

DCN 1640  
**FAX**



Ltr. # 31

Date Saturday, March 18, 1995

Number of pages including cover sheet 9

TO: Col Wayne Mayfield

FROM: Frank Cirillo/Air Force  
Team Leader

Defense Base Closure  
and Realignment  
Commission

1700 North Moore Street,  
Ste. 1425

Arlington, VA 22209

Phone 695-6766

Fax Phone 693-9707

CC:

Phone 703-696-0504

Fax Phone 703-696-0550

REMARKS:  Urgent  For your review  Reply ASAP  Please Comment

'Mayfe': I attach an enhanced list which was developed as a result of meetings with Air Force staff over the past several weeks. In some cases, such as personnel #s, the requests are similar to previous requests for data but the years are expanded. The details should be worked between Ann and Ron but through this media you have a checklist as we have used for other Air Force Team requests. Suggest Ron and yourself review this in conjunction with what you already have and then have Ron give Ann a call with any questions so both lists and any previous meeting notes and commitments can merge into one document. In addition, a suggested display of authorizations and space utilized, Military Construction, and disposal history and plans is attached. I also included a sample marked up Screen 4 in regards to the one listed funding request we discussed this morning. The purpose of this latter item is to capture the total cost of operating, maintaining and altering facilities and utilities on a base that contains an ALC that contains depot maintenance activities. fc

CC  
Ann Reese  
Ben Borden  
Dave Olson

Note: ~~Re~~ AT Team ~~letter~~ letter # 3, 12

Fax from Rick on 23CWG Questions. (Fm. X-svc)

Note: Need suspense  
& date from X-svc.  
(No set suspense date  
per Ann Reese)

## **List of information to be supplied by Air Force to Commission Cross Service**

**For analysis of the various fixed wing Air Force depot options/ alternatives, the Base Closure and Realignment Commission staff needs the following information on all five installations containing ALC and depot functions (Hill, McClellan, Robins, Kelly, Tinker) - some of which is history and some planned or programmed - for all functions and tenants, air Force and non-Air Force:**

**Based on 1995 BRAC recommendations:**

- **manpower authorizations that match force structure plan**
- **details of migration of position authorizations (military and civilian) ins and outs for each ALC function (reductions and reallocations)**
- **list of buildings and square footage to be disposed of or mothballed or used by others (indicate category)**

**Military Construction**

- **projects authorized and projects executed - \$ value of each and description by ALC, by year 1985-1995**
- **projects programmed - \$ value of each and description by ALC, by year 1996-2001**

**Base Operation Costs for Depot activities**

- **referring to screen 4 COBRA, request depot Industrial Fund totals for the fund total for equivalent RPMA and BOS non-payroll line for each ALC (see attached screen 4)**

**Personnel**

- **numbers of personnel for each ALC (authorizations FY 88-95 and projections 96-01)**
- **numbers of personnel for each ALC installation, each ALC, and each ALC major organizational component (actual on-board as of August 1994)**
- **numbers of personnel for each major organization within each ALC (authorizations FY 88-95)**
- **numbers of supervisors and numbers of "hands-on" personnel for each ALC and for each major organizational component of each ALC**
- **numbers of personnel at each function collocated with each ALC (i.e. DISA, DFAS, DLA...)**
- **authorization migration and eliminations based on downsize in place strategy (1995 BRAC recommendation)**

**COBRAs**

- **Air Force version of COBRA to close Kelly AFB**
- **Air Force version of COBRA to close McClellan AFB**
- **Air Force version of COBRA to close McClellan and Kelly AFBs**
- **Air Force version of COBRA to close Kelly ALC**
- **Air Force version of COBRA to close McClellan ALC**
- **Air Force version of COBRA to close McClellan and Kelly ALCs**
- **COBRA for each installation with an ALC for the downsize strategy (1995 BRAC recommendation)**

**Environment**

- **programmed environmental compliance costs for each ALC installation and each ALC, 1995-01**
- **projected environmental cleanup costs for each ALC installation and each ALC**
- **indicate that portion already contained in the funded program**

### **Square footage**

- total depot square footage by depot in the years 1991, 1993, 1995
- square footage to be mothballed by depot, by ALC, by installation
- square footage to be demolished by depot, by ALC, by installation
- square footage to be used by others by depot, by ALC, by installation
- documentation to show agreements to use available space by depot, by ALC, by installation
- remaining usable square footage by depot by depot, by ALC, by installation after implementation
- identify funding currently programmed to mothballed and demolished by depot, by ALC, by installation
- identify square footage currently programmed to mothballed and demolished by depot, by ALC, by installation

### **Workload migration**

- workload movement s from each ALC by commodity in hours for the downsize in place strategy
- workload movements to each ALC by commodity in hours for the downsize in place strategy
- workload movement s from each ALC by commodity in hours for the Air Force version of close Kelly option
- workload movements to each ALC by commodity in hours for the Air Force version of close Kelly option
- workload movement s from each ALC by commodity in hours for the Air Force version close McClellan option
- workload movements to each ALC by commodity in hours for the Air Force version close McClellan option
- workload movement s from each ALC by commodity in hours for the Air Force version close McClellan and Kelly option
- workload movements to each ALC by commodity in hours for the Air Force version close McClellan and Kelly option

Department :  
 Option Package :  
 Scenario File : C:\COBRA\THREE.CBR  
 Std Fctrs File : (none)

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HURLBURT, FL

Total Officer Employees:	989	RPMA Non-Payroll (\$K/Year):	15,162
Total Enlisted Employees:	5,564	Communications (\$K/Year):	1,024
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,637
Total Civilian Employees:	482	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	17.0%	Family Housing (\$K/Year):	4,900
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.73
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,960	CHAMPUS Shift to Medicare:	29.0%
Officer VHA (\$/Month):	84	Activity Code:	AF041
Enlisted VHA (\$/Month):	57	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	91	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: KELLY, TX

Total Officer Employees:	825	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,539	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	14,036	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.87
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	AF043
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

e.g.

Provide the depot Industrial Fund Total For each equivalent AREA.  
 (PLEASE ADVISE IF NEW NUMBERS ARE ALREADY INCLUDED IN SCREEN 4 #s)

Name: KESSLER, MS

Total Officer Employees:	1,636	RPMA Non-Payroll (\$K/Year):	3,731
Total Enlisted Employees:	7,717	Communications (\$K/Year):	652
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	18,947
Total Civilian Employees:	2,352	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	43.0%	Family Housing (\$K/Year):	3,133
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	9,223	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF042
Enlisted VHA (\$/Month):	6	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	95	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: KIRTLAND, NM

Total Officer Employees:	1,313	RPMA Non-Payroll (\$K/Year):	67
Total Enlisted Employees:	2,837	Communications (\$K/Year):	883
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,346
Total Civilian Employees:	2,331	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	52.0%	Family Housing (\$K/Year):	10,788
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.02
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	9,762	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	147	Activity Code:	AF045
Enlisted VHA (\$/Month):	83	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	94	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

18 Mar 95

EXAMPLE

Details we need:

Hill, Kelly, McAllen, Tucker, Retina?

Everyone on or off base that  
get support from one of  
5.

By Base

Function

Time lists

PERSONNEL  
SQUARE  
FORMER  
SF  
Bldg occupied occupied  
Mansions with occupied  
NOW AFTER IMPLEMENTATION  
9/4/4 9/9?

Total for major elements re Receipts  
ALC  
Maintenance (6253) 30 4/20/95

- F-15
- G-141
- G-130
- JSTARS
- Avics
- EW
- Gyros

Function	Auth	304	5 =
Product Management	3091	7	1,50000
F-15	-	-	-
G-141	-	-	-
G-130	-	-	-
J STRS	-	-	-
OTHER	-	-	-
AVIATION	-	-	-
EW	-	-	-
Gyros	-	-	-

OTHER

Base Support	1800	1	20,000
PAS	138	1	20,000
DIST DEPOT (DIA)	751	10	1,000,000
DIA	318	1	50,000
78 Air Bunting	522		

TOTALS

16,553 348 12,000,000

Construction History & Plan

85 - 01

Description

By Function Maint Product Hgt, AF Terminals, etc. Scope in Cost

Maint (Complete)

A Hill

! Maint Disk

80,000 94

8.0.1.1

Corrosion Coat

70,000 93

9.2

(Under Coat)

Paints

20,000 94

3.0

Programmed (in 96 Budget 96-01)

Engine Shop. 60,000 97 7.3

Product Mgt.

AF Terminals

Base Support

Now AF Terminals

EXAMPLE

Building, Disposal History and Project  
(Prior to 1995 BPA Recommendation)

Function # scope yr. entry if ready available

Maintenance

Conversion Cont 40,000 92 13  
America's Shop. 98  
111

Non-AF Tenants

Wheeler (D-A) 94

Planned As a result of 1995  
BPAE Recommendation

Maintenance (Only)  
Function Bldg# Scope Yr.

Function Bldg # Scope Yr.

Buildings to be Racked  
as a result of 1995  
BPAE. Recommendation

EXAMPLE

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (CTS) # 950320-3

FROM: GAMBACHE, KEVIN R. TO: REESE, ANN

TITLE: MAJOR TITLE: CROSS SERVICE DOD AWARDS

ORGANIZATION: USAF / LG MM ORGANIZATION:

INSTALLATION (S) DISCUSSED:

OFFICE OF THE CHAIRMAN	FYI	ACTION	INT	COMMISSION MEMBERS	FYI	ACTION	INT
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CHAIRMAN DIXON				COMMISSIONER CORNELIA			
STAFF DIRECTOR				COMMISSIONER COX			
EXECUTIVE DIRECTOR				COMMISSIONER DAVIS			
GENERAL COUNSEL				COMMISSIONER KING			
MILITARY EXECUTIVE				COMMISSIONER MONTYA			
DIR. CONGRESSIONAL LIAISON				COMMISSIONER ROBLES			
DIR. COMMUNICATIONS				COMMISSIONER STEELE			
EXECUTIVE SECRETARIAT				REVIEW AND ANALYSIS			
DIRECTOR OF R & A				DIRECTOR OF R & A			
ARMY TEAM LEADER							
NAVY TEAM LEADER							
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER			
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER			
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
DIR. INFORMATION SERVICES				ANN REESE			

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature	Prepare Reply for Commissioner's Signature
Prepare Reply for Staff Director's Signature	Prepare Direct Response
ACTION: Offer Comments and/or Suggestions	FYI

Subject/Remarks: FAX RESPONDING TO QUESTIONS OR INQUIRIES REQUESTED BY DBRC.

Requester: ANN REESE

Date Originated: 950320

Routing Date: 950320

Mail Date: 950320

FOR

copy records

# FAX

Please refer to this number  
when responding 6150320-3

Date: 03/20/95  
 Number of pages including cover sheet: 6

To: Ann Keese  
Defense Base Closure and  
Realignment Commission  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax phone: 696-0550  
 CC: \_\_\_\_\_

From: Major Kevin R. Gamache  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: DSN 227-8775  
 Fax phone: DSN 225-9811

REMARKS:     Urgent     For your review     Reply ASAP     Please comment

\*Attached is my compilation of information requested prior to your meeting with Mr. Orr, during the meeting, and in the fax which followed on Saturday. I have attempted to identify when a request was superceded or supplemented by a later request. The taskings which came out of your 9 March meeting with Lt Col Eckhardt and Lt Col Pitcher have all been met with the exception of providing workload data. Lt Col Pitcher is finishing that information this afternoon.

As I stated on the phone, we will deliver as much of the information as possible by COB today. Mr. Orr has suspended AFMC to provide some of the information to him by COB today, so we should have additional information for you tomorrow.

We realize the time constraints you are working against and are committed to being as responsive as we can possibly be in providing you the information you need.

Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Susp	GPR	Comments
079-06	What is the variance in cost of labor hours between ALC and depot closure options?	17 Mar 95	Ann Reese		AFRLGMM Lt Col Fisher	
079-07	Provide the 3 charts prepared by Capt. Logans depicting payback associated with depot closure and downsizing options.	17 Mar 95	Ann Reese		AFRLGMM Major Gammache	
079-08	Provide a copy of the letter from Mr. F. Loewen to the JCSG with the military values/weights for depots.	17 Mar 95	Ann Reese		AFRLGMM Lt Col Fisher	
079-09	When will a decision be made on which facilities will be mothballed, destroyed, or utilized by other organizations?	17 Mar 95	Ann Reese		AFRLGMM Lt Col Fisher	
079-10	Provide support data on 6.8 million sq feet of space to be effected by downsizing.	17 Mar 95	Ann Reese		AFRLGMM Lt Col Fisher	
079-11	Provide information on effect of 2-level vs 3-level Maintenance on depot workload.	17 Mar 95	Ann Reese		AFRLGMM-2 Major Gammache	
080-01a	Provide manpower authorizations that match force structure plan based on 1995 BRAC recommendations.	20 Mar 95	Frank Cirillo		AFRLGMM	
080-01b	Provide details of migration of position authorizations (military and civilian) in and out for each ALC function (reductions and reallocations).	20 Mar 95	Frank Cirillo		AFRLGMM	
080-01c	Provide list of buildings and square footage to be disposed of or mothballed or used by others (indicate category).	20 Mar 95	Frank Cirillo		AFRLGMM	
080-02a	Provide military construction projects authorized and description by ALC, by year 1985-1995.	20 Mar 95	Frank Cirillo		AFRLGMM	
080-02b	Provide military construction projects programmed - dollar value of each and description by ALC, by year 1996-2001.	20 Mar 95	Frank Cirillo		AFRLGMM	
080-03	Base operating costs for Depot Activities: depot Industrial Fund totals for the fiscal year for equivalent RPLMA and BOS non-payroll line for each ALC (See attached screen 4).	20 Mar 95	Frank Cirillo		AFRLGMM	
080-04a	Provide numbers of personnel for each ALC (authorizations FY 88-95 and projections).	20 Mar 95	Frank Cirillo		AFRLGMM	Supplements 078-01c
080-04b	Provide numbers of personnel for each ALC installation, each ALC, and each ALC member-board as of August 1994.	20 Mar 95	Frank Cirillo		AFRLGMM	Supplements 078-01d (changes reference date)
080-04c	Provide numbers of personnel for each major organization within each ALC (authorizations FY 88-95).	20 Mar 95	Frank Cirillo		AFRLGMM	Supplements 080-04e
080-04d	Provide numbers of supervisors and numbers of "hands-on" personnel for each ALC and for each major organizational component of each ALC.	20 Mar 95	Frank Cirillo		AFRLGMM	Supplements 080-04d

As of: 03/20/95 11:55 AM

Prepared by Major Kevin Gammache, AFRLGMM, M. 703-697-8775, DSN 227-8775, Fax XX5-2811, email: kgammache@patfosuz.bq.af.mil

## Questions/Information Requested by Base Realignment and Closure Commission Staff

	Date Rec	Rec From	Susp	OPR	Comments
Number of personnel at each function collocated with each ALC (DISA, etc.)	20 Mar 95	Frank Cirillo			Supplements 078-01h Adds numbers of personnel
Relocation migration and eliminations based on downsize in place strategy (recommendation)	20 Mar 95	Frank Cirillo			
Force version of COBRA to close Kelly AFB	20 Mar 95	Frank Cirillo			Supersedes 079-04
Force version of COBRA to close McClellan AFB	20 Mar 95	Frank Cirillo			Supersedes 079-04
Force version of COBRA to close Kelly and McClellan AFB	20 Mar 95	Frank Cirillo			Supersedes 079-04
Force version of COBRA to close Kelly ALC	20 Mar 95	Frank Cirillo			Supersedes 079-04
Force version of COBRA to close McClellan ALC	20 Mar 95	Frank Cirillo			Supersedes 079-04
Force version of COBRA to close Kelly and McClellan ALCs	20 Mar 95	Frank Cirillo			Supersedes 079-04
Costs for each installation with an ALC for the downsize strategy (1995 recommendation)	20 Mar 95	Frank Cirillo			Supersedes 079-04
Unfunded environmental compliance costs for each ALC installation and 15-01	20 Mar 95	Frank Cirillo			Supersedes 079-02
Funded environmental cleanup costs for each ALC installation and each depot (that portion already contained in the funded program)	20 Mar 95	Frank Cirillo			Supersedes 079-08a
Square footage by depot in years 1991, 1993, 1995	20 Mar 95	Frank Cirillo			
Square footage to be mothballed by depot, by ALC, by installation	20 Mar 95	Frank Cirillo			
Square footage to be demolished by depot, by ALC, by installation	20 Mar 95	Frank Cirillo			
Agreement to show agreements to use available space by depot, by ALC, by installation	20 Mar 95	Frank Cirillo			
Remaining useable square footage by depot, by ALC, by installation after mothballing	20 Mar 95	Frank Cirillo			
Square footage currently programmed to be mothballed and demolished by depot, by installation	20 Mar 95	Frank Cirillo			
Square footage currently programmed to be mothballed and demolished by depot, by installation	20 Mar 95	Frank Cirillo			

20, 1995, 7:09 PM

in Gamache, AF/IGMM, 703-697-8775, DSN 227-8775, Fax XX5-2811, email:kgamache@pafosu2.hq.af.mil

## Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Susp	OPR	Comments
080-08a	Provide workload movement from each ALC by commodity in hours for the downsize in place strategy	20 Mar 95	Frank Cirillo			
080-08b	Provide workload movement to each ALC by commodity in hours for the downsize in place strategy.	20 Mar 95	Frank Cirillo			
080-08c	Provide workload movements from each ALC by commodity in hours for the Air Force version of close Kelly option	20 Mar 95	Frank Cirillo			
080-08d	Provide workload movements to each ALC by commodity in hours for the Air Force version of the close Kelly option	20 Mar 95	Frank Cirillo			
080-08e	Provide workload movements from each ALC by commodity in hours for the Air Force version close McClellan option	20 Mar 95	Frank Cirillo			
080-08f	Provide workload movements to each ALC by commodity in hours for the Air Force version close McClellan option	20 Mar 95	Frank Cirillo			
080-08g	Provide workload movements from each ALC by commodity in hours for the Air Force version close McClellan and Kelly option	20 Mar 95	Frank Cirillo			
080-08h	Provide workload movements to each ALC by commodity in hours for the Air Force version close McClellan and Kelly option	20 Mar 95	Frank Cirillo			

As of : 03/20/95 11:55 AM

Prepared by Major Kevin Gamache, AF/LGMM, 703-697-8775, DSN 227-8775, Fax XX5-2811, email:kgamache@ppafosu2.hq.af.mil

# Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Susp	OPR	Comments
078-01a	Describe structures of ALC	16 Mar 95	Ann Reese		AFMC/XP Mr Van Gilst	
078-01b	List major organizational components of each ALC	16 Mar 95	Ann Reese		AFMC/XP Mr Van Gilst	
078-01c	Provide numbers of personnel for each ALC (authorizations FY 88-95 and projections 95-01)	16 Mar 95	Ann Reese		AFMC/XP	Superseded by 080-04a
078-01d	Provide numbers of personnel for each ALC installation, each ALC, and each ALC major organizational component (actual on-board as of 1 October, 1994)	16 Mar 95	Ann Reese		AFMC/XP	Superseded by 080-04b
078-01e	Provide numbers of personnel for each major organization within each ALC (authorizations FY 88-95)	16 Mar 95	Ann Reese		AFMC/XP	Superseded by 080-04c
078-01f	Provide numbers of supervisors and numbers of "hands-on" personnel for each ALC and for each major organizational component of each ALC	16 Mar 95	Ann Reese		AFMC/XP	Superseded by 080-04d
078-01g	Describe relationship of maintenance function to other function within ALC	16 Mar 95	Ann Reese		AFMC/XP	
078-01h	List other functions collocated with the ALCs (i.e. DfSA Megacenters)	16 Mar 95	Ann Reese		AFMC/XP Lt Col Eckhardt	Superseded by 080-04e
078-02a	Why are personnel eliminated numbers based on efficiency factor rather than specific workload data utilized by Army and Navy	16 Mar 95	Ann Reese		AFMC/XP	
078-02b	What was the basis for the 15% factor for eliminating positions through consolidation of like workload?	16 Mar 95	Ann Reese		AFMC/XP	
078-02c	Why were positions eliminated on the basis of proposed closure scenarios based on a 6% efficiency factor?	16 Mar 95	Ann Reese		AFMC/XP	
078-02d	What was the basis for the % of positions moved vs. eliminated as a result of a closure action?	16 Mar 95	Ann Reese		AFMC/XP Capt Coggins Lt Col Callahan	
078-03a	One time cost to close vs. one time cost to realign	16 Mar 95	Ann Reese		AFMC/XP AF/RTTR Lt Col O'Neill	
078-03b	Cost of annual maintenance of 5 depots vs. 3	16 Mar 95	Ann Reese		AFMC/XP AF/RTTR Lt Col O'Neill	
078-03c	Cost of modernizing 5 depots vs. 3	16 Mar 95	Ann Reese		AFMC/XP AF/RTTR Lt Col O'Neill	
078-04a	How was the 15% "industrial benefit factor" considered when sizing the ALCs?	16 Mar 95	Ann Reese		AFMC/XP AF/RTTR Lt Col Pircher	
078-04b	Why was CORE reduced 15%?	16 Mar 95	Ann Reese		AFMC/XP AF/RTTR Lt Col Pircher	

As of: 03/20/95 11:55 AM

Prepared by Major Kevin Gamache, AF/LGMM, 703-697-8775, DSN 227-8775, Fax XX5-2811, email:kgamache@pafosn2.hq.af.mil

# Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Susp	OPR	Comments
078-04c	Why does capacity now equal the CORE workload?	16 Mar 95	Ann Reese		AF/IGMM Lt Col Pitcher	
078-05a	What percentage of the ALC activity square footage will be mothballed or demolished and why?	16 Mar 95	Ann Reese		AFMCCXP	
078-05b	What is the basis of support for \$24 million in demolition costs?	16 Mar 95	Ann Reese		AFMCCXP	
078-05c	What is the remaining useable square footage of each ALC?	16 Mar 95	Ann Reese		AFMCCXP	
078-05d	What is the basis for the \$44 million cost for the renovation of shop space?	16 Mar 95	Ann Reese		AFMCCXP	
078-05e	Why is the Air Force only now identifying/validating specific buildings for demolition/mothballing?	16 Mar 95	Ann Reese		AF/IGMM Lt Col Pitcher	
078-05f	Why weren't the numbers based on requirements certified by local commanders?	16 Mar 95	Ann Reese		AF/IGMM Lt Col Pitcher	
078-06	Installation tiering vs. depot activity tiering: which was given to the Joint Cross Service Group and why?	16 Mar 95	Ann Reese		AF/RTTR Lt Col Eckhardt	
078-07a	Describe workload transfers in terms of hours, by commodity, to and from each ALC.	16 Mar 95	Ann Reese		AF/IGMM Lt Col Pitcher	Superseded by 080-08a-h
078-08a	Please discuss in general terms the environmental condition of each ALC installation. Provide costs for compliance and clean-up (information should be available from data calls)	16 Mar 95	Ann Reese		AF/CEV Paul Boush	Superseded by 080-08a-f
078-08b	Did the Air Force consider environmental costs during the BRAC process?	16 Mar 95	Ann Reese		AF/CEV Jack Bush	
079-01	Please provide copy of 23 Jan 95 Depot Closure briefing from BCEG meeting	17 Mar 95	Ann Reese		AF/RTTR Lt Col Eckhardt	
079-02	Please provide details behind downsizing option. Please provide COBRA run if one was done.	17 Mar 95	Ann Reese		AF/IGMM Lt Col Pitcher	Superseded by 080-05g
079-03	Please provide date/details of first time downsizing was discussed	17 Mar 95	Ann Reese		AF/RTTR Lt Col Eckhardt	
079-04	Provide "Air Force only" depot closure COBRA runs briefed during the 23 January 95 BCEG	17 Mar 95	Ann Reese		AF/RTTR Lt Col O'Neill	Superseded by 080-05a-f
079-05	Do AF COBRA runs include MII/CON cost avoidances?	17 Mar 95	Ann Reese		AF/RTTR Lt Col O'Neill	
079-05a	What were the military construction projects cost avoidance associated with each	17 Mar 95	Ann Reese		AF/RTTR Lt Col O'Neill	

As of: Monday, March 20, 1995, 7:09 PM

Prepared by Major Kevin Gamache, AF/IGMM, 703-697-8775, DSN 227-8775, Fax XX5-2811, email:kgamache@pafosu2.hq.af.mil

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950327-8

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

FROM: BLAKE, JAY D.	TO: REESE, ANN
TITLE: MAJ GEN	TITLE: CROSS SERVICE TEAM
ORGANIZATION: DEPT OF AIR FORCE	ORGANIZATION: DBCRC
INSTALLATION (S) DISCUSSED:	

OFFICE OF THE CHAIRMAN		COMMISSION MEMBERS	
CHAIRMAN DIXON	STAFF DIRECTOR	EXECUTIVE DIRECTOR	GENERAL COUNSEL
MILITARY EXECUTIVE	DIR/CONGRESSIONAL LIAISON	DIR/COMMUNICATIONS	EXECUTIVE SECRETARIAT
DIR/INFORMATION SERVICES	DIRECTOR OF ADMINISTRATION	CHIEF FINANCIAL OFFICER	DIRECTOR OF TRAVEL
	ARMY TEAM LEADER	AIR FORCE TEAM LEADER	INTERAGENCY TEAM LEADER
	NAVY TEAM LEADER	CROSS SERVICE TEAM LEADER	REVIEW AND ANALYSIS
	COMMISSIONER CORVELLA	COMMISSIONER COX	COMMISSIONER DAVIS
	COMMISSIONER KJING	COMMISSIONER MONTYA	COMMISSIONER ROBLE
	COMMISSIONER STEELE	COMMISSIONER STEELE	DIRECTOR OF R & A
	EXECUTIVE SECRETARIAT	ARMY TEAM LEADER	NAVY TEAM LEADER
	DIRECTOR OF ADMINISTRATION	AIR FORCE TEAM LEADER	INTERAGENCY TEAM LEADER
	CHIEF FINANCIAL OFFICER	INTERAGENCY TEAM LEADER	CROSS SERVICE TEAM LEADER
	DIRECTOR OF TRAVEL	CROSS SERVICE TEAM LEADER	REVIEW AND ANALYSIS
	DIR/INFORMATION SERVICES	DIRECTOR OF R & A	COMMISSIONER STEELE

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature	Prepare Reply for Staff Director's Signature		
Prepare Reply for Commissioner's Signature	Prepare Direct Response	Prepare Direct Response	Prepare Direct Response
ACTION: Offer Comments and/or Suggestions	FI	FI	FI

Subject/Remarks:

PRODUCING SUPPORTING DOCUMENTATION FOR AF COBRA  
PLANS ON KELLY AND MCCELLIAN AFB'S. RESPONSE  
TO MARCH 16 REQUEST.

Office to be  
"Request" file folder

Due Date: Routing Date: Date Originated: Mail Date:



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

24 MAR 1995

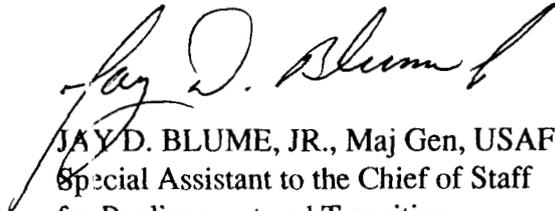
Please refer to this number  
when responding 950327-8

MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT

SUBJECT: USAF BRAC '95 Depot Information

In response to your request for depot information via questions to AF/LGM on 16 Mar 95 and your fax to AF/RTR on 18 Mar 95, the previously submitted Air Force COBRA runs for the closure of Kelly and McClellan AFBs did not include any supporting documentation. Three distinct sets of supporting documentation are provided. The first set contains the personnel transfers, MILCON, and one-time unique costs associated with the closure of Kelly AFB. The second set contains the same data for the closure of McClellan AFB. The third set identifies the additive costs incurred as a result of closing both installations. This is all part of AF Tasker #247.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Special Assistant to the Chief of Staff  
for Realignment and Transition

# COBRA MANPOWER IMPACT WORKSHEET

BASE: KELLY - OPTION 1 (Based on New Manpower Worksheet from AF/PEP)

DESCRIPTION: Close Kelly AFB. Establish cantonment at Lackland for AFRES C-5s and ANG F-16s. Air Intelligence Agency transferred to Lackland. SA-ALC workload moved to OC-ALC (89%), OO-ALC (10%), and WR-ALC (1%).

	Officer	Amn	Civilians	Total	Source
<b>94/4 AF Base Population</b>	<b>801</b>	<b>3419</b>	<b>12678</b>	<b>16898</b>	BRAC95 Manpower Baseline 12/02/94, TAB 4
Non-AF Tenant Population					
1. Defense Logistics Agency	0	0	973	973	All tenant data from AF/PEP, TAB 5 No breakout. Assumed 50% were HQ, put all in civs
2. Defense Commissary Agency	0	0	24	241	
3. Defense Accounting Office	13	0	160	179	
4. Region SIGINT Ops Cntr	29	747	37	813	
	42	747	1417	2206	
<b>94/4 Total Base Population</b>	<b>843</b>	<b>4166</b>	<b>14095</b>	<b>19104</b>	Screen 4 input
<b>97/4 Adj Base Pop</b>	<b>749</b>	<b>3190</b>	<b>11515</b>	<b>15454</b>	BRAC95 Baseline Analysis WS 1/12/95, TAB 4
<b>Non-AF Tenants</b>	<b>42</b>	<b>747</b>	<b>1417</b>	<b>2206</b>	(Total from above)
<b>97/4 Adj Total Base Population</b>	<b>791</b>	<b>3937</b>	<b>12932</b>	<b>17660</b>	97/4 Adj Base population plus tenants
<b>Force Structure Changes</b>	<b>-52</b>	<b>-229</b>	<b>-1160</b>	<b>-1444</b>	97/4 Adj total pop minus 94/4 total base pop. Screen 6 Input.
<b>Eliminations</b>	<b>-60</b>	<b>-177</b>	<b>-1000</b>	<b>-1245</b>	BRAC95 Baseline Analysis WS 1/12/95. Screen 6 Input
<b>Total Movements</b>	<b>731</b>	<b>3760</b>	<b>11924</b>	<b>16415</b>	Cumulative Screen 3 Inputs

## ORGANIZATIONAL MOVES

### AFRES Moves - Enter on Screen 3

Transfer C-5s to:		1996	1997	1998	1999	2000	2001	Totals
Lackland								
	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	673	0	0	0	0	673
								673
Transfer Aero Medical to:								
Lackland								
	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	5	0	0	0	0	5
								5

### ANG Moves - Enter on Screen 3

Transfer 15 F-16C/D		1996	1997	1998	1999	2000	2001	Totals
Lackland								
	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	202	0	0	0	0	202
								202

### Air Intelligence Agency - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Lackland								
	Officers	0	447	0	0	0	0	447
	Amn	0	1763	0	0	0	0	1763
	Civilians	0	1037	0	0	0	0	1037
								3247

### Regional SIGINT Ops Cntr - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Lackland								
	Officers	0	29	0	0	0	0	29
	Amn	0	747	0	0	0	0	747
	Civilians	0	37	0	0	0	0	37
								813

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# COBRA MANPOWER IMPACT WORKSHEET

## 1849 Electronic Install Sqdm - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Lackland								
	Officers	0	6	0	0	0	0	6
	Amn	0	286	0	0	0	0	286
	Civilians	0	19	0	0	0	0	19
								311

## Total Moves to Lackland (This section for summation purposes. It is not used elsewhere in sheet.)

	1996	1997	1998	1999	2000	2001	Totals
Officers	0	482	0	0	0	0	482
Amn	0	2796	0	0	0	0	2796
Civilians	0	1973	0	0	0	0	1973
							5251

## DEPOT MOVEMENTS

Officers	187									
Amn	282									
Civilians	7995									
Total	8464									
Source: BRAC95 Manpower Impact Worksheet Dated 10/25/94 provided by LTC Callahan, PEP. Manpower figures reflect FY97/4 endstrength										
Workload Transfer Percentages										
Hill	10%									
Tinker	89%									
Robins	1%									
	100%									
Source: Workload percentages provided by LTC Pitcher based on FY99 Workload										
Transfer to:	5%	10%	25%	30%	25%	5%				
Hill	1996	1997	1998	1999	2000	2001	Totals			
	Officers	1	2	5	6	5	0	19	19	
	Amn	2	3	7	9	7	0	28	28	
	Civilians	40	80	200	240	200	40	800	800	
								847	847	
Transfer to:	5%	10%	25%	30%	25%	5%				
Tinker	1996	1997	1998	1999	2000	2001	Totals			
	Officers	9	17	42	50	42	6	166	166	
	Amn	13	26	63	76	63	10	251	251	
	Civilians	356	712	1779	2135	1779	355	7116	7116	
								7533	7533	
Transfer to:	5%	10%	25%	30%	25%	5%				
Robins	1996	1997	1998	1999	2000	2001	Totals			
	Officers	<i>X0</i>	<i>X0</i>	<i>X0</i>	1	1	<i>X0</i>	2	2	
	Amn	<i>X0</i>	0	1	1	1	<i>X0</i>	3	3	
	Civilians	4	8	20	24	20	4	80	80	
								85	85	

*adjusted to account for EXCEL'S ROUNDING FUNCTION.*

**COBRA MANPOWER IMPACT WORKSHEET**

BASE X Movements - Remaining Population Moved to Base X on Screen 3

Transfer to:

Base X	1996	1997	1998	1999	2000	2001 Totals
Officers	3	6	16	19	16	2
Armed	34	68	171	205	171	33
Civilians	98	196	489	587	489	97
	5%	10%	25%	30%	25%	5%
	1996	1997	1998	1999	2000	2001 Totals
	62	62	682	682	1956	2700

Adjustments in 2001 due to rounding

62  
682  
1956  
2700

Kelly - Option 1 MILCON

Purpose: Summarize MILCON Requirements for Option 1. Close Kelly. Canton AFRES C-5s, ANG F-16s, and AIA at Lackland. NOTE: Does not reflect \$278M for 2085 new MFH units at Lackland.

Source: AFRES, ANG, AFMC21, AF/CEP, and AF/CEH Inputs

**GAINING BASE: LACKLAND**

Unit	Description	Cost (\$M)
AIA	Utilities	2.5
AIA	Other Infrastructure (fences, etc)	0.5
	Subtotal	3

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	Cold Storage	0.5
	Subtotal	0.5

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	Bldg 214 GTE Test Facility	0.647
ALC	Fuel/Air Facility	1.048
ALC	Bldg 3902 Fuel Test	1.632
ALC	Bldg 3703 Fuel Test	5
ALC	C-5 Repair Facilities	52.111
ALC	Renovate Engine Test Cells	8.7
ALLC	New/Renovate Admin Space	19.87
	93 MFH Units	12.13
	Subtotal	101.138

**GAINING BASE: BASE X**

Unit	Description	Cost (\$M)
	None.	0
	Subtotal	0

Facilities Total: 92.508  
MFH Total 12.13

**GRAND TOTAL: \$ 104.64 M**

## 1 Time Unique Costs

Production Transition Costs		\$58,940,953
Environmental Studies	\$	2,700,000
Civilian Terminal Leave		\$8,021,604
Rearrangement Costs	\$	36,762,380
	Sub-Total	\$ 106,424,937
Base Conversion Agency Costs	\$	30,000,000
	Total	\$ 136,424,937

SOURCE:

PTC Spreadsheet  
 1 EIS (\$1.2M) & 2 EAs(\$750K ea)  
 Civ Term Lv Spreadsheet  
 AFMC 21 Certified Data

Added to Last Year

Time Phasing

FY96	5%	\$	5,321,247
FY97	10%	\$	10,642,494
FY98	25%	\$	26,606,234
FY99	30%	\$	31,927,481
FY00	25%	\$	26,606,234
FY01	5%	\$	35,321,247
Total	100%	\$	136,424,937

Phased Over 4 Years

25%	\$	26,606,234
25%	\$	26,606,234
25%	\$	26,606,234
25%	\$	56,606,234
Total	\$	136,424,937

## 1 Time Moving Costs

\$97,942,272

Source: Eqpt Transportation Spreadsheet

Time Phasing

FY96	5%	\$	4,897,114
FY97	10%	\$	9,794,227
FY98	25%	\$	24,485,568
FY99	30%	\$	29,382,682
FY00	25%	\$	24,485,568
FY01	5%	\$	4,897,114
Total	100%	\$	97,942,272

Phased Over 4 Years

25%	\$	24,485,568
25%	\$	24,485,568
25%	\$	24,485,568
25%	\$	24,485,568
Total	\$	97,942,272

KEELY

## Production Transition Costs

Purpose: This worksheet calculates Production Transition Costs (formerly called Interim Production Support costs) for realignment alternatives. Data will be used to evaluate the cost impact of consolidating Air Logistic Center workloads.

(A) REQUIREMENT - LOSING ORGANIZATION		DPAH		HOURS MOVED	
	FY 96	5%	6,631,000		331,550
	FY 97	10%	6,115,000		611,500
	FY 98	25%	5,749,000		1,437,250
	FY 99	30%	5,634,000		1,690,200
	FY 00	25%	5,634,000		1,408,500
	FY 01	5%	5,634,000		281,700
		-----			
		100.00%	35,397,000		5,760,700
(B) WORKDAYS					261
(C) DAYS OF IPS REQUIRED					86
(D) IPS % (C/B)					32.95%
(E) IPS HRS REQUIRED					1,898,162
(F) TOTAL SURGE CAPABILITY					25.00%
SURGE CAPABILITY LOSING CENTER 10%			10.00%		
SURGE CAPABILITY GAINING CENTER 15%			15.00%		
=====					
(G) ORGANIC HOURS/ORGANIC COSTS					
TOTAL REQUIREMENT				474,540	
RCC Rates w/o Materials					
SA-ALC	\$47.28	\$23.64	10.00%	47,454	\$1,121,814
GAINING ALC:					
OC-ALC	\$47.93	\$23.97	89.00%	380,107	\$9,109,261
OO-ALC	\$48.15	\$24.08	11.00%	46,980	\$1,131,032
SA-ALC	\$47.28	\$23.64	0.00%	0	\$0
SM-ALC	\$49.32	\$24.66	0.00%	0	\$0
WR-ALC	\$41.98	\$20.99	0.00%	0	\$0
TOTALS			-----	100.00%	\$10,240,293
TOTAL ORGANIC COST					\$11,362,106
=====					
(H) NON ORGANIC %		(100%-F)			75.00%
(I) NON ORGANIC HOURS		(E*H)			1,423,621
(J) CONTRACT %					50.00%
(K) CONTRACT HOURS		(I*J)			711,811
(L) CONTRACTOR DIFFERENTIAL					\$18.91
(M) ADDITIVE CONTRACT COST		(K*L)			\$13,461,763
=====					
(N) UNSUPPORTABLE WORKLOAD % (DURING TRANSITION)				(100%-F-J)	25.00%
(O) UNSUPPORTABLE HOURS		(I*N)			711,811
(P) CATCH UP COST					
GAINING ALC:					
OC-ALC	\$47.93		89.00%	633,511	\$30,364,204
OO-ALC	\$48.15		11.00%	78,299	\$3,752,879
SA-ALC	\$47.28		0.00%	0	\$0
SM-ALC	\$49.32		0.00%	0	\$0
WR-ALC	\$41.98		0.00%	0	\$0
TOTAL					-----
					\$34,117,084
=====					
(R) TOTAL PRODUCTION TRANSITION COST:					\$58,940,953
(G TOTAL+M+P TOTAL)					
				ORGANIC PREMOVE	\$11,362,106
				CONTRACT	\$13,461,763
				ORGANIC POST MOVE	\$34,117,084
				TOTAL	\$58,940,953

## TRANSPORTATION SPREADSHEET

Purpose: This worksheet estimates transportation costs for mission/support equipment and inventories. Data will be used for evaluating the cost impact of consolidating AF installations.

**Location: Kelly AFB**

1. EQUIPMENT TRANSFER			
a. EQUIPMENT ACQUISITION COSTS PER GO17			
	WEAPON SYSTEM SUPPORT EQUIPMENT		\$0
	APPROPRIATED FUND		\$0
	OVER 5K	\$732,791,263	
	UNDER 5K		\$0
	<b>TOTAL</b>		=====
			\$732,791,263
b. EXCESS EQUIPMENT			
	WEAPON SYSTEM SUPPORT EQUIPMENT	PERCENT	
	APPROPRIATED FUND	24.00%	\$0
	NON APPROPRIATED FUND	24.00%	\$0
	OTHER	24.00%	\$175,869,903
	<b>TOTAL VALUE OF EXCESSED EQUIPMENT</b>		=====
			\$175,869,903
c. REPURCHASE VS MOVE			
	WEAPON SYSTEM SUPPORT EQUIPMENT	5.00%	\$0
	APPROPRIATED FUND	5.00%	\$0
	NON APPROPRIATED FUND	5.00%	\$27,846,068
	OTHER	5.00%	\$0
	<b>(A) TOTAL EQUIPMENT REPURCHASES</b>		=====
			\$27,846,068
COST TO RELOCATE EQUIPMENT			
	REMAINING EQUIPMENT VALUE		\$529,075,292
d.	P, C, H (WESTING HOUSE)	2.50%	\$13,226,882
e.	TRANSPORTATION (DST)	0.50%	\$2,645,376
f.	REMOVE AND REINSTALL (SM-ALC/MADE)	1.0%	\$5,290,753
	<b>(B) TOTAL COST TO MOVE EQUIPMENT</b>		=====
			\$21,163,012
COST TO DISPOSE OF EXCESS EQUIPMENT (DRMO)			
	EQUIPMENT VALUE		\$175,869,903
g.	<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>	1.00%	\$1,758,699
	(A) EQUIPMENT REPURCHASES		\$27,846,068
	(B) COST TO RELOCATE EQUIPMENT		\$21,163,012
	(C) DISPOSAL COST OF EXCESS EQUIPMENT		\$1,758,699
	<b>TOTAL EQUIPMENT COSTS</b>		=====
h.			\$50,767,779

*CONTINUED ON  
NEXT PG.*

## TRANSPORTATION SPREADSHEET

2.	INVENTORIES		\$14,984,369,511
	a.	STOCK FUND	
		TOTAL	=====
		w	\$14,984,369,511
	b.	AMOUNT TO MOVE	30.00% \$4,495,310,853
	c.	COST TO RELOCATE	1.00% \$44,953,109
	d.	<b>TOTAL INVENTORY COSTS</b>	<b>\$44,953,109</b>

3.	MATERIAL DAMAGE		
	a.	EQUIPMENT	\$529,075,292
		{TVA}*TIMES HANDLED*.0001	
		INVENTORY	HANDLING 8 \$423,260
	b.	{({TVA INVENTORY})*TIMES HANDLED*.0001}	HANDLING 4 \$1,798,124
		<b>TOTAL MATERIAL DAMAGE COST</b>	<b>\$2,221,385</b>

4.	TOTAL EQUIPMENT TRANSPORTATION COSTS FOR	<b>Kelly AFB</b>
	TOTAL EQUIPMENT REPURCHASES	\$27,846,068
	TOTAL COST TO MOVE EQUIPMENT	\$21,163,012
	DISPOSAL COSTS FOR EXCESS EQUIPMENT	\$1,758,699
	INVENTORY	\$44,953,109
	MATERIAL DAMAGE	\$2,221,385
	<b>TOTAL</b>	<b>\$97,942,272</b>

# COBRA MANPOWER IMPACT SHEET

BASE: MCCLELLAN - OPTION 2 (Based on New Manpower Worksheet from AF/PEP)

DESCRIPTION: Same as Option 1 except assume F/EF-1 workload is phased out. Used an updated manpower baseline provided by LTC Callahan, AF/PEP.

	Officer	Amn	Civilians	Total	Source
<b>94/4 AF Base Population</b>	<b>449</b>	<b>2325</b>	<b>8882</b>	<b>11656</b>	BRAC95 Manpower Baseline 12/02/94, TAB 4
<b>Non-AF Tenant Population</b>					
1. Defense Logistics Agency	0	0	603	603	All tenant data from AF/PEP Assumed no movements.
2. Defense Commissary Agency	0	0	0	0	
3. DFAS	1	8	130	139	
4. U.S. Coast Guard	26	164	0	190	
	27	172	713	932	
<b>Total Base Population</b>	<b>476</b>	<b>2497</b>	<b>9615</b>	<b>12588</b>	Screen 4 input
<b>97/4 Adj Base Pop</b>	<b>431</b>	<b>2125</b>	<b>7516</b>	<b>10072</b>	BRAC95 Baseline Analysis WS 1/12/95, TAB 4
<b>Non-AF Tenants</b>	<b>27</b>	<b>172</b>	<b>713</b>	<b>932</b>	(Total from above)
<b>97/4 Adj Total Base Population</b>	<b>458</b>	<b>2297</b>	<b>8219</b>	<b>11004</b>	97/4 Adj Base population plus tenants
<b>Force Structure Changes</b>	<b>-18</b>	<b>-200</b>	<b>-1316</b>	<b>-1584</b>	97/4 Adj total pop minus 94/4 total base pop. Screen 6 Input.
<b>Eliminations</b>	<b>-58</b>	<b>-504</b>	<b>-875</b>	<b>-1438</b>	BRAC95 Baseline Analysis WS 1/12/95. Screen 6 Input
<b>Total Movements</b>	<b>400</b>	<b>1793</b>	<b>7373</b>	<b>9566</b>	Cumulative Screen 3 Inputs

## ORGANIZATIONAL MOVES

### AFRES Moves - Enter on Screen 3

HQ 4th AF To:		1996	1997	1998	1999	2000	2001	Totals
March								
	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	53	0	0	0	0	53
								53
N/A								
	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	0	0	0	0	0	0
								0

### U.S. Coast Guard

Moffett		1996	1997	1998	1999	2000	2001	Totals
	Officers	0	26	0	0	0	0	26
	Amn	0	164	0	0	0	0	164
	Civilians	0	0	0	0	0	0	0
								190

### Det42 Moves - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Travis								
	Officers	0	5	0	0	0	0	5
	Amn	0	41	0	0	0	0	41
	Civilians	0	96	0	0	0	0	96
								142

### AFTAC Moves - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Offutt								
	Officers	0	42	0	0	0	0	42
	Amn	0	316	0	0	0	0	316
	Civilians	0	30	0	0	0	0	30
								388

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# COBRA MANPOWER IMPACT SHEET

1827 Electronic Install Sqdrn - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Travis	Officers	0	4	0	0	0	0	4
	Amn	0	285	0	0	0	0	285
	Civilians	0	20	0	0	0	0	20
								309

## DEPOT MOVEMENTS

Officers	133								Source:
Enlisted	223								BRAC95 Manpower Impact Worksheet
Civilians	<u>5929</u>								Dated 10/25/94 provided by
Total	6285								LTC Callahan, PEP. Manpower figures
									reflect FY97/4 endstrength
Workload Transfer Percentages									
Hill	70.0%								Source:
Tinker	25.0%								FY99 workload percentages provided by
Robins	<u>5.0%</u>								LTC Pitcher
	100%								
Transfer to: Hill									
		5%	10%	25%	30%	25%	5%		
		1996	1997	1998	1999	2000	2001	Totals	
Officers		5	10	24	28	24	2	93	
Enlisted		8	13	39	47	39	7	156	
Civilians		208	415	1038	1245	1038	206	4150	
								4399	
Transfer to: Tinker									
		5%	10%	25%	30%	25%	5%		
		1996	1997	1998	1999	2000	2001	Totals	
Officers		2	4	9	10	<del>98</del>	<del>10</del>	33	
Enlisted		3	6	14	17	14	2	56	
Civilians		75	149	371	445	371	71	1482	
								1571	
Transfer to: Robins									
		5%	10%	25%	30%	25%	5%		
		1996	1997	1998	1999	2000	2001	Totals	
Officers		1	1	2	3	<del>20</del>	<del>20</del>	7	
Enlisted		1	2	3	4	<del>81</del>	<del>20</del>	11	
Civilians		15	30	74	89	74	14	296	
								314	

*adjust to account for EXCEL's rounding function.*

## COBRA MANPOWER IMPACT SHEET

### BASE X Movements - Remaining Population Moved to Base X on Screen 3

Transfer to:	5%	10%	25%	30%	25%	5%	Totals	
Base X	1996	1997	1998	1999	2000	2001		
Officers	10	19	48	57	48	8	190	190
Arm	39	77	191	230	191	36	764	764
Civilians	63	125	312	374	312	59	1245	1245
						59	2199	2199

Adjustments in 2001 due to rounding

### 1 Time Unique Costs

Production Transition Costs	\$53,824,013
Environmental Studies	\$ 4,200,000
Civilian Terminal Leave	\$7,096,167
Rearrangement Costs	\$ 3,729,190
Install Test Equipment at Hill.	\$ 27,000
Install Software at Hill.	\$ 200,000
Activate Outside Range at Hill.	\$ 200,000
Sub-Total	<u>\$69,276,370</u>
Shutdown Neutron Radiography Facility	\$20,072,996
Base Conversion Agency Costs	<u>\$30,000,000</u>
	<u>\$119,349,366</u>

SOURCE:

PTC Spreadsheet  
 1 EIS (\$1.2M) & 4 EAs (750K ea)  
 Civ Term Lv Spreadsheet  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
  
 Added to Last Year.  
 Added to Last Year.

Time Phasing

FY96	5%	\$ 3,463,819
FY97	10%	\$ 6,927,637
FY98	25%	\$ 17,319,093
FY99	30%	\$ 20,782,911
FY00	25%	\$ 17,319,093
FY01	5%	\$ 53,536,815
Total	100%	\$ 119,349,366

Phased Over 4 Years

25%	\$ 17,319,093
25%	\$ 17,319,093
25%	\$ 17,319,093
25%	\$ 67,392,089
Total	\$ 119,349,366

### 1 Time Moving Costs

\$135,632,576
\$ 700,000
<u>\$136,332,576</u>

Source: Eqpt Transportation Spreadsheet  
 Source: AFMC 21 Certified Data. "Relocate Cold  
 Proof Equipment to Hill"

Time Phasing

FY96	5%	\$ 6,816,629
FY97	10%	\$ 13,633,258
FY98	25%	\$ 34,083,144
FY99	30%	\$ 40,899,773
FY00	25%	\$ 34,083,144
FY01	5%	\$ 6,816,629
Total	100%	\$ 136,332,576

Phased Over 4 Years

25%	\$ 34,083,144
25%	\$ 34,083,144
25%	\$ 34,083,144
25%	\$ 34,083,144
Total	\$ 136,332,576

Purpose: Summarize MILCON Requirements for Alternative 2. Same as Option 1 except assume F/EF-111 workload is phased out. MILCON is essentially the same; however, LTC Pitcher deleted the cold proof construction (\$10.52M) at Hill.

Source: AFRES, AFMC21, AF/CEP, AF/LGMM, and AF/CEH Inputs

**GAINING BASE: ROBINS**

Unit	Description	Cost (\$M)
	None	0
	Subtotal	0

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	New A/C Maintenance Dock	0.305
ALC	Hydraulics Reconfig	0.968
ALC	QL Facilities	15.4
ALC	Instruments	0.525
ALC	New/Renovate Admin Space	3.33
	Subtotal	20.528

**GAINING BASE: OFFUT**

Unit	Description	Cost (\$M)
AFTAC	Renovate Facilities	4.4
AFTAC	Airman Dormitory	1.68
	Subtotal	6.08

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	3&6 Story Tower	1.5
ALC	40000 sf High Bay	8.2
ALC	Renovate Bldg 100C	0.07
ALC	Renovate Bldg 5N	1.543
ALC	Construct Test Platform	0.365
ALC	Tower Supports	0.251
ALC	Renovate Bldg 265	1.3
ALC	Construct Test Cells	0.3
ALC	Renovate Bldg 11	0.95
ALC	New/Renovate Admin Space	9.51
	Subtotal	20.989

**GAINING BASE: MOFFETT**

Unit	Description	Cost (\$M)
USCG	Beddown 4 C-130s	22.12
	Subtotal	22.12

**GAINING BASE: TRAVIS**

Unit	Description	Cost (\$M)
1827 EIS	Dormitory	1.27
Det 42	Secure Facilities	23.54
	Subtotal	24.81

**GAINING BASE: BASE X**

Unit	Description	Cost (\$M)
	None	0
	Subtotal	0

Facilities Total:	97.527
MFH Total	0

**GRAND TOTAL: \$ 97.53 M**

McCLELLAN

## Production Transition Costs

Purpose. This worksheet calculates Production Transition Costs (formerly called Interim Production Support Costs) for realignment alternatives. Data will be used to evaluate the cost impact of consolidating Air Logistic Center workload.

(A) REQUIREMENT - LOSING ORGANIZATION	DPAH		HOURS MOVED	
FY 95	5%	5,415,000		270,750
FY 96	10%	5,249,000		524,900
FY 97	25%	5,266,000		1,316,500
FY 98	30%	5,160,000		1,548,000
FY 99	25%	5,160,000		1,290,000
FY 00	5%	5,160,000		258,000
	-----	-----		-----
	100.00%	31,410,000		5,208,150
(B) WORKDAYS				261
(C) DAYS OF IPS REQUIRED				86
(D) IPS % (C/B)				32.95%
(E) IPS HRS REQUIRED				1,716,095
(F) TOTAL SURGE CAPABILITY				25.00%
SURGE CAPABILITY LOSING CENTER 10%			10.00%	
SURGE CAPABILITY GAINING CENTER 15%			15.00%	
=====				
(G) ORGANIC HOURS/ORGANIC COSTS				
TOTAL REQUIREMENT			429,024	
RCC Rates w/o Materials				
SM-ALC \$49.32	\$14.66	10.00%	42,902	\$1,057,973
GAINING ALC:				
OC-ALC \$47.93	\$13.97	25.00%	96,530	\$2,313,350
OO-ALC \$48.15	\$14.08	70.00%	270,285	\$6,507,112
SA-ALC \$47.28	\$0.00	0.00%	0	\$0
SM-ALC \$49.32	\$24.66	0.00%	0	\$0
WR-ALC \$41.98	\$21.99	5.00%	19,306	\$405,234
-----				
TOTALS		100.00%		\$9,225,697
TOTAL ORGANIC COST				\$10,283,670
=====				
(H) NON ORGANIC % (100%-F)				75.00%
(I) NON ORGANIC HOURS (E*H)				1,287,072
(J) CONTRACT %				50.00%
(K) CONTRACT HOURS (I*J)				643,536
(L) CONTRACTOR DIFFERENTIAL				\$19,773
(M) ADDITIVE CONTRACT COST (K*L)				\$12,695,674
=====				
(N) UNSUPPORTABLE WORKLOAD % (DURING TRANSITION) (100%-F-J)				25.00%
(O) UNSUPPORTABLE HOURS (I*N)				643,536
(P) CATCH UP COST				
GAINING ALC:				
OC-ALC \$47.93		25.00%	160,884	\$7,711,167
OO-ALC \$48.15		70.00%	450,475	\$21,591,269
SA-ALC \$47.28		0.00%	0	\$0
SM-ALC \$49.32		0.00%	0	\$0
WR-ALC \$41.98		5.00%	32,177	\$1,542,233
-----				
TOTAL				\$30,844,670
=====				
(R) TOTAL PRODUCTION TRANSITION COST: (G TOTAL+M+P TOTAL)				\$53,824,013

ORGANIC PREMOVE	\$10,283,670
CONTRACT	\$12,695,674
ORGANIC POST MOVE	\$30,844,670
TOTAL	\$53,824,013

## TRANSPORTATION SPREADSHEET

Purpose: This worksheet estimates transportation costs for mission/support equipment and inventories. Data will be used for evaluating the cost impact of consolidating AF installations.

**Location: McClellan AFB**

<b>1. EQUIPMENT TRANSFER</b>			
a.	EQUIPMENT ACQUISITION COSTS PER GO17		
	WEAPON SYSTEM SUPPORT EQUIPMENT		\$0
	APPROPRIATED FUND		\$0
	OVER 5K		\$1,593,957,554
	UNDER 5K		\$0
	<b>TOTAL</b>		\$1,593,957,554
b.	EXCESS EQUIPMENT	PERCENT	
	WEAPON SYSTEM SUPPORT EQUIPMENT	24.00%	\$0
	APPROPRIATED FUND	24.00%	\$0
	NON APPROPRIATED FUND	24.00%	\$382,549,813
	OTHER	24.00%	\$0
	<b>TOTAL VALUE OF EXCESSED EQUIPMENT</b>		\$382,549,813
c.	REPURCHASE VS MOVE		
	WEAPON SYSTEM SUPPORT EQUIPMENT	5.00%	\$0
	APPROPRIATED FUND	5.00%	\$0
	NON APPROPRIATED FUND	5.00%	\$60,570,387
	OTHER	5.00%	\$0
	<b>(A) TOTAL EQUIPMENT REPURCHASES</b>		\$60,570,387
	COST TO RELOCATE EQUIPMENT		
	REMAINING EQUIPMENT VALUE		\$1,150,837,354
d.	P,C,H (WESTING HOUSE)	2.50%	\$28,770,934
e.	TRANSPORTATION (DST)	0.50%	\$5,754,187
f.	REMOVE AND REINSTALL (SM-ALC/MFDE)	1.0%	\$11,508,374
	<b>(B) TOTAL COST TO MOVE EQUIPMENT</b>		\$46,033,494
	COST TO DISPOSE OF EXCESS EQUIPMENT (DRMO)		
	EQUIPMENT VALUE		\$382,549,813
g.	<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>	1.00%	\$3,825,498
	(A) EQUIPMENT REPURCHASES		\$60,570,387
	(B) COST TO RELOCATE EQUIPMENT		\$46,033,494
	(C) DISPOSAL COST OF EXCESS EQUIPMENT		\$3,825,498
	<b>TOTAL EQUIPMENT COSTS</b>		\$110,429,379

CONTINUED ON  
NEXT PG

## TRANSPORTATION SPREADSHEET

2. INVENTORIES

a.	STOCK FUND		\$7,782,861,153
	TOTAL		=====
			\$7,782,861,153
b.	AMOUNT TO MOVE	30.00%	\$2,334,858,346
c.	COST TO RELOCATE	1.00%	\$23,348,583
d.	<b>TOTAL INVENTORY COSTS</b>		<b>\$23,348,583</b>

3. MATERIAL DAMAGE

a.	EQUIPMENT		\$1,150,837,354
	(TVA)*TIMES HANDLED*.0001	HANDLING	
b.	INVENTORY	8	\$920,670
			\$2,334,858,346
	((TVA INVENTORY)*TIMES HANDLED*.0001)	HANDLING	
	<b>TOTAL MATERIAL DAMAGE COST</b>	4	<b>\$933,943</b>
			<b>\$1,854,613</b>

4. TOTAL EQUIPMENT TRANSPORTATION COSTS FOR

McClellan AFB

TOTAL EQUIPMENT REPURCHASES	\$60,570,387
TOTAL COST TO MOVE EQUIPMENT	\$46,033,494
DISPOSAL COSTS FOR EXCESS EQUIPMENT	\$3,825,498
INVENTORY	\$23,348,583
MATERIAL DAMAGE	\$1,854,613
<b>TOTAL</b>	<b>\$135,632,576</b>

Purpose: Summarize additive MILCON Requirements for Alternative 3, Dual Closure.

Source: AFRES, AFMC21, AF/CEP, AF/LGMM, and AF/CEH Inputs

### GAINING BASE: TINKER

Unit	Description	Cost (\$M)
	TTB Hangar	12.58
ALC	Add'l New MILCON for Admin	8.81
	Add'l 90 MFH Units	11.74
	Subtotal	33.13

### GAINING BASE: HILL

Unit	Description	Cost (\$M)
ALC	Add'l New MILCON for Admin	10.71
	Subtotal	10.71

Facilities Total:	32.1
MFH Total:	11.74

**GRAND TOTAL: \$ 43.84 M**

This MILCON sheet identifies the additional MILCON resulting from a dual closure scenario. These costs are ADDITIVE to the ones reflected in the individual closure COBRA runs. The TTB Hangar cost of \$12.58M was provided by LTC Pitcher, LGMM. The remaining costs were calculated as such:

**Add'l New MILCON for Admin at Tinker** -- Alternative 1 reflects a cost of \$19.87M for this category and Alternative 2 reflects a cost of \$3.33M. The combined total currently reflected in the data files is (\$23.2M); however, AF/CEP identified a MILCON bill of \$32.01M for the dual closure scenario. As a result, an additional \$8.81M must be entered into the additive file.

**Add'l 90 MFH Units at Tinker** -- Alternative 1 reflects a cost of \$12.13M for 93 MFH units at Tinker. AF/CEP identified a MILCON bill of \$23.87M for 183 MFH units under the dual closure scenario. As a result, an additional \$11.74M for 90 additional MFH units must be entered into the additive file.

**Add'l New MILCON for Admin at Hill** -- Alternative 2 reflects a cost of \$9.51M for this category. AF/CEP identified a MILCON bill of \$20.22M for the dual closure scenario. As a result, an additional \$10.71M must be entered into the additive file.

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MILCON.XLS



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

24 MAR 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT

SUBJECT: USAF BRAC '95 Depot Information

In response to your request for depot information via questions to AF/LGM on 16 Mar 95 and your fax to AF/RTR on 18 Mar 95, the previously submitted depot manpower data has Hill and Tinker AFBs mislabeled (Ogden ALC and Oklahoma City ALC). The attached data corrects this error. This is all part of AF Tasker #247.

A handwritten signature in cursive script, reading "Jay D. Blume, Jr.", is positioned above the typed name.

JAY D. BLUME, JR., Maj Gen, USAF  
Special Assistant to the Chief of Staff  
for Realignment and Transition

HILL  
AIR LOGISTICS CENTER MANPOWER HISTORY

	<u>FY 88</u>	<u>FY 89</u>	<u>FY 90</u>	<u>FY 91</u>	<u>FY 92</u>	<u>FY 93</u>	<u>FY 94</u>	<u>FY 95</u>	<u>FY 96</u>	<u>FY 97</u>	<u>FY 98</u>	<u>FY 99</u>	<u>FY 00</u>	<u>FY 01</u>
<b>HILL AFB (Ogden ALC)</b>														
Foreign Military Sales (FMS)														
OFF	9	10	8	8	3	6	6	6	6	6	6	6	6	6
ENL	3	3	1	1	4	4	4	4	4	4	4	4	4	4
CIV	<u>713</u>	<u>770</u>	<u>671</u>	<u>599</u>	<u>487</u>	<u>577</u>	<u>761</u>	<u>754</u>	<u>753</u>	<u>753</u>	<u>753</u>	<u>753</u>	<u>753</u>	<u>753</u>
TOT	725	783	680	608	494	587	771	764	763	763	763	763	763	763
Depot Maintenance (Maint)														
OFF	45	47	46	45	45	27	27	26	26	26	26	26	26	26
ENL	356	358	357	355	355	352	353	326	326	326	326	326	326	326
CIV	<u>6,634</u>	<u>6,553</u>	<u>6,696</u>	<u>5,611</u>	<u>5,567</u>	<u>5,427</u>	<u>4,571</u>	<u>4,269</u>	<u>4,205</u>	<u>4,205</u>	<u>4,205</u>	<u>4,205</u>	<u>4,205</u>	<u>4,205</u>
TOT	7,035	6,958	7,099	6,011	5,967	5,806	4,951	4,621	4,557	4,557	4,557	4,557	4,557	4,557
Materiel Management (MM)														
OFF	126	119	107	108	112	105	109	111	111	111	111	111	111	111
ENL	106	102	102	102	112	94	65	98	98	98	98	98	98	98
CIV	<u>2,392</u>	<u>2,150</u>	<u>1,854</u>	<u>1,631</u>	<u>1,583</u>	<u>1,082</u>	<u>930</u>	<u>856</u>	<u>789</u>	<u>789</u>	<u>789</u>	<u>789</u>	<u>789</u>	<u>789</u>
TOT	2,624	2,371	2,063	1,841	1,807	1,281	1,104	1,065	998	998	998	998	998	998
Central Contracting (PK)														
OFF	16	16	16	15	11	12	12	11	11	11	11	11	11	11
ENL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIV	<u>437</u>	<u>410</u>	<u>410</u>	<u>380</u>	<u>324</u>	<u>233</u>	<u>162</u>	<u>168</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>
TOT	453	426	426	395	335	245	174	179	161	161	161	161	161	161
Management Overhead (MGMT)														
OFF	9	10	10	10	9	8	7	7	7	7	7	7	7	7
ENL	11	13	13	12	12	12	12	12	12	12	12	12	12	12
CIV	<u>67</u>	<u>71</u>	<u>77</u>	<u>74</u>	<u>67</u>	<u>58</u>	<u>55</u>	<u>44</u>						
TOT	87	94	100	96	88	78	74	63	63	63	63	63	63	63
Communications & Computers (COMM/COMP)														
OFF	5	5	5	8	11	12	8	8	8	8	8	8	8	8
ENL	-	-	-	93	99	134	101	100	95	95	95	95	95	95
CIV	<u>523</u>	<u>497</u>	<u>472</u>	<u>451</u>	<u>397</u>	<u>358</u>	<u>82</u>	<u>75</u>	<u>79</u>	<u>79</u>	<u>79</u>	<u>79</u>	<u>79</u>	<u>79</u>
TOT	528	502	477	552	507	504	191	183	182	182	182	182	182	182
Medical (MED)														
OFF	72	81	89	90	101	98	104	105	105	105	105	105	105	105
ENL	179	180	190	196	202	194	197	208	205	205	205	205	205	205
CIV	<u>87</u>	<u>85</u>	<u>97</u>	<u>118</u>	<u>136</u>	<u>129</u>	<u>128</u>	<u>107</u>	<u>103</u>	<u>103</u>	<u>103</u>	<u>103</u>	<u>103</u>	<u>103</u>
TOT	338	346	376	404	439	421	429	420	413	413	413	413	413	413
Base Operating Support (BOS)														
OFF	73	73	71	79	81	76	74	71	71	71	71	71	71	71
ENL	1,066	1,067	1,062	1,093	1,053	993	948	900	888	888	888	888	888	888
CIV	<u>3,504</u>	<u>3,378</u>	<u>3,238</u>	<u>3,186</u>	<u>2,228</u>	<u>1,623</u>	<u>1,576</u>	<u>1,385</u>	<u>1,149</u>	<u>1,149</u>	<u>1,149</u>	<u>1,149</u>	<u>1,149</u>	<u>1,149</u>
TOT	4,643	4,518	4,371	4,358	3,362	2,692	2,598	2,356	2,108	2,108	2,108	2,108	2,108	2,108
<b>TOTAL ALC MANPOWER</b>														
OFF	355	361	352	363	373	344	347	345	345	345	345	345	345	345
ENL	1,721	1,723	1,725	1,852	1,837	1,783	1,680	1,648	1,628	1,628	1,628	1,628	1,628	1,628
CIV	<u>14,357</u>	<u>13,914</u>	<u>13,515</u>	<u>12,050</u>	<u>10,789</u>	<u>9,487</u>	<u>8,265</u>	<u>7,658</u>	<u>7,272</u>	<u>7,272</u>	<u>7,272</u>	<u>7,272</u>	<u>7,272</u>	<u>7,272</u>
TOT	16,433	15,998	15,592	14,265	12,999	11,614	10,292	9,651	9,245	9,245	9,245	9,245	9,245	9,245

KELLY  
AIR LOGISTICS CENTER MANPOWER HISTORY

	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01
<b>KELLY AFB (San Antonio ALC)</b>														
Foreign Military Sales (FMS)														
OFF	17	18	19	17	17	16	15	15	15	15	15	15	15	15
ENL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIV	762	705	616	573	684	578	681	722	708	708	708	708	708	708
TOT	779	723	635	590	701	594	696	737	723	723	723	723	723	723
Depot Maintenance (Maint)														
OFF	43	39	38	38	37	35	35	34	34	34	34	34	34	34
ENL	146	143	143	143	143	159	159	128	128	128	128	128	128	128
CIV	7,600	7,584	7,448	6,660	6,817	7,048	5,661	5,835	5,358	5,358	5,358	5,358	5,358	5,358
TOT	7,789	7,766	7,629	6,841	6,997	7,242	5,855	5,997	5,520	5,520	5,520	5,520	5,520	5,520
Materiel Management (MM)														
OFF	150	149	131	127	127	117	107	101	97	97	97	97	97	97
ENL	352	352	347	320	331	347	135	130	130	130	130	130	130	130
CIV	2,940	2,797	2,519	2,357	2,803	2,639	2,174	2,000	2,080	2,080	2,080	2,080	2,080	2,080
TOT	3,442	3,298	2,997	2,804	3,261	3,103	2,416	2,231	2,307	2,307	2,307	2,307	2,307	2,307
Central Contracting (PK)														
OFF	17	17	17	16	13	13	13	12	13	13	13	13	13	13
ENL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIV	646	598	586	538	492	431	373	328	357	357	357	357	357	357
TOT	663	615	603	554	505	444	386	341	370	370	370	370	370	370
Management Overhead (MGMT)														
OFF	7	6	7	7	8	9	9	8	8	8	8	8	8	8
ENL	12	12	12	11	11	11	11	11	11	11	11	11	11	11
CIV	73	79	85	87	70	56	48	45	45	45	45	45	45	45
TOT	92	97	104	105	89	76	68	64	64	64	64	64	64	64
Communications & Computers (COMM/COMP)														
OFF	4	4	4	7	8	7	5	14	14	14	14	14	14	14
ENL	-	-	-	152	166	171	150	226	218	218	218	218	218	218
CIV	408	392	374	431	358	278	96	266	266	266	266	266	266	266
TOT	412	396	378	590	532	456	251	506	498	498	498	498	498	498
Medical (MED)														
OFF	8	9	11	12	46	42	43	49	49	49	49	49	49	49
ENL	20	20	19	20	104	105	110	119	119	119	119	119	119	119
CIV	31	31	30	33	74	73	75	67	64	64	64	64	64	64
TOT	59	60	60	65	224	220	228	235	232	232	232	232	232	232
Base Operating Support (BOS)														
OFF	65	67	69	66	64	54	63	80	83	83	83	83	83	83
ENL	559	568	556	527	474	466	455	652	651	651	651	651	651	651
CIV	4,235	4,071	3,976	3,666	2,889	1,447	1,400	1,601	1,578	1,578	1,578	1,578	1,578	1,578
TOT	4,859	4,706	4,601	4,259	3,427	1,967	1,918	2,333	2,312	2,312	2,312	2,312	2,312	2,312
<b>TOTAL ALC MANPOWER</b>														
OFF	311	309	296	290	320	293	290	314	313	313	313	313	313	313
ENL	1,089	1,095	1,077	1,173	1,229	1,259	1,020	1,266	1,257	1,257	1,257	1,257	1,257	1,257
CIV	16,695	16,257	15,634	14,345	14,187	12,550	10,508	10,864	10,456	10,456	10,456	10,456	10,456	10,456
TOT	18,095	17,661	17,007	15,808	15,736	14,102	11,818	12,444	12,026	12,026	12,026	12,026	12,026	12,026

MCCLELLAN  
AIR LOGISTICS CENTER MANPOWER HISTORY

	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01
<b>MCCLELLAN AFB (Sacramento ALC)</b>														
Foreign Military Sales (FMS)														
OFF	13	10	8	8	4	4	4	4	4	4	4	4	4	4
ENL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIV	527	401	279	212	203	187	367	378	374	374	374	374	374	374
TOT	540	411	287	220	207	191	371	382	378	378	378	378	378	378
Depot Maintenance (Maint)														
OFF	40	40	40	40	40	40	33	32	32	32	32	32	32	32
ENL	263	263	262	260	259	252	248	183	183	183	183	183	183	183
CIV	6,026	6,035	6,045	5,415	5,322	5,354	5,104	4,890	4,480	4,480	4,480	4,480	4,480	4,480
TOT	6,329	6,338	6,347	5,715	5,621	5,646	5,385	5,105	4,695	4,695	4,695	4,695	4,695	4,695
Material Management (MM)														
OFF	104	105	100	100	112	97	96	81	80	80	80	80	80	80
ENL	90	91	93	91	153	30	29	23	23	23	23	23	23	23
CIV	2,283	2,301	2,297	2,093	2,421	1,884	1,634	1,284	1,440	1,440	1,440	1,440	1,440	1,440
TOT	2,477	2,497	2,490	2,284	2,686	2,011	1,759	1,388	1,543	1,543	1,543	1,543	1,543	1,543
Central Contracting (PK)														
OFF	16	16	16	14	11	11	11	10	10	10	10	10	10	10
ENL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIV	326	333	304	280	251	174	171	128	112	112	112	112	112	112
TOT	342	349	320	294	262	185	132	118	122	122	122	122	122	122
Management Overhead (MGMT)														
OFF	13	13	13	14	13	10	7	6	6	6	6	6	6	6
ENL	22	22	22	22	22	12	14	13	13	13	13	13	13	13
CIV	61	64	72	71	64	58	38	29	30	30	30	30	30	30
TOT	96	99	107	107	99	80	59	48	49	49	49	49	49	49
Communications & Computers (COMM/COMP)														
OFF	3	3	3	11	11	26	35	18	17	17	17	17	17	17
ENL	-	-	22	269	293	292	299	269	255	255	255	255	255	255
CIV	477	458	443	457	356	346	157	117	127	127	127	127	127	127
TOT	480	461	468	737	660	664	491	404	399	399	399	399	399	399
Medical (MED)														
OFF	38	40	46	54	57	146	157	157	157	157	157	157	157	157
ENL	110	109	121	127	346	365	320	396	393	393	393	393	393	393
CIV	84	83	91	92	94	161	167	147	141	141	141	141	141	141
TOT	232	232	258	273	497	672	644	700	691	691	691	691	691	691
Base Operating Support (BOS)														
OFF	62	64	64	61	52	56	54	68	68	68	68	68	68	68
ENL	973	1,015	1,039	1,133	1,097	885	836	698	689	689	689	689	689	689
CIV	3,964	3,825	3,554	3,301	1,730	1,517	1,382	1,113	1,090	1,090	1,090	1,090	1,090	1,090
TOT	4,999	4,904	4,657	4,495	2,879	2,458	2,272	1,879	1,847	1,847	1,847	1,847	1,847	1,847
<b>TOTAL ALC MANPOWER</b>														
OFF	289	291	290	302	300	390	397	376	374	374	374	374	374	374
ENL	1,458	1,500	1,559	1,902	2,170	1,836	1,746	1,582	1,556	1,556	1,556	1,556	1,556	1,556
CIV	13,748	13,500	13,085	11,921	10,441	9,681	8,970	8,066	7,794	7,794	7,794	7,794	7,794	7,794
TOT	15,495	15,291	14,934	14,125	12,911	11,907	11,113	10,024	9,724	9,724	9,724	9,724	9,724	9,724

ROBINS  
AIR LOGISTICS CENTER MANPOWER HISTORY

	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01
<b>ROBINS AFB (Warner Robins ALC)</b>														
Foreign Military Sales (FMS)														
OFF	7	7	7	7	6	4	8	8	8	8	8	8	8	8
ENL	-	-	-	-	-	-	-	1	1	1	1	1	1	1
CIV	589	598	490	489	577	448	471	520	514	514	514	514	514	514
TOT	596	605	497	496	583	452	479	529	523	523	523	523	523	523
Depot Maintenance (Maint)														
OFF	39	39	39	40	37	37	37	37	37	37	37	37	37	37
ENL	136	136	135	135	135	138	138	158	158	158	158	158	158	158
CIV	6,132	6,213	6,399	5,913	6,147	6,308	6,349	6,101	5,632	5,632	5,632	5,632	5,632	5,632
TOT	6,307	6,388	6,573	6,088	6,319	6,483	6,524	6,296	5,827	5,827	5,827	5,827	5,827	5,827
Material Management (MM)														
OFF	108	103	87	88	96	95	97	101	101	101	101	101	101	101
ENL	18	18	19	20	83	38	28	26	26	26	26	26	26	26
CIV	2,887	2,634	2,286	2,122	2,817	2,205	1,730	1,560	1,553	1,553	1,553	1,553	1,553	1,553
TOT	3,013	2,755	2,392	2,230	2,996	2,338	1,855	1,687	1,680	1,680	1,680	1,680	1,680	1,680
Central Contracting (PK)														
OFF	18	18	17	17	15	15	14	11	11	11	11	11	11	11
ENL	1	1	1	1	-	-	-	-	-	-	-	-	-	-
CIV	575	540	515	425	386	314	234	213	208	208	208	208	208	208
TOT	594	559	533	443	401	329	248	224	219	219	219	219	219	219
Management Overhead (MGMT)														
OFF	7	7	7	6	6	6	6	5	5	5	5	5	5	5
ENL	4	4	3	4	4	5	5	5	5	5	5	5	5	5
CIV	72	76	80	77	78	58	51	50	49	49	49	49	49	49
TOT	83	87	90	87	88	69	62	60	59	59	59	59	59	59
Communications & Computers (COMM/COMP)														
OFF	6	6	6	9	9	10	8	8	8	8	8	8	8	8
ENL	1	1	1	71	85	120	108	107	99	99	99	99	99	99
CIV	405	389	368	351	292	240	58	48	45	45	45	45	45	45
TOT	412	396	375	431	386	370	174	163	152	152	152	152	152	152
Medical (MED)														
OFF	82	86	89	91	100	102	104	108	108	108	108	108	108	108
ENL	181	183	189	185	194	198	207	236	233	233	233	233	233	233
CIV	86	95	107	115	109	126	127	114	109	109	109	109	109	109
TOT	349	364	385	391	403	426	438	458	450	450	450	450	450	450
Base Operating Support (BOS)														
OFF	74	75	76	80	69	63	59	79	79	79	79	79	79	79
ENL	894	895	852	880	793	726	708	685	728	728	728	728	728	728
CIV	3,749	3,507	3,152	3,418	2,499	1,401	1,367	1,434	1,473	1,473	1,473	1,473	1,473	1,473
TOT	4,717	4,477	4,087	4,378	3,361	2,190	2,134	2,198	2,280	2,280	2,280	2,280	2,280	2,280
<b>TOTAL ALC MANPOWER</b>														
OFF	341	341	328	338	338	332	333	357	357	357	357	357	357	357
ENL	1,235	1,238	1,200	1,296	1,294	1,225	1,194	1,218	1,250	1,250	1,250	1,250	1,250	1,250
CIV	14,495	14,052	13,404	12,910	12,905	11,100	10,387	10,040	9,583	9,583	9,583	9,583	9,583	9,583
TOT	16,071	15,631	14,932	14,544	14,537	12,657	11,914	11,615	11,190	11,190	11,190	11,190	11,190	11,190

TINKER  
AIR LOGISTICS CENTER MANPOWER HISTORY

	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01
<b>TINKER AFB (Oklahoma City ALC)</b>														
Foreign Military Sales (FMS)														
OFF	8	4	4	4	4	4	3	2	2	2	2	2	2	2
ENL	-	-	-	1	1	1	-	-	-	-	-	-	-	-
CIV	493	502	437	423	388	366	421	417	412	412	412	412	412	412
TOT	501	506	441	428	393	371	424	419	414	414	414	414	414	414
Depot Maintenance (Maint)														
OFF	45	45	45	46	46	46	45	45	45	45	45	45	45	45
ENL	109	108	109	109	109	128	128	117	117	117	117	117	117	117
CIV	7,844	7,851	7,800	6,070	5,991	6,389	6,140	6,047	5,957	5,957	5,957	5,957	5,957	5,957
TOT	7,998	8,004	7,954	6,225	6,146	6,563	6,313	6,209	6,119	6,119	6,119	6,119	6,119	6,119
Materiel Management (MM)														
OFF	91	91	82	82	80	71	76	79	79	79	79	79	79	79
ENL	18	18	18	57	17	17	17	17	16	16	16	16	16	16
CIV	3,321	3,077	2,922	2,766	3,072	2,446	1,954	1,704	1,685	1,685	1,685	1,685	1,685	1,685
TOT	3,430	3,186	3,022	2,905	3,169	2,534	2,047	1,800	1,780	1,780	1,780	1,780	1,780	1,780
Central Contracting (PK)														
OFF	17	17	17	15	15	13	12	12	12	12	12	12	12	12
ENL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CIV	561	538	473	420	409	334	268	210	222	223	223	223	223	223
TOT	578	555	490	435	424	347	280	231	235	235	235	235	235	235
Management Overhead (MCONV)														
OFF	7	7	8	8	8	8	7	6	6	6	6	6	6	6
ENL	11	11	11	12	12	3	3	3	3	3	3	3	3	3
CIV	83	86	91	83	79	81	76	65	66	66	66	66	66	66
TOT	101	104	110	103	99	92	86	74	75	75	75	75	75	75
Communications & Computers (COMM/COMP)														
OFF	2	2	2	6	9	9	8	8	8	8	8	8	8	8
ENL	-	-	-	150	162	226	193	192	184	184	184	184	184	184
CIV	538	517	487	507	455	424	92	90	90	90	90	90	90	90
TOT	540	519	489	663	626	659	293	290	282	282	282	282	282	282
Medical (MED)														
OFF	106	111	118	123	133	142	147	144	143	143	143	143	143	143
ENL	253	258	277	272	271	291	320	352	348	348	348	348	348	348
CIV	117	123	139	152	154	143	144	139	133	133	133	133	133	133
TOT	476	492	534	547	558	576	611	635	624	624	624	624	624	624
Base Operating Support (BOS)														
OFF	69	70	71	76	75	70	64	61	61	61	61	61	61	61
ENL	973	1,015	1,039	1,133	1,097	885	836	809	798	798	798	798	798	798
CIV	3,964	3,825	3,554	3,301	1,730	1,517	1,382	1,348	1,344	1,344	1,344	1,344	1,344	1,344
TOT	5,006	4,910	4,664	4,510	2,902	2,472	2,282	2,218	2,203	2,203	2,203	2,203	2,203	2,203
<b>TOTAL ALC MANPOWER</b>														
OFF	345	347	347	360	370	363	362	357	356	356	356	356	356	356
ENL	1,364	1,410	1,454	1,734	1,669	1,551	1,497	1,490	1,466	1,466	1,466	1,466	1,466	1,466
CIV	16,921	16,519	15,903	13,722	12,278	11,700	10,477	10,029	9,910	9,910	9,910	9,910	9,910	9,910
TOT	18,630	18,276	17,704	15,816	14,317	13,614	12,336	11,876	11,732	11,732	11,732	11,732	11,732	11,732



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

12 8 MAR 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT

SUBJECT: USAF BRAC '95 Depot Information

Attached is an updated status of the questions and information requested by your office. Please note a column has been added to indicate whether our response is based on certified or uncertified data (in accordance with Mr. Robert E. Bayer's 17 March memo).

Any questions can be referred to my point of contact, Lt Col Louise Eckhardt,  
DSN 225-4578.

A handwritten signature in cursive script, reading "Jay D. Blume, Jr.", is positioned above the typed name.

JAY D. BLUME, Jr., Maj Gen., USAF  
Special Assistant to the CSAF for  
Realignment and Transition

## Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Data Type	OPR	Comments
078-01a	Describe structures of ALC	16 Mar 95	Ann Reese	UCD	AFMC/XP Mr. Van Gilst	Provided 22 March 1995
078-01b	List major organizational components of each ALC	16 Mar 95	Ann Reese	UCD	AFMC/XP Mr. Van Gilst	Provided 22 March 1995
078-01c	Provide numbers of personnel for each ALC (authorizations FY 88-95 and projections 95-01)	16 Mar 95	Ann Reese	N/A	AFMC/XP	Superseded by 080-04a
078-01d	Provide numbers of personnel for each ALC installation, each ALC, and each ALC major organizational component (actual on-board as of 1 October, 1994)	16 Mar 95	Ann Reese	N/A	AFMC/XP	Superseded by 080-04b
078-01e	Provide numbers of personnel for each major organization within each ALC (authorizations FY 88-95)	16 Mar 95	Ann Reese	N/A	AFMC/XP	Superseded by 080-04c
078-01f	Provide numbers of supervisors and numbers of "hands-on" personnel for each ALC and for each major organizational component of each ALC	16 Mar 95	Ann Reese	N/A	AFMC/XP	Superseded by 080-01d
078-01g	Describe relationship of maintenance function to other function within ALC	16 Mar 95	Ann Reese	UCD	AFMC/XP	Information provided during Mr. Orr's briefing. BRAC staff has been copy
078-01h	List other functions collocated with the ALC's (i.e. DISA Megacenters)	16 Mar 95	Ann Reese	N/A	AFMC/XP Lt Col Eckhardt	Superseded by 080-01e
078-02a	Why are personnel eliminated numbers based on efficiency factor rather than specific workload data utilized by Army and Navy	16 Mar 95	Ann Reese	UCD	AFMC/XP	Answer Provided 21 March 1995
078-02b	What was the basis for the 15% factor for eliminating positions through consolidation of like workload?	16 Mar 95	Ann Reese	UCD	AFMC/XP	Answer Provided 21 March 1995
078-02c	Why were positions eliminated on the Air Force depot closure scenario based on a 6% efficiency factor?	16 Mar 95	Ann Reese	UCD	Capl Cogkins Lt Col Callahan	Answer Provided 22 March 1995
078-02d	What was the basis for the % of positions moved vs. eliminated as a result of a closure action?	16 Mar 95	Ann Reese	DCD	AF/REP Lt Col Callahan	Answer Provided 22 March 1995
078-03a	One time cost to close vs. one time cost to realign	16 Mar 95	Ann Reese	DCD	AF/RTR Lt Col Callahan	Superseded by 080-05a-g If further information is needed, please provide more specific questions
078-03b	Cost of annual maintenance of 5 depots vs. 3	16 Mar 95	Ann Reese	DCD	AF/RTR Lt Col O'Neill	Answer Provided 22 March 1995
078-03c	Cost of modernizing 5 depots vs. 3	16 Mar 95	Ann Reese	DCD	AF/RTR Lt Col O'Neill	Answer Provided 22 March 1995
078-04a	How was the 15% "Industrial benefit factor" considered when sizing the ALCs?	16 Mar 95	Ann Reese	DCD	AF/LGNM Lt Col Pitcher	Answer provided on 27 March 1995

(C) Certified Data, DRD-Derived from Certified Data, (U) D-Uncertified Data

078-03 07905 3:22 PM

Prepared by Major Kevin Gamache, AF/LGNM, 703 607 8775, ext 10797, Fax 607 881, email: kgamache@patosu2.hq.af.mil

## Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Data Type	OPR	Comments
078-01b	Why was CORE reduced 15%?	16 Mar 95	Ann Reese	DCD	AF/LGMM Lt Col Pitcher	Answer Provided on 27 March 1995
078-01c	Why does capacity now equal the CORE workload?	16 Mar 95	Ann Reese	DCD	AF/LGMM Lt Col Pitcher	Answer Provided on 27 March 1995
078-05a	What percentage of the ALC activity square footage will be mothballed or demolished and why?	16 Mar 95	Ann Reese	N/A	AFM/CXP Lt Col Pitcher	Superseded by 080-07g
078-05b	What is the basis of support for \$24 million in demolition costs?	16 Mar 95	Ann Reese	N/A	AFM/CXP	Superseded by 080-07g
078-05c	What is the remaining useable square footage of each ALC?	16 Mar 95	Ann Reese	N/A	AFM/CCE	Superseded by 080-07e
078-05d	What is the basis for the \$14 million cost for the renovation of shop space?	16 Mar 95	Ann Reese		AFM/CCE	
078-05e	Why is the Air Force only now identifying/validating specific buildings for demolition/mothballing?	16 Mar 95	Ann Reese	UCD	AF/LGMM Lt Col Pitcher	Answer Provided on 21 March 1995
078-05f	Why weren't the numbers based on requirements certified by local commanders?	16 Mar 95	Ann Reese	UCD	AF/LGMM Lt Col Pitcher	Answer Provided on 21 March 1995
078-07a	Installation tiering vs. depot activity tiering: which was given to the Joint Cross Service Group and why?	16 Mar 95	Ann Reese	DCD	AF/RTR Lt Col Echols	Answer Provided on 22 March 1995
078-08a	Describe workload transfers in terms of hours, by commodity, to and from each ALC	16 Mar 95	Ann Reese	DCD	AF/LGMM Lt Col Pitcher	Supplemented by 78-07a Answer provided 21 March 1995
078-08b	Please discuss in general terms the environmental condition of each ALC installation. Provide costs for compliance and clean-up (information should be available from data calls)	16 Mar 95	Ann Reese	CD	AF/CEV Jack Bush	Superseded by 080-06a Answer provided 21 March 1995
079-01	Did the Air Force consider environmental costs during the BRAC process?	16 Mar 95	Ann Reese	UCD	AF/CEV Jack Bush	Answer provided 21 March 1995
079-02	Please provide copy of 23 Jan 95 Depot Closure briefing from BRAC meeting	17 Mar 95	Ann Reese	CD	AF/RTR Lt Col Eckhardt	No BCEG meeting on 23 Jan 95. Briefing was on 26 Jan 1995. Briefing provided on 21 March 1995
079-03	Please provide details behind downsizing option. Please provide COBRA run if one was done.	17 Mar 95	Ann Reese	CD	AF/LGMM Lt Col Pitcher	Superseded by 080-05g
079-04	Please provide date/details of first time downsizing was discussed	17 Mar 95	Ann Reese	DCD	AF/RTR Lt Col Eckhardt	Minutes of 1 February 1995 BCEG provided on 20 March 1995
079-04	Provide "Air Force only" depot closure COBRA runs briefed during the 23 January 95 BCEG	17 Mar 95	Ann Reese	DCD	AF/RTR Lt Col O'Neill	Superseded by 080-05a-f

1) Certified Data, DRD-Derived from Certified Data, UCD, Uncertified Data

## Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Data Type	OPR	Comments
079-05	Do AF (C)BRA runs include MILCON cost avoidances?	17 Mar 95	Ann Reese	DCD	AF/RTTR Lt Col O'Neill	Answer provided on 21 March 1995
079-05a	What were the military construction projects cost avoidance associated with each depot closure option?	17 Mar 95	Ann Reese	DCD	AF/RTTR Lt Col O'Neill	Answer provided on 21 March 1995
079-06	What is the variance in cost of labor hour between ALC?	17 Mar 95	Ann Reese	CD	AF/LGMM Lt Col Pitcher	Answer provided 21 March 1995
079-07	Provide the 3 charts prepared by Capt Cozzens depicting payroll associated with depot closure and downsizing options.	17 Mar 95	Ann Reese	DCD	AF/LGMM Major	Provided on 21 March 1995
079-08	Provide a copy of the letter from Mr. Boatright to the JCSG with the military values/tiers for depots	17 Mar 95	Ann Reese	CD	AF/LGMM Lt Col Pitcher	Provided on 21 March 1995
079-09	When will a decision be made on which facilities will be mothballed, destroyed, or utilized by other organizations?	17 Mar 95	Ann Reese	UCD	AF/LGMM Lt Col Pitcher	Provided on 22 March 1995
079-10	Provide support data on 6.8 million square feet of space to be effected by downsizing.	17 Mar 95	Ann Reese	UCD	AF/LGMM Lt Col Pitcher	Provided on 21 March 1995
080-11	Provide information on effect of 2-L level vs. 3-L level Maintenance on depot workload	17 Mar 95	Ann Reese		AF/MC/XP	
080-01a	What impact will there be on manpower numbers when fully implemented?	20 Mar 95	Frank Cirillo	CD	AF/PEP	Answer Provided on 22 March 1995
080-01b	Provide manpower authorizations that match force structure plan based on 1995 BRAC recommendations)	20 Mar 95	Frank Cirillo		AF/MC/XP	
080-01c	Provide details of migration of position authorizations (military and civilian) in and out for each ALC function (reductions and reallocations)	20 Mar 95	Frank Cirillo		AF/MC/XP	
080-01d	Provide list of buildings and square footage to be disposed of or mothballed or used by others (indicate category)	20 Mar 95	Frank Cirillo		AF/MC/XP	
080-02a	Provide military construction projects authorized and projects cancelled - dollar value of each and description by ALC, by year 1985-1995	20 Mar 95	Frank Cirillo		AF/MC/XP	
080-02b	Provide military construction projects programmed - dollar value of each and description by ALC, by year 1996-2001	20 Mar 95	Frank Cirillo		AF/MC/XP	
080-03	Base operating costs for Depot Activities, referring to COMRA screen 4, provide depot Industrial Fund totals for the fund total for equivalent RPN/A and HOS non-payroll line for each ALC (See attached screen 4)	20 Mar 95	Frank Cirillo		AF/PEP	Supplements 078-01c Adds request for FY 95 data Answer Provided on 22 March 1995
080-04a	Provide numbers of personnel for each ALC (authorizations FY 88-95 and projections 96-01)	20 Mar 95	Frank Cirillo	CD	AF/PEP	Supplements 078-01d Answer Provided on 22 March 1995
080-04b	Provide numbers of personnel for each ALC installation, each ALC, and each ALC major organizational component (actual on board as of Aug 4 1994)	20 Mar 95	Frank Cirillo		AF/MC/XP	Supplements 078-01d Changes reference date

Certified Data: BRD-Derived from Certified Data, UCD- Uncertified Data

03/27/95 3:32 PM

Printed By: Major Kevin Gammache, AF/LGMM, 703 607 8775, Dept 0088, 1000 33941, email:kgammache@pafosus2.hq.af.mil

## Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Data Type	OPR	Comments
080-01c	Provide numbers of personnel for each major organization within each ALC (authorizations FY 88-95)	20 Mar 95	Frank Cirillo	CD		Supercedes 078-01e Changes reference dates. Info for FY 88-94 provided on 21 March 1995
080-01d	Provide numbers of supervisors and numbers of "hands-on" personnel for each ALC and for each major organizational component of each ALC	20 Mar 95	Frank Cirillo		AFMC/XP	Supercedes 078-01f
080-01e	Provide number of personnel at each function collocated with each ALC (DISA, DFAS, DLA)	20 Mar 95	Frank Cirillo	CD		Supplements 078-01h Adds numbers of personnel. This information is available in Section 1.1A of the BRAC Questionnaire
080-01f	Provide authorization migration and eliminations based on downsize in place strategy (1995 BRAC recommendation)	20 Mar 95	Frank Cirillo		AFMC/XP	
080-05a	Provide Air Force version of COBRA to close Kelly AFB	20 Mar 95	Frank Cirillo	CD		Supercedes 079-04 Answer provided on 21 March 1995
080-05b	Provide Air Force version of COBRA to close McClellan AFB	20 Mar 95	Frank Cirillo	CD		Supercedes 079-04 Answer provided on 21 March 1995
080-05c	Provide Air Force version of COBRA to close Kelly and McClellan AFB	20 Mar 95	Frank Cirillo	CD		Supercedes 079-04 Answer provided on 21 March 1995
080-05d	Provide Air Force version of COBRA to close Kelly ALC	20 Mar 95	Frank Cirillo	CD		Supercedes 079-04 Answer provided on 21 March 1995 Depot Mnx Only Option provided. We did not do an ALC only option. BRAC staff needs to provide assumptions so we can run an ALC only option
080-05e	Provide Air Force version of COBRA to close McClellan ALC	20 Mar 95	Frank Cirillo	CD		Supercedes 079-04 Answer provided on 21 March 1995 Depot Mnx Only Option provided. We did not do an ALC only option. BRAC staff needs to provide assumptions so we can run an ALC only option
080-05f	Provide Air Force version of COBRA to close Kelly and McClellan ALC's	20 Mar 95	Frank Cirillo	CD		Supercedes 079-04 Answer provided on 21 March 1995 Depot Mnx Only Option provided. We did not do an ALC only option. BRAC staff needs to provide assumptions so we can run an ALC only option
080-05g	Provide COBRA for each installation with an ALC for the downsize strategy (1995 BRAC recommendation)	20 Mar 95	Frank Cirillo	CD		Supercedes 079-04 Answer provided on 21 March 1995
080-06a	Provide programmed environmental compliance costs for each ALC installation and	20 Mar 95	Frank	CD		Supercedes 078-08a

D: Certified Data, DRD: Derived from Certified Data, UCD: Uncertified Data

Date: 03/27/95 3:22 PM

Prepared by Major Kevin Gamache, AF/LGMM, 703-697-8775, DSN 227-8775, Fax 855-2811, email: kgamache@pafosu2.hq.af.mil

## Questions/Information Requested by Base Realignment and Closure Commission Staff

Ref Num	Question	Date Rec	Rec From	Data Type	OPR	Comments
080-06b	each ALC, 1995-01 Provide Projected environmental cleanup costs for each ALC installation and each ALC (indicate that portion already contained in the funded program)	20 Mar 95	Cirillo Frank Cirillo	CD		Answer provided on 21 March 1995 Supercedes 078-08a Answer provided on 21 March 1995
080-07a	Provide total square footage by depot in years 1991, 1993, 1995	20 Mar 95	Frank Cirillo		AFMC/XP	
080-07b	Provide total square footage to be mothballed by depot, by ALC, by installation	20 Mar 95	Frank Cirillo		AFMC/XP	
080-07c	Provide total square footage to be demolished by depot, by ALC, by installation	20 Mar 95	Frank Cirillo		AFMC/XP	
080-07d	Provide documentation to show agreements to use available space by depot, by ALC, by installation	20 Mar 95	Frank Cirillo	UCD	AFMC/XP	Interim answer provided on 27 March 1995
080-07e	Provide remaining useable square footage by depot, by ALC, by installation after implementation	20 Mar 95	Frank Cirillo		AFMC/XP	
080-07f	Identify funding currently programmed to be mothballed and demolished by depot, by ALC, by installation	20 Mar 95	Frank Cirillo		AFMC/XP	
080-07g	Identify square footage currently programmed to be mothballed and demolished by depot, by ALC, by installation	20 Mar 95	Frank Cirillo		AFMC/XP	
080-08a	Provide workload movement from each ALC by commodity in hours for the downsize in place strategy	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995
080-08b	Provide workload movement to each ALC by commodity in hours for the downsize in place strategy.	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995
080-08c	Provide workload movements from each ALC by commodity in hours for the Air Force version of close Kelly option	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995
080-08d	Provide workload movements to each ALC by commodity in hours for the Air Force version of the close Kelly option	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995
080-08e	Provide workload movements from each ALC by commodity in hours for the Air Force version close McClellan option	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995
080-08f	Provide workload movements to each ALC by commodity in hours for the Air Force version close McClellan option	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995
080-08g	Provide workload movements from each ALC by commodity in hours for the Air Force version close McClellan and Kelly option	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995
080-08h	Provide workload movements to each ALC by commodity in hours for the Air Force version close McClellan and Kelly option	20 Mar 95	Frank Cirillo	CD	AF/LGMM	Provided 22 March 1995

D-Certified Data, DRD-Derived from Certified Data, UCD-Uncertified Data

Date: 03/27/95 3:22 PM

Prepared by Major Kevin Gamache, AF/LGMM, 703-697-8775, DSN 222-8775, Ext 835-2811, email:kgamache@pafosu2.hq.af.mil



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

28 MAR 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT

SUBJECT: USAF BRAC '95 Depot Information

Please refer to this number  
when responding 950330-2

The attached data is forwarded in response to your request for separate COBRA files for each installation in the Air Force's consolidation recommendation (reference questions to AF/LGM on 16 March and fax to AF/RTR on 18 March). Please note the five COBRA files were created with the same data used in our Air Force consolidation recommendation. That recommendation was based on aggregate actions for all five depots, so it is not appropriate to compare or examine each installation in isolation.

Please feel free to call if there are any questions. My point of contact is Lt Col Louise Eckhardt, DSN 225-4578.

JAY D. BLUME, Jr., Maj Gen, USAF  
Special Assistant to the CSAF for  
Realignment and Transition

Attachment:  
80-05g

*note: this is part of tasker # RT 247*

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\HILL0323.CMR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

Starting Year : 1996  
 Final Year : 1996  
 ROI Year : Never

NPV in 2015(\$K): 46,726  
 1-Time Cost(\$K): 41,917

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	6,197	3,098	3,098	3,098	3,098	0	18,590	0
Person	0	0	0	0	0	0	0	0
Overhd	445	750	854	959	863	767	4,639	426
Moving	2,706	2,706	2,788	0	0	0	8,200	0
Missio	0	0	0	0	0	0	0	0
Other	4,412	4,412	4,546	0	0	0	13,370	0
<b>TOTAL</b>	<b>13,760</b>	<b>10,966</b>	<b>11,287</b>	<b>4,057</b>	<b>3,961</b>	<b>767</b>	<b>44,799</b>	<b>426</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
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
<b>POSITIONS REALIGNED</b>							
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:

COBRA File 1 of 5. This IS NOT a stand-alone file.

At the request of the DBCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) was based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRA508\BREAKOUT\HILL0323.DBR  
 Std Fcirs File : C:\COBRA508\BREAKOUT\DEPOT.SFB

Category	Costs (\$K) Constant Dollars				Savings (\$K) Constant Dollars			
	1996	1997	1998	1999	1996	1997	1998	1999
TOTAL	13,807	11,109	11,525	4,391	13,807	11,109	11,525	4,391
Milcon	6,197	6,197	3,098	3,098	6,197	6,197	3,098	3,098
Person	0	0	0	0	0	0	0	0
Overhd	493	493	893	1,093	493	493	893	1,093
Moving	2,706	2,706	2,788	1,293	2,706	2,706	2,788	1,293
Missio	0	0	0	0	0	0	0	0
Other	4,412	4,412	4,546	0	4,412	4,412	4,546	0
TOTAL	13,807	11,109	11,525	4,391	13,807	11,109	11,525	4,391
Milcon	0	0	0	0	0	0	0	0
Person	0	0	0	0	0	0	0	0
Overhd	0	0	0	0	0	0	0	0
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	13,807	11,109	11,525	4,391	13,807	11,109	11,525	4,391
TOTAL	13,807	11,109	11,525	4,391	13,807	11,109	11,525	4,391

Category	Total			
	2001	2000	1999	1998
Milcon	0	0	0	0
Person	0	0	0	0
Overhd	0	0	0	0
Moving	0	0	0	0
Missio	0	0	0	0
Other	1,293	1,293	1,293	1,293
TOTAL	1,293	1,293	1,293	1,293

Category	Total			
	2001	2000	1999	1998
Milcon	0	0	0	0
Person	0	0	0	0
Overhd	0	0	0	0
Moving	0	0	0	0
Missio	0	0	0	0
Other	1,719	1,719	1,719	1,719
TOTAL	1,719	1,719	1,719	1,719

Category	Total			
	2001	2000	1999	1998
Milcon	0	0	0	0
Person	0	0	0	0
Overhd	0	0	0	0
Moving	0	0	0	0
Missio	0	0	0	0
Other	526	526	526	526
TOTAL	526	526	526	526

Category	Total			
	2001	2000	1999	1998
Milcon	0	0	0	0
Person	0	0	0	0
Overhd	0	0	0	0
Moving	0	0	0	0
Missio	0	0	0	0
Other	574	574	574	574
TOTAL	574	574	574	574

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\HILL0323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	18,590,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		18,590,000
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		0
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	1,757,500	
<b>Total - Overhead</b>		1,757,500
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	8,200,000	
<b>Total - Moving</b>		8,200,000
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	13,370,000	
<b>Total - Other</b>		13,370,000
<b>Total One-Time Costs</b>		<b>41,917,500</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
-----		
<b>Total Net One-Time Costs</b>		<b>41,917,500</b>

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\HILL0323.TBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

-----  
 COBRA File 1 of 5. This IS NOT a stand-alone file.

At the request of the DBRCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) were based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	KELLY, TX	1,363 mi
HILL, UT	MCCLELLAN, CA	671 mi
HILL, UT	ROBINS, GA	2,006 mi
HILL, UT	TINKER, OK	1,152 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
KELLY, TX	ROBINS, GA	1,045 mi
KELLY, TX	TINKER, OK	488 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi
ROBINS, GA	TINKER, OK	929 mi

INPUT SCREEN THREE - MOVEMENT TABLE

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RFMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\HILL0323.TBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: MCCLELLAN, CA

Total Officer Employees:	449	RPMA Non Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,325	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	8,882	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	77	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRA508\BREAKOUT\HILL0323.CBR  
 Std Fcns File : C:\COBRA508\BREAKOUT\DEPOT.SFB

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	4,412	4,412	4,546	0	0	0
1-Time Unique Save (\$K)	0	2,706	2,706	2,788	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Regd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	200	600	800	1,000	1,000	1,000	1,000
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	1.406	0	0	0	0	0	0
Name: KELLY, TX		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Regd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	0	0	0	0	0	0	0
Name: MCLELLAN, CA		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Regd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	0	0	0	0	0	0	0

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRA508\BREAKOUT\HILL0323.BR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: HILL, UT

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
TRC Rearr/Renovate	OTHER	0	204,000	4,590
Squeeze down Cost	OTHER	0	404,000	14,000

Department : Air Force  
 Option Package : Hill AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\HILL0323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIUH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS (\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyard Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\KELLO323.CBR  
 Std Pctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

Starting Year : 1996  
 Final Year : 1998  
 ROI Year : 1999 (1 Year)

NPV in 2015(\$K) : -265,174  
 1-Time Cost(\$K) : 29,731

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	10,053	5,027	0	-5,100	0	0	9,980	0
Person	0	0	-9,679	-21,776	-21,776	-21,776	-75,007	-21,776
Overhd	239	629	1,531	-503	-503	-503	890	-503
Moving	808	808	4,806	0	0	0	6,422	0
Missio	0	0	0	0	0	0	0	0
Other	1,760	1,760	1,813	0	0	0	5,333	0
<b>TOTAL</b>	<b>12,860</b>	<b>8,224</b>	<b>-1,529</b>	<b>-27,379</b>	<b>-22,279</b>	<b>-22,279</b>	<b>-52,381</b>	<b>-22,279</b>

POSITIONS ELIMINATED	1996						Total
	1996	1997	1998	1999	2000	2001	
Off	0	0	1	0	0	0	1
Enl	0	0	9	0	0	0	9
Civ	0	0	458	0	0	0	458
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>468</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>468</b>

POSITIONS REALIGNED	1996						Total
	1996	1997	1998	1999	2000	2001	
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
<b>TOT</b>	<b>0</b>						

Summary:

COBRA File 2 of 5. This IS NOT a stand-alone file.

At the request of the DBCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) was based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRA508\BREAKOUT\KELLO323.CBR  
 Std Pctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	10,053	5,027	0	0	0	0	15,080	0
Person	0	0	1,213	0	0	0	1,213	0
Overhd	239	629	2,414	1,000	1,000	1,000	6,282	1,000
Moving	808	808	4,806	0	0	0	6,422	0
Missio	0	0	0	0	0	0	0	0
Other	1,760	1,760	1,813	0	0	0	5,333	0
<b>TOTAL</b>	<b>12,860</b>	<b>8,224</b>	<b>10,247</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>34,331</b>	<b>1,000</b>

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	0	0	5,100	0	0	5,100	0
Person	0	0	10,893	21,776	21,776	21,776	76,221	21,776
Overhd	0	0	883	1,503	1,503	1,503	5,391	1,503
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
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>11,776</b>	<b>28,379</b>	<b>23,279</b>	<b>23,279</b>	<b>86,712</b>	<b>23,279</b>

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\KELL0323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----		
Construction		
Military Construction	15,080,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		15,080,000
Personnel		
Civilian RIF	818,567	
Civilian Early Retirement	193,098	
Civilian New Hires	0	
Eliminated Military PCS	60,991	
Unemployment	140,940	
Total - Personnel		1,213,596
Overhead		
Program Planning Support	89,312	
Mothball / Shutdown	1,592,500	
Total - Overhead		1,681,812
Moving		
Civilian Moving	0	
Civilian PPS	3,974,400	
Military Moving	0	
Freight	0	
One-Time Moving Costs	2,448,000	
Total - Moving		6,422,400
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	5,333,000	
Total - Other		5,333,000
-----		
Total One-Time Costs		29,730,808
-----		
One-Time Savings		
Military Construction Cost Avoidances	5,100,000	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		5,100,000
-----		
Total Net One-Time Costs		24,630,808

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRA508\BREAKOUT\KELLO323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown : Yes

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

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 COBRA File 2 of 5. This is not a stand-alone file.

At the request of the DBRCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) were based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	KELLY, TX	1,363 mi
HILL, UT	MCCLELLAN, CA	671 mi
HILL, UT	ROBINS, GA	2,006 mi
HILL, UT	TINKER, OK	1,152 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
KELLY, TX	ROBINS, GA	1,045 mi
KELLY, TX	TINKER, OK	488 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi
ROBINS, GA	TINKER, OK	929 mi

INPUT SCREEN THREE - MOVEMENT TABLE

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRA508\BREAKOUT\KEIL023.CBR  
 Std Fcirs File : C:\COBRA508\BREAKOUT\DEPOT.SFB

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
M1 Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: MCCLELLAN, CA

Total Officer Employees:	449	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,325	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	8,882	BOS Payroll (\$K/Year):	0
M1 Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	158	Activity Code:	58
Enlisted VHA (\$/Month):	126	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
M1 Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
M1 Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	77	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRA508\BREAKOUT\KELL0323.ZBR  
 Std Fcirs File : C:\COBRA508\BREAKOUT\DEPOT.SFI

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	0	0	0	0	0	0	0
Name: KELLY, TX		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	1,760	1,760	1,811	0	0	0	0
1-Time Unique Save (\$K)	0	808	832	0	0	0	0
1-Time Moving Cost (\$K)	808	808	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	200	600	800	1,000	1,000	1,000	1,000
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	5,100	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	1,274	0	0	0	0	0	0
Name: MCCLELLAN, CA		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	0	0	0	0	0	0	0

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRA508\BREAKOUT\KEL0303.CBR  
 Std Fcirs File : C:\COBRA508\BREAKOUT\DEPOT.FCF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
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 Reqrd(\$K)	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0
Construction Schedule(%)	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%)	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K)	0	0	0	0	0	0
Fam Housing Avoidnc(\$K)	0	0	0	0	0	0
Procurement Avoidnc(\$K)	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0
Facil Shutdown(KSF)	0	0	0	0	0	0

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change	0	0	0	0	0	0
Enl Force Struc Change	0	0	0	0	0	0
Civ Force Struc Change	0	0	0	0	0	0
Stu Force Struc Change	0	0	0	0	0	0
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 Change(No Sal Save)	0	0	0	0	0	0
Enl Change(No Sal Save)	0	0	0	0	0	0
Civ Change(No Sal Save)	0	0	0	0	0	0
Caretakers - Military	0	0	0	0	0	0
Caretakers - Civilian	0	0	0	0	0	0

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\KELL0323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFP

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: KELLY, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
TRC Rearr/Renovate	OTHER	0	181,000	4,080
Squeeze Down Costs	OTHER	0	316,000	11,000

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority/ Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SI/H Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time En. PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : Kelly AFB  
 Scenario File : C:\COBRA508\BREAKOUT\KELL0321.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SIF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LP)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyard Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Department : Air Force  
 Option Package : McClellan AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\MCCLO323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

Starting Year : 1996  
 Final Year : 1996  
 ROI Year : Never

NPV in 2015(\$K): 44,305  
 1-Time Cost(\$K): 41,680

Net Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	6,357	3,178	3,178	3,178	3,178	0	19,070	0
Person	0	0	0	0	0	0	0	0
Overhd	476	752	828	904	779	654	4,394	253
Moving	1,757	1,757	1,811	0	0	0	5,325	0
Missio	0	0	0	0	0	0	0	0
Other	5,034	5,034	5,187	0	0	0	15,255	0
<b>TOTAL</b>	<b>13,624</b>	<b>10,722</b>	<b>11,004</b>	<b>4,082</b>	<b>3,957</b>	<b>654</b>	<b>44,044</b>	<b>253</b>
	1996	1997	1998	1999	2000	2001	Total	
	----	----	----	----	----	----	----	
<b>POSITIONS ELIMINATED</b>								
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	
<b>POSITIONS REALIGNED</b>								
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:

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 COBRA File 3 of 5. This IS NOT a stand-alone file.

At the request of the DBRCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) was based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

Department : Air Force  
 Option Package : McClellan AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\MCCLO323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	6,357	3,178	3,178	3,178	3,178	0	19,070	0
Person	0	0	0	0	0	0	0	0
Overhd	538	938	1,138	1,338	1,338	1,338	6,630	1,000
Moving	1,757	1,757	1,811	0	0	0	5,325	0
Missio	0	0	0	0	0	0	0	0
Other	5,034	5,034	5,187	0	0	0	15,255	0
<b>TOTAL</b>	<b>13,686</b>	<b>10,908</b>	<b>11,315</b>	<b>4,517</b>	<b>4,517</b>	<b>1,338</b>	<b>46,280</b>	<b>1,000</b>

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	0	0	0	0	0
Overhd	62	186	310	434	559	684	2,236	746
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
<b>TOTAL</b>	<b>62</b>	<b>186</b>	<b>310</b>	<b>434</b>	<b>559</b>	<b>684</b>	<b>2,236</b>	<b>746</b>

Department : Air Force  
 Option Package : McStellan AFB  
 Scenario File : C:\COBRA508\BREAKOUT\MCCLO323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.EFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction	19,070,000	19,070,000
Military Construction	0	0
Family Housing Construction	0	0
Information Management Account	0	0
Land Purchases	0	0
Total - Construction	19,070,000	19,070,000
Personnel	0	0
Civilian RIF	0	0
Civilian Early Retirement	0	0
Civilian New Hires	0	0
Eliminated Military PCS	0	0
Unemployment	0	0
Total - Personnel	0	0
Overhead	0	0
Program Planning Support	0	0
Motoball / Shutdown	2,030,000	2,030,000
Total - Overhead	2,030,000	2,030,000
Moving	0	0
Civilian Moving	0	0
Civilian PPS	0	0
Military Moving	0	0
Freight	0	0
One-Time Moving Costs	5,325,000	5,325,000
Total - Moving	5,325,000	5,325,000
Other	0	0
HAP / RSE	0	0
Environmental Mitigation Costs	0	0
One-Time Unique Costs	15,255,000	15,255,000
Total - Other	15,255,000	15,255,000
One-Time Savings	0	0
Military Construction Cost Avoidances	0	0
Family Housing Cost Avoidances	0	0
Military Moving	0	0
Land Sales	0	0
One-Time Moving Savings	0	0
Environmental Mitigation Savings	0	0
One-Time Unique Savings	0	0
Total One-Time Savings	0	0
Total Net One-Time Costs	41,680,000	41,680,000

Department : Air Force  
 Option Package : McClellan AFB  
 Scenario File : C:\COBRA508\BREAKOUT\MCCLO323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

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 COBRA File 3 of 5. This IS NOT a stand-alone file.

At the request of the DBRCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) were based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	KELLY, TX	1,363 mi
HILL, UT	MCCLELLAN, CA	671 mi
HILL, UT	ROBINS, GA	2,006 mi
HILL, UT	TINKER, OK	1,152 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
KELLY, TX	ROBINS, GA	1,045 mi
KELLY, TX	TINKER, OK	488 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi
ROBINS, GA	TINKER, OK	929 mi

INPUT SCREEN THREE - MOVEMENT TABLE

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : McClellan AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\MCCLO323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: MCCLELLAN, CA

Total Officer Employees:	449	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,325	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	8,882	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	77	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force  
 Option Package : McCellian AFB  
 Scenario File : C:\COBRA508\BREAKOUT\MCCCL0323 CBR  
 Std Fcirs File : C:\COBRA508\BREAKOUT\DEPOT.SFI

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil Shutdown(KSF)	0	0	0	0	0	0	0.0%
-----							
1-Time Unique Cost (\$K)	5,034	5,034	5,187	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	1,757	1,757	1,811	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	200	600	800	1,000	1,000	1,000	1,000
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil Shutdown(KSF)	1,624	1,624	0	0	0	0	0.0%

Name: MCCLELLAN, CA

Name: KELLY, TX

Name: HILL, UT

Department : Air Force  
 Option Package : McClellan AFB  
 Scenario File : C:\COBRA508\BREAKOUT\MCCLELLAN0323.LBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req'd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req'd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MCCLELLAN, CA

Description	Categ	New MilCon	Reha MilCon	Total Cost(\$K)
TRC Rearr/Renovate	OTHER	0	834,000	18,770
Squeeze Down Costs	OTHER	0	8,000	300

Department : Air Force  
 Option Package : McClellan AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\MCCLO323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SI/DH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
		2000: 3.00%	2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\ROBI0323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

Starting Year : 1996  
 Final Year : 1998  
 ROI Year : 1999 (1 Year)

NPV in 2015(\$K): -205,930  
 1-Time Cost(\$K): 29,387

Net Costs (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	7,193	3,597	0	-10,600	0	0	190	0
Person	115	115	-7,997	-17,499	-17,499	-17,499	-60,265	-17,499
Overhd	391	731	1,402	187	187	187	3,086	187
Moving	2,342	2,342	5,948	0	0	0	10,633	0
Missio	0	0	0	0	0	0	0	0
Other	1,798	1,798	1,853	0	0	0	5,449	0
<b>TOTAL</b>	<b>11,840</b>	<b>8,584</b>	<b>1,206</b>	<b>-27,912</b>	<b>-17,312</b>	<b>-17,312</b>	<b>-40,906</b>	<b>-17,312</b>

POSITIONS ELIMINATED	1996	1997	1998	1999	2000	2001	Total
	----	----	----	----	----	----	
Off	0	0	1	0	0	0	1
Enl	0	0	7	0	0	0	7
Civ	0	0	368	0	0	0	368
TOT	0	0	376	0	0	0	376

POSITIONS REALIGNED	1996	1997	1998	1999	2000	2001	Total
	----	----	----	----	----	----	
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	40	40	38	0	0	0	118
TOT	40	40	38	0	0	0	118

Summary:

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 COBRA File 4 of 5. This IS NOT a stand-alone file.

At the request of the DBRCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) was based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRA508\BREAKOUT\ROBI0323 CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SF

Costs (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	7,193	3,597	0	0	0	0	10,790	0
Person	115	115	755	0	0	0	985	0
Overhd	410	822	2,076	1,088	1,088	1,088	6,573	1,088
Moving	2,342	2,342	5,948	0	0	0	10,633	0
Missio	0	0	0	0	0	0	0	0
Other	1,798	1,798	1,853	0	0	0	5,449	0
<b>TOTAL</b>	<b>11,859</b>	<b>8,675</b>	<b>10,632</b>	<b>1,088</b>	<b>1,088</b>	<b>1,088</b>	<b>34,431</b>	<b>1,088</b>

Savings (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	0	0	0	10,600	0	0	10,600	0
Person	0	0	8,751	17,499	17,499	17,499	61,250	17,499
Overhd	18	91	674	901	901	901	3,487	901
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
<b>TOTAL</b>	<b>18</b>	<b>91</b>	<b>9,426</b>	<b>29,000</b>	<b>18,400</b>	<b>18,400</b>	<b>75,337</b>	<b>18,400</b>

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRA508\BREAKOUT\ROB10323.CBR  
 Std Fcrrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction	10,790,000	10,790,000
Military Construction	10,790,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction	10,790,000	10,790,000
Personnel	527,521	
Civilian RIF	527,521	
Civilian Early Retirement	205,691	
Civilian New Hires	112,000	
Eliminated Military PCS	49,469	
Unemployment	90,828	
Total - Personnel	985,509	985,509
Overhead	158,597	
Program Planning Support	158,597	
Morbidity / Shutdown	1,371,250	
Total - Overhead	1,529,847	1,529,847
Moving	2,691,435	
Civilian Moving	2,691,435	
Civilian PCS	3,196,800	
Military Moving	0	
Freight	26,851	
One-Time Moving Costs	4,718,000	
Total - Moving	10,633,087	10,633,087
Other	0	
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	5,449,000	
Total - Other	5,449,000	5,449,000
Total One-Time Costs	29,387,443	29,387,443
One-Time Savings	10,600,000	
Military Construction Cost Avoidances	10,600,000	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings	10,600,000	10,600,000
Total Net One-Time Costs	18,787,443	18,787,443

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRA508\BREAKOUT\ROBI0323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

Base: HILL, UT  
 (All values in Dollars)

Category	Cost	Sub-Total
-----		
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	112,000	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		112,000
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
-----		
Total One-Time Costs		112,000
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		112,000

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRA508\BREAKOUT\ROBI0323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

Base: ROBINS, GA  
 (All values in Dollars)

Category	Cost	Sub-Total
<b>Construction</b>		
Military Construction	10,790,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		10,790,000
<b>Personnel</b>		
Civilian RIF	527,521	
Civilian Early Retirement	205,691	
Civilian New Hires	0	
Eliminated Military PCS	49,469	
Unemployment	90,828	
<b>Total - Personnel</b>		873,509
<b>Overhead</b>		
Program Planning Support	150,597	
Mothball / Shutdown	1,371,250	
<b>Total - Overhead</b>		1,529,847
<b>Moving</b>		
Civilian Moving	2,691,435	
Civilian PPS	3,196,800	
Military Moving	0	
Freight	26,851	
One-Time Moving Costs	4,718,000	
<b>Total - Moving</b>		10,633,087
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	5,449,000	
<b>Total - Other</b>		5,449,000
<b>Total One-Time Costs</b>		<b>29,275,443</b>
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	10,600,000	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>10,600,000</b>
<b>Total Net One-Time Costs</b>		<b>18,675,443</b>

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\ROBI0323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

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 COBRA File 4 of 5. This IS NOT a stand-alone file.

At the request of the DBRCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) was based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	KELLY, TX	1,363 mi
HILL, UT	MCCLELLAN, CA	671 mi
HILL, UT	ROBINS, GA	2,006 mi
HILL, UT	TINKER, OK	1,152 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
KELLY, TX	ROBINS, GA	1,045 mi
KELLY, TX	TINKER, OK	488 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi
ROBINS, GA	TINKER, OK	929 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from ROBINS, GA to HILL, UT

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	40	40	38	0	0	0
Student Positions:	0	0	0	0	0	0
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

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\ROBI0323.EBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	98	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: MCCLELLAN, CA

Total Officer Employees:	449	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,325	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	8,882	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\ROBI0323 CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFI

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19		
Per Diem Rate (\$/Day):	77	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRA508\BREAKOUT\ROB0323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFB

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MCCLELLAN, CA		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	0	0	0	0	0	0	0
Name: ROBINS, GA		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	1,798	1,798	1,853	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	1,557	1,557	1,604	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	200	600	800	1,000	1,000	1,000	1,000
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	10,600	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	1,097	0	0	0	0	0	0
Name: TINKER, OK		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%)	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil ShutDown (KSF)	0	0	0	0	0	0	0

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\ROBI0323 CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-1	0	0	0
Enl Scenario Change:	0	0	-7	0	0	0
Civ Scenario Change:	0	0	-368	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: ROBINS, GA

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
TRC Rearr/Renovate	OTHER	0	386,000	8,690
Squeeze Down Costs	OTHER	0	64,000	2,100

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

Department : Air Force  
 Option Package : Robins AFB  
 Scenario File : C:\COBRA508\BREAKOUT\ROBI0323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\TINK0321.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SEF

Starting Year : 1996  
 Final Year : 1998  
 ROI Year : 1999 (1 Year)

NPV in 2015(\$K): -569,615  
 1-Time Cost(\$K): 39,704

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	7,760	3,880	0	0	0	0	11,640	0
Person	128	128	-20,870	-46,443	-46,443	-46,443	-159,943	-46,443
Overhd	451	794	1,369	-272	-272	-272	1,798	-272
Moving	1,861	1,861	10,764	0	0	0	14,486	0
Missio	0	0	0	0	0	0	0	0
Other	2,940	2,940	3,029	0	0	0	8,909	0
<b>TOTAL</b>	<b>13,140</b>	<b>9,603</b>	<b>-5,708</b>	<b>-46,715</b>	<b>-46,715</b>	<b>-46,715</b>	<b>-123,110</b>	<b>-46,715</b>

POSITIONS ELIMINATED	1996						Total
	1996	1997	1998	1999	2000	2001	
Off	0	0	1	0	0	0	1
Enl	0	0	18	0	0	0	18
Civ	0	0	980	0	0	0	980
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>999</b>

POSITIONS REALIGNED	1996						Total
	1996	1997	1998	1999	2000	2001	
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	45	45	43	0	0	0	133
<b>TOT</b>	<b>45</b>	<b>45</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>133</b>

Summary:

COBRA File 5 of 5. This IS NOT a stand-alone file.

At the request of the DBRCA, separate COBRA files for each installation were created using the same data previously used for the Air Force's consolidation recommendation. The recommendation (and data used to develop the COBRA files) was based on a package approach and it is not appropriate to examine each installation in isolation. The data used in this file is simply a shred-out of the data used for the TRC portion of the recommendation.

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRA508\BREAKOUT\TINK032.CBR  
 Std Fcns File : C:\COBRA508\BREAKOUT\DEPOT.SIF

		Costs (\$K) Constant Dollars							
		1996	1997	1998	1999	2000	2001	Total	Beyond
Million	Person	7,760	3,880	0	0	0	0	11,640	0
Overhd	Person	128	128	2,353	0	0	0	2,609	0
Moving	Overhd	1,861	854	2,560	1,105	1,105	1,105	7,186	1,105
Missto	Moving	0	1,861	10,764	0	0	0	14,486	0
Other	Missto	2,940	2,940	3,029	0	0	0	8,909	0
TOTAL	Other	13,146	9,663	18,706	1,105	1,105	1,105	44,830	1,105
		Savings (\$K) Constant Dollars							
		1996	1997	1998	1999	2000	2001	Total	Beyond
Million	Person	0	0	0	0	0	0	0	0
Overhd	Person	6	60	1,191	1,377	1,377	1,377	5,387	1,377
Moving	Overhd	0	0	0	0	0	0	0	0
Missto	Moving	0	0	0	0	0	0	0	0
Other	Missto	0	0	0	0	0	0	0	0
TOTAL	Other	6	60	24,414	47,819	47,819	47,819	167,939	47,819

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRA508\BREAKOUT\TINM0321.CBR  
 Std Fcrls File : C:\COBRA508\BREAKOUT\DEPOT.SWF

(All values in Dollars)

Category	Cost	Sub-Total
Construction	11,640,000	11,640,000
Military Construction	11,640,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction	11,640,000	11,640,000
Personnel	1,618,944	2,608,683
Civilian RIF	470,151	
Civilian Early Retirement	128,000	
Civilian New Hires	112,840	
Eliminated Military PCS	278,748	
Unemployment	0	
Total - Personnel	1,618,944	2,608,683
Overhead	356,451	2,060,201
Program Planning Support	1,703,750	
Mothball / Shutdown	0	
Total - Overhead	356,451	2,060,201
Moving	2,902,809	14,486,121
Civilian Moving	8,467,200	
Civilian PPS	0	
Military Moving	28,111	
Freight	0	
One-Time Moving Costs	2,902,809	
Total - Moving	8,467,200	14,486,121
Other	0	8,909,000
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	8,909,000	
Total - Other	0	8,909,000
Total One-Time Costs	39,704,005	39,704,005
One-Time Savings	0	0
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings	0	0
Total Net One-Time Costs	39,704,005	39,704,005

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRA508\BREAKOUT\TINK0323 CBR  
 Std Fcra File : C:\COBRA508\BREAKOUT\DEPOT.SFI

Base: HILL, UT

(All values in Dollars)

Category	Cost	Sub-Total
Construction	0	0
Military Construction	0	0
Family Housing Construction	0	0
Information Management Account	0	0
Land Purchases	0	0
Total - Construction	0	0
Personnel	0	0
Civilian RIF	0	0
Civilian Early Retirement	0	0
Civilian New Hires	112,000	112,000
Eliminated Military PCS	0	0
Unemployment	0	0
Total - Personnel	112,000	112,000
Overhead	0	0
Program Planning Support	0	0
Morbidity / Shutdown	0	0
Total - Overhead	0	0
Moving	0	0
Civilian Moving	0	0
Civilian PPS	0	0
Military Moving	0	0
Freight	0	0
One-Time Moving Costs	0	0
Total - Moving	0	0
Other	0	0
HAP / RSE	0	0
Environmental Mitigation Costs	0	0
One-Time Unique Costs	0	0
Total - Other	0	0
Total One-Time Costs	112,000	112,000
One-Time Savings	0	0
Military Construction Cost Avoidances	0	0
Family Housing Cost Avoidances	0	0
Military Moving	0	0
Land Sales	0	0
One-Time Moving Savings	0	0
Environmental Mitigation Savings	0	0
One-Time Unique Savings	0	0
Total One-Time Savings	0	0
Total Net One-Time Costs	112,000	112,000

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\TINK0323.BR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

Base: MCCLELLAN, CA  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		<b>0</b>
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	16,000	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		<b>16,000</b>
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		<b>0</b>
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		<b>0</b>
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		<b>0</b>
<b>Total One-Time Costs</b>		<b>16,000</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
<b>Total Net One-Time Costs</b>		<b>16,000</b>

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\TINK0323.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

Base: TINKER, OK  
 (All values in Dollars)

Category	Cost	Sub-Total
<b>Construction</b>		
Military Construction	11,640,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		<b>11,640,000</b>
<b>Personnel</b>		
Civilian RIF	1,618,944	
Civilian Early Retirement	470,151	
Civilian New Hires	0	
Eliminated Military PCS	112,840	
Unemployment	278,748	
<b>Total - Personnel</b>		<b>2,480,683</b>
<b>Overhead</b>		
Program Planning Support	356,451	
Mochball / Shutdown	1,703,750	
<b>Total - Overhead</b>		<b>2,060,201</b>
<b>Moving</b>		
Civilian Moving	2,902,809	
Civilian PPS	8,467,200	
Military Moving	0	
Freight	28,111	
One-Time Moving Costs	3,088,000	
<b>Total - Moving</b>		<b>14,486,121</b>
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	8,909,000	
<b>Total - Other</b>		<b>8,909,000</b>
<b>Total One-Time Costs</b>		<b>39,576,005</b>
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
<b>Total Net One-Time Costs</b>		<b>39,576,005</b>

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRA508\BREAKOUT\TINK0323.CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

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 COBRA File 5 of 5. This IS NOT a stand-alone file.

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INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	KELLY, TX	1,363 mi
HILL, UT	MCCLELLAN, CA	671 mi
HILL, UT	ROBINS, GA	2,006 mi
HILL, UT	TINKER, OK	1,152 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
KELLY, TX	ROBINS, GA	1,045 mi
KELLY, TX	TINKER, OK	488 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi
ROBINS, GA	TINKER, OK	929 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from TINKER, OK to HILL, UT

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	40	40	39	0	0	0
Student Positions:	0	0	0	0	0	0
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

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRA508\BREAKOUT\TINK0323 CBR  
 Std Fctrs File : C:\COBRA508\BREAKOUT\DEPOT.SFI

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from TINKER, OK to MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	5	5	4	0	0	0
Student Positions:	0	0	0	0	0	0
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: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: MCCLELLAN, CA

Total Officer Employees:	449	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,325	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	8,882	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126		
Per Diem Rate (\$/Day):	101	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRA508\BREAKOUT\TINK0323 CBR  
 Std Fcrrs File : C:\COBRA508\BREAKOUT\DEPOT.SF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: ROBINNS, GA	
Total Officer Employees:	739
Total Enlisted Employees:	3,269
Total Student Employees:	0
Total Civilian Employees:	11,119
MIL Families Living On Base:	54.0%
Civilians Not Willing To Move:	6.0%
Officer Housing Units Avail:	0
Enlisted Housing Units Avail:	0
Total Base Facilities (KSF):	13,709
Officer VHA (\$/Month):	56
Enlisted VHA (\$/Month):	35
Per Diem Rate (\$/Day):	69
Freight Cost (\$/Ton/Mile):	0.07
Homeowner Assistance Program:	No
Unique Activity Information:	No

Name: TINKER, OK	
Total Officer Employees:	1,430
Total Enlisted Employees:	5,995
Total Student Employees:	0
Total Civilian Employees:	11,678
MIL Families Living On Base:	7.5%
Civilians Not Willing To Move:	6.0%
Officer Housing Units Avail:	0
Enlisted Housing Units Avail:	0
Total Base Facilities (KSF):	14,607
Officer VHA (\$/Month):	16
Enlisted VHA (\$/Month):	19
Per Diem Rate (\$/Day):	77
Freight Cost (\$/Ton/Mile):	0.07
Homeowner Assistance Program:	No
Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT	
1-Time Unique Cost (\$K):	0
1-Time Unique Save (\$K):	0
1-Time Moving Cost (\$K):	0
1-Time Moving Save (\$K):	0
Env Non-MilCon Req (\$K):	0
Activ Mission Cost (\$K):	0
Activ Mission Save (\$K):	0
Misc Recurring Cost (\$K):	0
Misc Recurring Save (\$K):	0
Land (+Buy/-Sales) (\$K):	0
Construction Schedule (%):	0%
Shutdown Schedule (%):	0%
MilCon Cost Avoidance (\$K):	0
Fam Housing Avoidance (\$K):	0
Procurement Avoidance (\$K):	0
CHAMPUS In-Patients/Yr:	0
CHAMPUS Out-Patients/Yr:	0
Facil Shutdown (KSF):	0
perc Family Housing Shutdown:	0.0%

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRA508\BREAKOUT\TINK0323.CAR  
 Std Fcrls File : C:\COBRA508\BREAKOUT\DEPOT.SFB

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: KELLY, TX		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K):	0	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0	0
Misc Recurring Cost (\$K):	0	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0	0
Construction Schedule (%):	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%):	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K):	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K):	0	0	0	0	0	0	0
Procurement Avoidnc (\$K):	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0	0
Facil ShutDown(KSF):	0	0	0	0	0	0	0

Name: MCLELLAN, CA		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K):	0	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0	0
Misc Recurring Cost (\$K):	0	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0	0
Construction Schedule (%):	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%):	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K):	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K):	0	0	0	0	0	0	0
Procurement Avoidnc (\$K):	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0	0
Facil ShutDown(KSF):	0	0	0	0	0	0	0

Name: ROBINS, GA		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K):	0	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0	0
Misc Recurring Cost (\$K):	0	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0	0
Construction Schedule (%):	0%	0%	0%	0%	0%	0%	0%
ShutDown Schedule (%):	0%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K):	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K):	0	0	0	0	0	0	0
Procurement Avoidnc (\$K):	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0	0
Facil ShutDown(KSF):	0	0	0	0	0	0	0

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\TINK0323.TBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	2,940	2,940	3,029	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	1,019	1,019	1,050	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	200	600	600	1,000	1,000	1,000
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	1,363					
Perc Family Housing ShutDown:						0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-1	0	0	0
Enl Scenario Change:	0	0	-18	0	0	0
Civ Scenario Change:	0	0	-980	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: TINKER, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
TRC Rearr/Renovate	OTHER	0	357,000	8,040
Squeeze Down Costs	OTHER	0	151,000	3,600

Department : Air Force  
 Option Package : Tinker AFB  
 Scenario File : C:\COBRAS08\BREAKOUT\TINK032.CBR  
 Std Fctrs File : C:\COBRAS08\BREAKOUT\DEPOT.SIF

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
		2000: 3.00%	2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spe: Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950330-2

FROM: BLUMF, DA? D.	TO: REESE, ANN
TITLE: SPECIAL ASST TO SEC OF AF	TITLE: CROSS SERVICE AND ANALYST
ORGANIZATION:	ORGANIZATION: ORC RC
INSTALLATION (S) DISCUSSED:	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INT	COMMISSION MEMBERS	FYI	ACTION	INT
CHAIRMAN DIXON				COMMISSIONER CORNELIA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR				COMMISSIONER DAVIS			
GENERAL COUNSEL				COMMISSIONER KING			
MILITARY EXECUTIVE				COMMISSIONER MONTYA			
DIR/CONGRESSIONAL LIAISON				COMMISSIONER ROBLES			
DIR/COMMUNICATIONS				COMMISSIONER STEELE			
EXECUTIVE SECRETARIAT				REVIEW AND ANALYSIS			
EXECUTIVE SECRETARY				DIRECTOR OF R & A	✓		
ARMY TEAM LEADER				ARMY TEAM LEADER			
NAVY TEAM LEADER				NAVY TEAM LEADER			
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER	✓		
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER	✓		
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER	✓		
DIR/INFORMATION SERVICES				ANN REESE	✓		

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature	Prepare Reply for Staff Director's Signature	ACTION: Offer Comments and/or Suggestions	
Prepare Reply for Commissioner's Signature	Prepare Direct Response		FYI

Subject/Remarks:

RESPONSE TO MARCH 16 AND 18 REQUEST FOR INFORMATION CONCERNING DEPOT INFO.

Due Date:

Routing Date: 950330

Date Originated: 950329

Mail Date:



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

Please refer to this number  
when responding 950330-2

129 MAR 1995

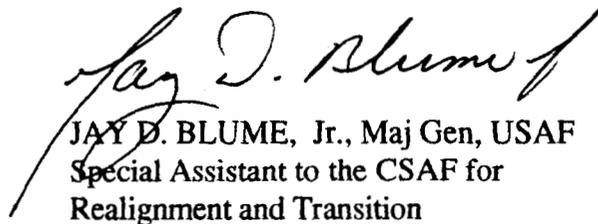
MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT

SUBJECT: USAF BRAC '95 Depot Information

The attached data is forwarded in response to your request for depot information (reference questions to AF/LGM on 16 March and fax to AF/RTR on 18 March). Please note the two requests were combined due to some duplication. Some information is still pending and will be forwarded upon receipt from HQ AFMC.

Please feel free to call if there are any questions. My point of contact is Lt Col Louise Eckhardt, DSN 225-4578.

  
JAY D. BLUME, Jr., Maj Gen, USAF  
Special Assistant to the CSAF for  
Realignment and Transition

Attachments:

78-02b  
78-04a  
78-04b  
78-04c  
78-05f  
80-03  
80-04c  
80-07d

\* Note This is all part of taskiew 247

78-02b: What was the basis for the 15 % factor for eliminating positions through consolidation of like workload?

**Answer:** The 15% efficiency factor was predicated on the assumption that all processes supporting consolidating workloads at gaining sites would be reengineered to the most efficient industrial layouts possible during the transfer process. This reengineering would retain only the minimum capacity needed to support the workload at 85 % utilization. HQ AFMC and ALCs senior managers estimated the resulting improved industrial processes would yield (on average) a productivity increase of 15%. This efficiency factor was applied to reduce the workforce accordingly.

**Question: How was the 15% "industrial [reengineering] benefit factor" considered when sizing the ALCs?**

**Answer:** (Derived from Certified Data). The 15% "industrial reengineering benefit factor" is an efficiency factor developed during the AFMC TRC Review process based on the assumption that all processes supporting consolidating workloads at gaining sites (and downsizing workloads at retaining sites) would be reengineered to the most efficient industrial layouts possible in conjunction with these adjustments. Reengineering will retain only the minimum capacity needed to support the Core workload at a targeted 85 % utilization rate. HQ AFMC and ALCs senior managers estimated the resulting improved industrial processes will yield (on average) a productivity increase of 15%. The AFMC TRC Review process applied this 15% efficiency factor to all the commodities and process workloads recommended for transfer / consolidation at other ALCs, and to those workloads recommended for downsizing in place. As a result, this factor eliminated over 2.7 million hours of depot workload at the ALCs as it was applied to the workloads programmed for consolidation and those workloads that are programmed to downsize in place.

Due to miscommunication, the 15% "industrial reengineering benefit factor" was incorrectly applied to all JCSG-DM commodity groups in the "workload laydown" worksheets submitted to OADUSD (MP) / L on 24 Feb 95, instead of just the commodity groups and processes being realigned under the AFMC TRC review process. Also, this application is not consistent with the other services' application of efficiency factors. As a result, revised workload laydown worksheets will be developed.

**Question:** Why was CORE reduced 15%?

**Answer:** (Derived from Certified Data). Core workloads may be reduced 15% in the areas where industrial reengineering is accomplished as noted in the preceding answer. The process improvements resulting from this industrial reengineering are expected to enable maintenance personnel to accomplish the workload more efficiently, thereby effectively reducing the projected workloads by 15%. This effect is indicated by the documented Core workload reductions in the JCSG-DM data file.

Due to miscommunication, the 15% "industrial reengineering benefit factor" was incorrectly applied to all JCSG-DM commodity groups in the "workload laydown" worksheets submitted to OADUSD (MP) / L on 24 Feb 95, instead of just the commodity groups and processes being realigned under the AFMC TRC review process. Also, this application is not consistent with the other services' application of efficiency factors. As a result, revised workload laydown worksheets will be developed.

Question: Why does capacity now equal the previous CORE workload?

Answer: (Derived from Certified Data.) The capacity in the JCSG-DM data file was reduced to 27 million hours to reflect 85% utilization rate against the recomputed core of 23.0 million hours. As cited earlier in answering question 78-04b, the core workload sheets are being revised. The new capacity should be 30.7 million hours.

OPR: AF/LGMM / LTC Pitcher

78-05f: Why weren't the numbers based on requirements certified by local commanders?

**Answer:** The facilities and square footage cited for demolition / mothballing in the announced AF depot downsizing decision were extracted from the AFMC Resources Management Plan. This formal plan is developed at each AFMC installation, approved by each of the Commanders and ultimately rolled up into a single Command plan and adopted by HQ AFMC. Accordingly, we view this data as having been developed and approved by local commanders.

**080-03. Base operating costs for Depot Activities, referring to COBRA screen 4, provide depot Industrial Fund totals for the fund total for equivalent RPMA and BOS non-payroll line for each ALC.**

The RPMA and BOS factors used in the COBRA analysis is for the entire installation. The RPMA and BOS factors used were taken off the BRAC Questionnaire submitted by each installation.

Real Property Maintenance requirements for the Air Force depot are budgeted within the Defense Base Operation Fund. The Real Property Maintenance amount budgeted by each Depot is included in the stabilized rate for depot maintenance services. Costs for maintenance of depot facilities are paid for directly by the Defense Business Operation Funds.

The amount budgeted for BOS in the Depot Maintenance rates is based upon Interservice Support Agreements (ISA) between each Depot and host base. The ISAs are negotiated in accordance with DoD 4000.19-R, Defense Interservice Support Regulation. The regulation identifies mandatory costs must be included in the ISA and are allocated according to the methodology in the regulation. The optional costs may be negotiated based upon desired level of support by the tenant.

The BOS amount budgeted by each Depot is included in the stabilized rates developed for depot maintenance services. During the execution year, BOS is collected as part of the overall rate to customers for services provided and reimbursed by each Depot to its host base.

HQ AFMC has been requested to provide the Depot non-payroll RPMA and BOS for each Depot activity. This information will be forwarded to the Commission upon receipt from AFMC.

80-04C

## MANPOWER HISTORY OF AIR LOGISTICS CENTERS

CENTER	TYPE	CAI	FY88	FY89	FY90	FY91	FY92	FY93	FY94
OC-ALC	FMS	OFF	8	4	4	4	4	4	3
		ENL	0	0	0	1	1	1	0
		CIV	493	502	437	423	388	366	421
		TOT	501	506	441	428	393	371	424
OC-ALC	MAINT	OFF	45	45	45	46	46	46	45
		ENL	109	108	109	109	109	128	128
		CIV	7844	7851	7800	6070	5991	6389	6140
		TOT	7998	8004	7954	6225	6146	6563	6313
OC-ALC	MM	OFF	91	91	82	82	80	71	76
		ENL	18	18	18	57	17	17	17
		CIV	3321	3077	2922	2766	3072	2446	1954
		TOT	3430	3186	3022	2905	3169	2534	2047
OC-ALC	PK	OFF	17	17	17	15	15	13	12
		ENL	0	0	0	0	0	0	0
		CIV	561	538	473	420	409	334	268
		TOT	578	555	490	435	424	347	280
OC-ALC	MGMT	OFF	7	7	8	8	8	8	7
		ENL	11	11	11	12	12	3	3
		CIV	83	86	91	83	79	81	76
		TOT	101	104	110	103	99	92	86
OC-ALC	COMM/ COMP	OFF	2	2	2	6	9	9	8
		ENL	0	0	0	150	162	226	193
		CIV	538	517	487	507	455	424	92
		TOT	540	519	489	663	626	659	293
OC-ALC	MED	OFF	106	111	118	123	133	142	147
		ENL	253	258	277	272	271	291	320
		CIV	117	123	139	152	154	143	144
		TOT	476	492	534	547	558	576	611
OC-ALC	BOS	OFF	69	70	71	76	75	70	64
		ENL	973	1015	1039	1133	1097	885	836
		CIV	3964	3825	3554	3301	1730	1517	1382
		TOT	5006	4910	4664	4510	2902	2472	2282
OC-ALC	TOTAL	OFF	345	347	347	360	370	363	362
		ENL	1364	1410	1454	1734	1669	1551	1497
		CIV	16921	16519	15903	13722	12278	11700	10477
		TOT	18630	18276	17704	15816	14317	13614	12336

## MANPOWER HISTORY OF AIR LOGISTICS CENTERS

CENTER	TYPE	CAI	FY88	FY89	FY90	FY91	FY92	FY93	FY94
OO-ALC	FMS	OFF	9	10	8	8	3	6	6
		ENL	3	3	1	1	4	4	4
		CIV	713	770	671	599	487	577	761
		TOT	725	783	680	608	494	587	771
OO-ALC	MAINT	OFF	45	47	46	45	45	27	27
		ENL	356	358	357	355	355	352	353
		CIV	6634	6553	6696	5611	5567	5427	4571
		TOT	7035	6958	7099	6011	5967	5806	4951
OO-ALC	MM	OFF	126	119	107	108	112	105	109
		ENL	106	102	102	102	112	94	65
		CIV	2392	2150	1854	1631	1583	1082	930
		TOT	2624	2371	2063	1841	1807	1281	1104
OO-ALC	PK	OFF	16	16	16	15	11	12	12
		ENL	0	0	0	0	0	0	0
		CIV	437	410	410	380	324	233	162
		TOT	453	426	426	395	335	245	174
OO-ALC	MGMT	OFF	9	10	10	10	9	8	7
		ENL	11	13	13	12	12	12	12
		CIV	67	71	77	74	67	58	55
		TOT	87	94	100	96	88	78	74
OO-ALC	COMM/ COMP	OFF	5	5	5	8	11	12	8
		ENL	0	0	0	93	99	134	101
		CIV	523	497	472	451	397	358	82
		TOT	528	502	477	552	507	504	191
OO-ALC	MED	OFF	72	81	89	90	101	98	104
		ENL	179	180	190	196	202	194	197
		CIV	87	85	97	118	136	129	128
		TOT	338	346	376	404	439	421	429
OO-ALC	BOS	OFF	73	73	71	79	81	76	74
		ENL	1066	1067	1062	1093	1053	993	948
		CIV	3504	3378	3238	3186	2228	1623	1576
		TOT	4643	4518	4371	4358	3362	2692	2598
OO-ALC	TOTAL	OFF	355	361	352	363	373	344	347
		ENL	1721	1723	1725	1852	1837	1783	1680
		CIV	14357	13914	13515	12050	10789	9487	8265
		TOT	16433	15998	15592	14265	12999	11614	10292

### MANPOWER HISTORY OF AIR LOGISTICS CENTERS

CENTER	TYPE	CAI	FY88	FY89	FY90	FY91	FY92	FY93	FY94
SA-ALC	FMS	OFF	17	18	19	17	17	16	15
		ENL	0	0	0	0	0	0	0
		CIV	762	705	616	573	684	578	681
		TOT	779	723	635	590	701	594	696
SA-ALC	MAINT	OFF	43	39	38	38	37	35	35
		ENL	146	143	143	143	143	159	159
		CIV	7600	7584	7448	6660	6817	7048	5661
		TOT	7789	7766	7629	6841	6997	7242	5855
SA-ALC	MM	OFF	150	149	131	127	127	117	107
		ENL	352	352	347	320	331	347	135
		CIV	2940	2797	2519	2357	2803	2639	2174
		TOT	3442	3298	2997	2804	3261	3103	2416
SA-ALC	PK	OFF	17	17	17	16	13	13	13
		ENL	0	0	0	0	0	0	0
		CIV	646	598	586	538	492	431	373
		TOT	663	615	603	554	505	444	386
SA-ALC	MGMT	OFF	7	6	7	7	8	9	9
		ENL	12	12	12	11	11	11	11
		CIV	73	79	85	87	70	56	48
		TOT	92	97	104	105	89	76	68
SA-ALC	COMM/ COMP	OFF	4	4	4	7	8	7	5
		ENL	0	0	0	152	166	171	150
		CIV	408	392	374	431	358	278	96
		TOT	412	396	378	590	532	456	251
SA-ALC	MED	OFF	8	9	11	12	46	42	43
		ENL	20	20	19	20	104	105	110
		CIV	31	31	30	33	74	73	75
		TOT	59	60	60	65	224	220	228
SA-ALC	BOS	OFF	65	67	69	66	64	54	63
		ENL	559	568	556	527	474	466	455
		CIV	4235	4071	3976	3666	2889	1447	1400
		TOT	4859	4706	4601	4259	3427	1967	1918
SA-ALC	TOTAL	OFF	311	309	296	290	320	293	290
		ENL	1089	1095	1077	1173	1229	1259	1020
		CIV	16695	16257	15634	14345	14187	12550	10508
		TOT	18095	17661	17007	15808	15736	14102	11018

## MANPOWER HISTORY OF AIR LOGISTICS CENTERS

CENTER	TYPE	CAI	FY88	FY89	FY90	FY91	FY92	FY93	FY94
SM-ALC	FMS	OFF	13	10	8	8	4	4	4
		ENL	0	0	0	0	0	0	0
		CIV	527	401	279	212	203	187	367
		TOT	540	411	287	220	207	191	371
SM-ALC	MAINT	OFF	40	40	40	40	40	40	33
		ENL	263	263	262	260	259	252	248
		CIV	6026	6035	6045	5415	5322	5354	5104
		TOT	6329	6338	6347	5715	5621	5646	5385
SM-ALC	MM	OFF	104	105	100	100	112	97	96
		ENL	90	91	93	91	153	30	29
		CIV	2283	2301	2297	2093	2421	1884	1634
		TOT	2477	2497	2490	2284	2686	2011	1759
SM-ALC	PK	OFF	16	16	16	14	11	11	11
		ENL	0	0	0	0	0	0	0
		CIV	326	333	304	280	251	174	121
		TOT	342	349	320	294	262	185	132
SM-ALC	MGMT	OFF	13	13	13	14	13	10	7
		ENL	22	22	22	22	22	12	14
		CIV	61	64	72	71	64	58	38
		TOT	96	99	107	107	99	80	59
SM-ALC	COMM/ COMP	OFF	3	3	3	11	11	26	35
		ENL	0	0	22	269	293	292	299
		CIV	477	458	443	457	356	346	157
		TOT	480	461	468	737	660	664	491
SM-ALC	MED	OFF	38	40	46	54	57	146	157
		ENL	110	109	121	124	127	346	365
		CIV	84	83	91	92	94	161	167
		TOT	232	232	258	270	278	653	689
SM-ALC	BOS	OFF	62	64	64	61	52	56	54
		ENL	738	729	700	726	662	706	714
		CIV	3249	3171	3014	1950	1478	1282	1103
		TOT	4049	3964	3778	2737	2192	2044	1871
SM-ALC	TOTAL	OFF	289	291	290	302	300	390	397
		ENL	1223	1214	1220	1492	1516	1638	1669
		CIV	13033	12346	12545	10570	10189	9446	8691
		TOT	14545	14351	14055	12364	12005	11474	10757

### MANPOWER HISTORY OF AIR LOGISTICS CENTERS

CENTER	TYPE	CAI	FY88	FY89	FY90	FY91	FY92	FY93	FY94
WR-ALC	FMS	OFF	7	7	7	7	6	4	8
		ENL	0	0	0	0	0	0	0
		CIV	589	598	490	489	577	448	471
		TOT	596	605	497	496	583	452	479
WR-ALC	MAINT	OFF	39	39	39	40	37	37	37
		ENL	136	136	135	135	135	138	138
		CIV	6132	6213	6399	5913	6147	6308	6349
		TOT	6307	6388	6573	6088	6319	6483	6524
WR-ALC	MM	OFF	108	103	87	88	96	95	97
		ENL	18	18	19	20	83	38	28
		CIV	2887	2634	2286	2122	2817	2205	1730
		TOT	3013	2755	2392	2230	2996	2338	1855
WR-ALC	PK	OFF	18	18	17	17	15	15	14
		ENL	1	1	1	1	0	0	0
		CIV	575	540	515	425	386	314	234
		TOT	594	559	533	443	401	329	248
WR-ALC	MGMT	OFF	7	7	7	6	6	6	6
		ENL	4	4	3	4	4	5	5
		CIV	72	76	80	77	78	58	51
		TOT	83	87	90	87	88	69	62
WR-ALC	COMM/ COMP	OFF	6	6	6	9	9	10	8
		ENL	1	1	1	71	85	120	108
		CIV	405	389	368	351	292	240	58
		TOT	412	396	375	431	386	370	174
WR-ALC	MED	OFF	82	86	89	91	100	102	104
		ENL	181	183	189	185	194	198	207
		CIV	86	95	107	115	109	126	127
		TOT	349	364	385	391	403	426	438
WR-ALC	BOS	OFF	74	75	76	80	69	63	59
		ENL	894	895	852	880	793	726	708
		CIV	3749	3507	3159	3418	2499	1401	1367
		TOT	4717	4477	4087	4378	3361	2190	2134
WR-ALC	TOTAL	OFF	341	341	328	338	338	332	333
		ENL	1235	1238	1200	1296	1294	1225	1194
		CIV	14495	14052	13404	12910	12905	11100	10387
		TOT	16071	15631	14932	14544	14537	12657	11914

## MANPOWER HISTORY OF AIR LOGISTICS CENTERS

CENTER	TYPE	CAT	FY88	FY89	FY90	FY91	FY92	FY93	FY94
TOTAL	FMS	OFF	54	49	46	44	34	34	36
		ENL	3	3	1	2	5	5	4
		CIV	3084	2976	2493	2296	2339	2156	2701
		TOT	3141	3028	2540	2342	2378	2195	2741
TOTAL	MAINT	OFF	212	210	208	209	205	185	177
		ENL	1010	1008	1006	1002	1001	1029	1026
		CIV	34236	34236	34388	29669	29844	30526	27825
		TOT	35458	35454	35602	30880	31050	31740	29028
TOTAL	MM	OFF	579	567	507	505	527	485	485
		ENL	584	581	579	590	696	526	274
		CIV	13823	12959	11878	10969	12696	10256	8422
		TOT	14986	14107	12964	12064	13919	11267	9181
TOTAL	PK	OFF	84	84	83	77	65	64	62
		ENL	1	1	1	1	0	0	0
		CIV	2545	2419	2288	2043	1862	1486	1158
		TOT	2630	2504	2372	2121	1927	1550	1220
TOTAL	MGMT	OFF	43	43	45	45	44	41	36
		ENL	60	62	61	61	61	43	45
		CIV	356	376	405	392	358	311	268
		TOT	459	481	511	498	463	395	349
TOTAL	COMM/ COMP	OFF	20	20	20	41	48	64	64
		ENL	1	1	23	735	805	943	851
		CIV	2351	2253	2144	2197	1858	1646	485
		TOT	2372	2274	2187	2973	2711	2653	1400
TOTAL	MED	OFF	306	327	353	370	437	530	555
		ENL	743	750	796	797	898	1134	1199
		CIV	405	417	464	510	567	632	641
		TOT	1454	1494	1613	1677	1902	2296	2395
TOTAL	BOS	OFF	343	349	351	362	341	319	314
		ENL	4230	4274	4209	4359	4079	3776	3661
		CIV	18701	17952	16941	15521	10824	7270	6828
		TOT	23274	22575	21501	20242	15244	11365	10803
TOTAL	ALL ALCs	OFF	1641	1649	1613	1653	1701	1722	1729
		ENL	6632	6680	6676	7547	7545	7456	7060
		CIV	75501	73588	71001	63597	60348	54283	48328
		TOT	83774	81917	79290	72797	69594	63461	57117

## MANPOWER HISTORY OF AIR LOGISTICS CENTERS

<u>CENTER</u>	<u>TYPE</u>	<u>CAT</u>	<u>FY88</u>	<u>FY89</u>	<u>FY90</u>	<u>FY91</u>	<u>FY92</u>	<u>FY93</u>	<u>FY94</u>
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**LEGEND:**

**FMS: Foreign Military Sales - PECs A2XXXX, XXXXXS (including PECs below with suffix "S")**

**MAINT: Depot Maintenance - PECs 72007, 72207, 78211**

**MM: Materiel Management - PECs 71112, 78065B, 78202A, 78070 except A & C, MFP 2 not in BOS Mission Element. Includes Item Management, System Management, Engineering, Provisioning.**

**PK: Central Contracting - PECs 71113, 78065C, 78070C, 78202C. Excludes Base Contracting.**

**MGMT: Management Overhead - PEC 72829**

**COMM/COMP: Communications & Computers - PECs 78012, 78201B, 78202B, MFP 3 except 31XXX.**

**MED: Medical - PEC 877XXX**

**BOS: Base Operating Support (Excludes Medical). Includes Depot Supply and GDIP.**

Question: Provide documentation to show agreements to use available space by depot, by ALC, by installation.

Answer: (Uncertified Data). No specific agreements have been reached on use of available space. Site surveys are currently underway to identify space being made available because of TRC consolidations. Specific placement of other organizations in available space will be worked after the site survey results have been reviewed. Further information will be provided at that time.

The Air Force recommendation was not contingent upon the use of available space by any organization. It will, however, be made available where possible.



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

130 MAR 1995

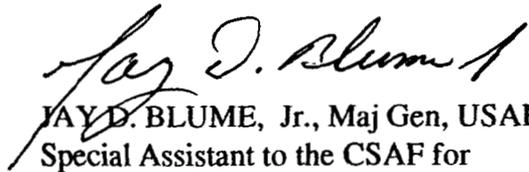
MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT

SUBJECT: USAF BRAC '95 Depot Information

The attached data is forwarded in response to your request for depot information (reference questions to AF/LGM on 16 March and fax to AF/RTR on 18 March). Please note the two requests were combined due to some duplication. Some information is still pending and will be forwarded upon receipt from HQ AFMC.

Please feel free to call if there are any questions. My point of contact is Lt Col Louise Eckhardt, DSN 225-4578.

  
JAY D. BLUME, Jr., Maj Gen, USAF  
Special Assistant to the CSAF for  
Realignment and Transition

Attachments:

79-09

79-11

80-01b

80-04f

\* note all part of tasker #247

**Question:** When will a decision be made on which facilities will be mothballed, destroyed, or utilized by other organizations?

**Answer:** (Uncertified Data). Site surveys have been completed. We expect a final report on the results of these site surveys on or about 10 April 1995.

079-11

Question: Provide information on the effect of 2-Level vs. 3-Level maintenance on depot workload. What impact will there be on manpower numbers when fully implemented?

Answer: (Uncertified Data) Please refer to the attached chart. The total impact is approximately 1438 people in the depot maintenance function. Even though 2-Level maintenance will result in a depot maintenance workload increase to support 1438 personnel, only 666 authorizations have been added. This difference in actual vs. authorized personnel results from authorizations/personnel being realigned from other areas which had decreased workloads.

## AFMC DMBA

## 2-Level Maintenance

	FY94	FY95	FY96	FY97
Added Auth				
Civ	537	537	537	534
Mil	132	132	132	132
	669	669	669	666
Actual Bodies				
Civ	794	1101	1214	1306
Mil	140	132	132	132
	934	1233	1346	1438
Actual bodies by category of work				
Engines				
Civ	533	843	903	973
Mil	84	76	76	76
	617	919	979	1049
Avionics				
Civ	257	252	304	325
Mil	53	53	53	53
	310	305	357	378
EW				
Civ	4	6	7	8
Mil	3	3	3	3
	7	9	10	11

DNTC - 251110L

Mr Deet  
9 Feb 95

# AIR FORCE 1995 BRAC

## Commodity And Process Consolidations Personnel Impacts

Commodity	OC	OO	SA	SM	WR
Composites/Plastics	-37	-49	-46	+225	-163
Engine Related	-125		-100		
Hyd	-2	-7	-3	-38	-2
ATE Software	*-108	+81	-75	-172	+81
Sheetmetal Repair	-218	+208	-52	-63	-64
Instrument Repair	-169	-82		+272	-149
Abn Electronics	-4	-37		-92	-119
Metal Mfg	*-320	+163	-118	-31	-32
Paint/Depaint	-29	-8	-19	-16	-20
Misc	-46	-32	-20	-71	+2
<b>Total</b>	<b>-1058</b>	<b>+237</b>	<b>-433</b>	<b>+14</b>	<b>-466</b>

Note:  
Boxes indicate  
Reports consolidated  
to support the  
commodity after  
consolidation.

\* ATE Software at  
OC should have been  
boxed also

BRAC SENSITIVE

080-01b

Question: Provide details of migration of position authorizations (military and civilian) in and out for each ALC function (reductions and reallocations).

080-04f

Question: Provide authorization migration and eliminations based on downsize in place strategy (1995 BRAC recommendation).

Answer: (Certified Data) Please refer to the attached chart which was briefed to Secretary Deutch on 9 Feb 95. The chart reflects movements for DMBA personnel only.



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE



05 APR 1995

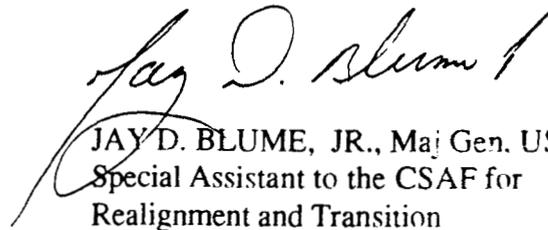
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JAY D. BLUME, JR., Maj Gen. USAF  
Special Assistant to the CSAF for  
Realignment and Transition

Attachments:

78-05d p. 2-3  
80-02a (interim reply) p. 4-14  
80-02b (interim reply) p. 15-16  
80-04b p. 17-19  
80-04d p. 20-43  
80-07b (interim reply) p. 44-55  
80-07c (interim reply) p. 44-45

RT 247

078-5d

What is the basis for the \$44 million cost for the renovation of shop space?

Answer: (Uncertified Data)

The attached chart provides background for the \$44 million cost for the renovation of shop space. The total is obtained by summing the TRC entry for each respective ALC.

These renovation costs are associated with reallocating and setting up shop space when workloads are moved from one location to another as well as moving workloads from small parcels of space and consolidating it in one location for optimal efficiency.

ALL SQUARE FOOTAGE

**Hill (Prior to Adjustments)**

	Sq Feet (000)	Cost (\$000)
Mothball	955	\$ 1,194
Demolition	247	\$ 5,750
TRC	204	\$ 4,590
Sub-total	1406	\$ 11,534

**Kelly (Prior to Adjustments)**

	Sq Feet (000)	Cost (\$000)
Mothball	867	\$ 1,100
Demolition	226	\$ 4,533
TRC	181	\$ 4,080
Sub-total	1274	\$ 9,713

**McClellan (Prior to Adjustments)**

	Sq Feet (000)	Cost (\$000)
Mothball	559	\$ 700
Demolition	231	\$ 6,250
TRC	834	\$ 18,770
Sub-total	1624	\$ 25,720

**Robins (Prior to Adjustments)**

	Sq Feet (000)	Cost (\$000)
Mothball	615	\$ 700
Demolition	96	\$ 2,600
TRC	386	\$ 8,690
Sub-total	1097	\$ 11,990

**Tinker (Prior to Adjustments)**

	Sq Feet (000)	Cost (\$000)
Mothball	702	\$ 900
Demolition	304	\$ 6,730
TRC	357	\$ 8,040
Sub-total	1363	\$ 15,670

**Summary (Prior to Adjustments)**

	Sq Feet (000)	Cost (\$000)
Mothball	3698	\$ 4,594
Demolition	1104	\$ 25,863
TRC	1962	\$ 44,170
Sub-total	6764	\$ 74,627

← Here is the \$44 million

080-02a

Provide military construction projects authorized and projects executed - dollar value of each and description by ALC, by year 1985-1995

Interim Answer (Certified Data): The information on the attached worksheet includes MILCON projects at the five installations with Air Logistics Centers. Some of these projects support non-ALC operations. This list is being reviewed by AFMC/XP to identify which projects were completed in support of ALC operations. That list will be forwarded as soon as we receive it.

MILCON DATA  
~~AIR EDUCATION AND TRAINING COMMAND~~

FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
86	MTC	HILL	MCP	KRSM860082	ADAL ACFT CORROS CONTROL FAC	13,400	SF	CNS	100	100
FY TOTAL:						13,400				
88	MTC	HILL	MCP	KRSM870071	ADAL AVIONICS SUPPORT FACILITY	12,000	SF	CNS	100	100
88	MTC	HILL	MCP	KRSM880072	PKR-STAGE I, II & III STORAGE	5,600	SF	CNS	100	100
88	MTC	HILL	MCP	KRSM880083	STRUCTURAL REPAIR & MAINT FAC	25,000	SF	CNS	100	100
FY TOTAL:						42,600				
89	MTC	HILL	MCP	KRSM860088	COMBAT LOGISTICS SUPPORT FAC	3,700	SF	CNS	100	100
89	MTC	HILL	MCP	KRSM870074	ADAL METAL PROCESSING SHOP	1,600	SF	CNS	100	100
89	MTC	HILL	MCP	KRSM880092	TACTICAL CTL SQDN SPEC OPS FAC	3,750	SF	CNS	100	100
89	ACC	HILL	MCP	KRSM893092	SOUND SUPPRESSOR SUPPORT	880	EA	CNS	100	100
89	ACC	HILL	MCP	MUHJ890010	LANTIRN AVIONICS FACILITY	810	LS	CNS	100	100
FY TOTAL:						10,740				
90	MTC	HILL	MCP	KRSM860089	EXPLOSIVE ORD DISPOSAL FAC	2,150	SF	CNS	100	100
90	MTC	HILL	MCP	KRSM870076	CONSOLIDATED TELECOM FACILITY	7,300	SF	CNS	100	97
90	MTC	HILL	MCP	KRSM903018	PROCUREMENT FAC CONSOLIDATION	3,700	SF	CNS	100	100
90	MTC	HILL	MCP	KRSM923006	CHILD CARE CENTER	1,300	LS	CNS	100	97
FY TOTAL:						14,450				
91	MTC	HILL	MCP	KRSM913014	PEACEKEEPER-STAGE STORAGE	3,250	SF	CNS	100	97
91	MTC	HILL	MCP	KRSM913015	PEACEKEEPER ORDNANCE STORAGE	3,250	SF	CNS	100	100
91	MTC	HILL	MCP	KRSM923023	ICBM NDI FACILITY	2,800	SF	CNS	100	97
FY TOTAL:						9,300				
92	MTC	HILL	MCP	KRSM870068	DEPOT PRODUCTION SUPPORT FAC	4,050	SF	CNS	100	96
92	ACC	HILL	MCP	KRSM870088	MISSILE MAINTENANCE SHOP	2,450	SF	CNS	100	100
92	ACC	HILL	MCP	KRSM923021	WEAPON AND RELEASE SYSTEM SHOP	2,700	SF	CNS	100	91
FY TOTAL:						9,200				

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FY	REQ	BASE	TYPE	PROJECT NO	PROJECT TITLE	PA	UM	STATUS	ACTUAL	ACTUAL
	MAJ		PROGRAM			(\$000)			DESIGN	CONSTR
93	MTC	HILL	MCP	KRSM923019	POWER UPGRADE	2,300	LS	CNS	100	1
93	MTC	HILL	MCP	KRSM923028	ACM ADAL NDI FACILITY	1,450	SF	CNS	100	97
93	MTC	HILL	MCP	KRSM933018	UNDERGROUND FUEL STORAGE TANKS	1,500	EA	CNS	100	85
93	MTC	HILL	MCP	KRSM943037	ENGINE TEST CELL SUPPORT	850	EA	CNS	100	97
FY TOTAL:						6,100				
94	MTC	HILL	MCP	KRSM913003	UPGRADE WATER DISTRIBUTION SYS	2,400	LF	CNS	100	36
94	MTC	HILL	MCP	KRSM933019	FIRE TRAINING FACILITY (DBOF)	880	EA	CNS	100	60
94	MTC	HILL	MCP	KRSM943032	UPGR INDUS WASTE TREAT DBOF	5,100	KG	CNS	100	2
94	MTC	HILL	MCP	KRSM963013	UPGR INDUS WASTE COLLEC SYS	6,200	LF	CNS	100	2
FY TOTAL:						14,580				
						120,370				

FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
86	MTC	KELLY	MCP	MBPB867331	EMERGENCY BACK-UP POWER	2,500	KW	CNS	100	100
FY TOTAL:						2,500				
88	AIA	KELLY	MCP	MBPB868349	ADAL CRYPTOLOGIC SUPT CTR CPLX	17,000	LS	CNS	100	100
88	MTC	KELLY	MCP	MBPB871181	FUEL SYS ACCESSORIES TEST FAC	9,400	SF	CNS	100	100
88	MTC	KELLY	MCP	MBPB876809	JET FUEL STORAGE	2,750	LS	CNS	100	100
FY TOTAL:						29,150				
89	MTC	KELLY	MCP	MBPB872101	ADD TO HAZAR MATERIAL STOR FAC	3,000	SF	CNS	100	100
89	MTC	KELLY	MCP	MBPB881289	CORROSION CONTROL FAC	8,800	SF	CNS	100	100
89	MTC	KELLY	MCP	MBPB887407	DEPOT WAREHOUSE	17,500	SF	CNS	100	100
FY TOTAL:						29,300				
90	MTC	KELLY	MCP	MBPB871283	GAS TURBINE ENGINE REP FAC	14,000	SF	CNS	100	98
90	MTC	KELLY	MCP	MBPB874099	ADAL CHILD CARE CENTER	730	SF	CNS	100	100
90	MTC	KELLY	MCP	MBPB903618	ADAL LOG SYSTEMS OPS CENTER	3,200	LS	CNS	100	100
FY TOTAL:						17,930				
91	LEE	KELLY	MCP	MBPB902899	AF SERVICE INFO AND NEWS FAC	4,000	SF	CNS	100	100
91	MTC	KELLY	MCP	MBPB921737	ADAL DEPOT CORR CONTROL FAC	6,300	SF	CNS	100	99
FY TOTAL:						10,300				
92	MTC	KELLY	MCP	MBPB867336	ALTER DORMITORIES	3,900	PN	CNS	100	71
92	MTC	KELLY	MCP	MBPB923001	ALTR WEAPON SYS SUPPORT CENTER	10,000	SF	CNS	100	70
FY TOTAL:						13,900				
93	MTC	KELLY	MCP	MBPB896201	CHEMICAL WASTE STAGE FAC DBOF	970	SF	CNS	100	48
93	MTC	KELLY	MCP	MBPB921104	C-17 ADAL INTEGRATION FAC DBOF	4,850	SF	CNS	100	95
93	MTC	KELLY	MCP	MBPB933007	INDUS WASTE PRETREATMENT FAC	2,500	LS	CNS	100	55
93	MTC	KELLY	MCP	MBPB933051	UNDERGROUND FUEL STORAGE TANKS	3,000	EA	CNS	100	99

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FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
93	MTC	KELLY	MCP	MBPB933055	FIRE TRAINING FACILITY	1,500	EA	CNS	100	2
93	MTC	KELLY	MCP	MBPB933300	RENV INDUST WASTEWATER COLLECT	9,300	LS	CNS	100	84
FY TOTAL:						22,120				
94	MTC	KELLY	MCP	MBPB867337	ADAL DORMITORIES (DBOF)	2,000	PN	CNS	100	1
94	MTC	KELLY	MCP	MBPB923003	C-17 ENGINEERING TEST LAB	2,600	SF	CNS	100	21
94	MTC	KELLY	MCP	MBPB933003	C17 ALT DEPOT AVIONIC FAC DBOF	731	SF	CNS	100	50
94	MTC	KELLY	MCP	MBPB943007	C-17 ADAL NDI FACILITY (DBOF)	4,900	SF	CNS	100	35
94	MTC	KELLY	MCP	MBPB943012A	ALTR WPN SYS SPT CNTR PH2 DBOF	7,800	SF	CNS	100	1
94	MTC	KELLY	MCP	MBPB943804	UPGRADE SANITARY SEWER MAINS	3,000	LF	CNS	100	29
94	MTC	KELLY	MCP	MBPB953003	UPGRADE STORM DRAINAGE SYS PHI	2,900	LF	CNS	100	48
94	MTC	KELLY	MCP	MBPB953505	UPGRADE TAXIWAY	3,550	SY	CNS	100	50
FY TOTAL:						27,481				
95	MTC	KELLY	MCP	MBPB933050	UPGRADE HYDRANT FUELING SYSTEM	3,700	LS	BID	100	
95	MTC	KELLY	MCP	MBPB943411	ADD TO AND ALTER DORMITORY	2,250	PN	CNS	100	1
95	MTC	KELLY	MCP	MBPB953805	UPGRADE SANITARY SEWER LINES	3,000	LF	BID	100	
FY TOTAL:						8,950				
						161,631				

FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
86	MTC	MCCLELLA	MCP	PRJY861001	DEPOT ELECTRO WARFARE/COMM FAC	13,100	SF	CNS	100	100
86	MTC	MCCLELLA	MCP	PRJY861002	MEDICAL & OCCUP HEALTH CLINIC	12,800	SF	CNS	100	100
86	MTC	MCCLELLA	MCP	PRJY861003	LOG SYS OPS CENTER	10,300	SF	CNS	100	100
86	MTC	MCCLELLA	MCP	PRJY861009	ACFT ACCESSORY MAINT COMPLEX	16,929	SF	CNS	100	100
FY TOTAL:						53,129				
87	MTC	MCCLELLA	MCP	PRJY871001	DEPOT FLT INSTR OVERHAUL FAC	9,400	SF	CNS	100	100
87	MTC	MCCLELLA	MCP	PRJY871005	ADAL DEPOT WAREHOUSE	9,400	SF	CNS	100	100
FY TOTAL:						18,800				
88	MTC	MCCLELLA	MCP	PRJY871009	ALTER ELECTRIC DIST SYSTEM	3,600	LS	CNS	100	100
88	MTC	MCCLELLA	MCP	PRJY881003	ADD TO DEPOT WAREHOUSE	14,500	SF	CNS	100	100
FY TOTAL:						18,100				
89	MTC	MCCLELLA	MCP	PRJY861004	FIRE SPRINKLER SYSTEMS	2,200	LS	CNS	100	100
89	MTC	MCCLELLA	MCP	PRJY871007	VEHICLE REFUELING STATION	880	LS	CNS	100	100
FY TOTAL:						3,080				
90	MTC	MCCLELLA	MCP	PRJY871008	VEHICLE MAINTENANCE FACILITY	5,000	SF	CNS	100	100
90	MTC	MCCLELLA	MCP	PRJY881004	ADAL CHILD DEVELOPMENT CENTER	630	SF	CNS	100	100
90	MTC	MCCLELLA	MCP	PRJY881014	UPGR ELECTR DISTRIBUTION SYS	9,500	KV	CNS	100	99
90	MTC	MCCLELLA	MCP	PRJY891013	JET FUEL STORAGE COMPLEX	6,200	LS	CNS	100	100
90	MTC	MCCLELLA	MCP	PRJY901007	CHILD CARE CENTER	1,200	SF	CNS	100	100
90	MTC	MCCLELLA	MCP	PRJY901023	ADAL DEPOT HYDRAULIC FACILITY	7,400	LS	CNS	100	100
FY TOTAL:						29,930				
91	MTC	MCCLELLA	MCP	PRJY881010	ADAL DEPOT CORR CONTROL FAC	11,200	SF	CNS	95	96
FY TOTAL:						11,200				
93	MTC	MCCLELLA	MCP	PRJY923052	UPGR INDUST WASTE COLLECT SYS	1,750	LF	CNS	100	32

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FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
93	MTC	MCCELELLA	MCP	PRJY933007	RENOVATE DEPOT PLATING SHOP	7,000	SF	CNS	100	3
93	MTC	MCCELELLA	MCP	PRJY933014	UNDERGROUND FUEL STORAGE TANKS	1,150	EA	CNS	100	2
FY TOTAL:						9,900				
94	MTC	MCCELELLA	MCP	PRJY881011	FIRE PROTECTION ARCEFT FAC DBOF	1,900	SF	CNS	100	5
94	MTC	MCCELELLA	MCP	PRJY933003	UPGRADE AIRCRAFT PARKING APRON	6,700	SY	DSG	60	
94	MTC	MCCELELLA	MCP	PRJY933022	INTEGRATED MEDIA CENTER	1,600	SF	DSG	100	
FY TOTAL:						10,200				
95	MTC	MCCELELLA	MCP	PRJY943016	NEAR FIELD TEST RANGE	8,500	SF	DSG	35	
FY TOTAL:						8,500				
FY TOTAL:						162,839				

FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
87	MTC	ROBINS	MCP	UHHZ880028	ADAL AVIONICS REPAIR FAC	6,455	SF	CNS	100	100
FY TOTAL:						6,455				
88	MTC	ROBINS	MCP	UHHZ890017	DEPOT AIRCRAFT HANGAR	15,500	SF	CNS	100	100
FY TOTAL:						15,500				
89	MTC	ROBINS	MCP	UHHZ870018	ACFT CORROSION CONTROL FAC	11,400	SF	CNS	100	100
89	MTC	ROBINS	MCP	UHHZ870034	ADAL ENGINEERING TEST FACILITY	7,500	SF	CNS	100	100
89	MTC	ROBINS	MCP	UHHZ880031	ADAL WEAPON SYSTEMS SUPT CTR	12,600	SF	CNS	100	100
FY TOTAL:						31,500				
90	SPC	ROBINS	MCP	EDQR890008	MILSTAR COMMUNIC GROUND TERM'L	330	SF	CNS	100	100
90	MTC	ROBINS	MCP	UHHZ860032	ADAL CHILD CARE CENTER	1,100	SF	CNS	100	100
90	MTC	ROBINS	MCP	UHHZ880019	UPGRADE ACND FOR DEPOT LABS	720	LS	CNS	100	100
90	MTC	ROBINS	MCP	UHHZ890001	F-15 WING REPAIR FACILITY	8,200	SF	CNS	100	100
90	MTC	ROBINS	MCP	UHHZ890015	LOGISTICS COMPLEX	9,300	SF	CNS	100	100
90	MTC	ROBINS	MCP	UHHZ903003	DEPOT MAINTENANCE HANGAR	13,700	SF	CNS	100	100
FY TOTAL:						33,350				
91	ACC	ROBINS	MCP	UHHZ890020	QRP MOBILE EQ/MAINT FACILITY	3,500	SF	CNS	100	99
91	MTC	ROBINS	MCP	UHHZ903001	ADAL INTEGRATION SUPT FAC	8,300	LS	CNS	100	69
FY TOTAL:						11,800				
92	MTC	ROBINS	MCP	ESDS923554	JOINT STARS AUTOMATIC TEST FAC	2,500	SF	CNS	100	99
92	MTC	ROBINS	MCP	UHHZ880012	BASE ENGINEER COMPLEX PH I	6,800	SF	CNS	100	17
92	MTC	ROBINS	MCP	UHHZ913006	INDUST WASTEWATER OUTFALL LINE	1,700	LF	CNS	100	100
92	ACC	ROBINS	MCP	UHHZ923911	MISSION SIM/SOFTWARE SUPP FAC	9,200	SF	CNS	100	65
92	MTC	ROBINS	MCP	UHHZ923912	FLIGHT SIMULATOR	2,200	SF	CNS	100	31
92	ACC	ROBINS	MCP	UHHZ923913	UPGRADE UTILITY AND COMM SYS	2,650	LS	CNS	100	54
92	ACC	ROBINS	MCP	UHHZ923914	ALTER TACTICAL TRAINING SQDN	2,250	SF	CNS	100	31
FY TOTAL:						27,300				

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FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
93	ACC	ROBINS	MCP	UHHZ943011	JSTARS SECURITY IMPROVEMENTS	1,800	LF	CNS	100	1
93	ACC	ROBINS	MCP	UHHZ943013	JSTARS ACFT APRON & FUEL SYS	9,700	EA	CNS	100	23
FY TOTAL:						11,500				
94	MTC	ROBINS	MCP	UHHZ903000	ADAL LOG SYSTEMS OPNS CENTER	3,000	SF	DSG	100	
94	MTC	ROBINS	MCP	UHHZ923007	ACFT SPT EQUIP PAINT FAC	970	SF	DSG	100	
94	MTC	ROBINS	MCP	UHHZ933001	ADAL DORMITORIES (DBOF)	4,300	PN	CNS	100	3
94	MTC	ROBINS	MCP	UHHZ943007	UPGRADE INDUST WASTE TRMT PLNT	10,700	LS	CNS	100	4
94	ACC	ROBINS	MCP	UHHZ943030	JSTARS ADAL UTILITIES	3,500	LS	CNS	100	54
94	ACC	ROBINS	MCP	UHHZ943031	JSTARS SQUAD OPS/AMU	7,500	SF	CNS	100	4
94	ACC	ROBINS	MCP	UHHZ943032	JSTARS ADAL MAINT COMPLEX	9,300	SF	CNS	100	2
94	ACC	ROBINS	MCP	UHHZ943033	JSTARS ADAL OPERATIONS COMPLEX	4,100	SF	CNS	100	1
FY TOTAL:						43,370				
95	MTC	ROBINS	ERG	UHHZ973003	HAZARDOUS WASTE PROCESSING FAC	4,100	SF	CNS	100	1
95	MTC	ROBINS	MCP	UHHZ870015	ALTR WPN SYS SUPPORT CENTER	4,700	SF	DSG	100	
95	MTC	ROBINS	MCP	UHHZ953005	UPGRADE STORM DRAINAGE SYSTEM	2,200	LS	DSG	100	
95	ACC	ROBINS	MCP	UHHZ953015	JSTARS DORMITORIES	5,525	PN	DSG	95	
95	ACC	ROBINS	MCP	UHHZ953017	JSTARS ADD TO ISF FACILITY	3,100	LS	DSG	35	
95	ACC	ROBINS	MCP	UHHZ953030	JSTARS-EXPANDED FLIGHT KITCHEN	1,850	SF	DSG	95	
95	ACC	ROBINS	MCP	UHHZ953031	JSTARS UTILITIES/MISC SUPPORT	3,825	LS	DSG	35	
FY TOTAL:						25,300				
						206,075				

FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
86	MTC	TINKER	MCP	WWYK860061	TRANSIENT MUN FAC/LAND ACQ	6,900	LS	CNS	100	100
FY TOTAL:						6,900				
87	MTC	TINKER	MCP	WWYK780047	WAREHOUSE	10,800	SF	CNS	100	100
87	MTC	TINKER	MCP	WWYK840006A	AIRCRAFT MAINT HANGAR	15,000	SF	CNS	100	100
FY TOTAL:						25,800				
88	MTC	TINKER	ERG	WWYK886372	RESTORE STORM DAMAGE, VARIOUS	4,600	LS	CNS	100	100
88	MTC	TINKER	MCP	WWYK870040	ADVANCED COMPOSITE REPAIR FAC	6,700	SF	CNS	100	100
88	ACC	TINKER	MCP	WWYK871039	AIRCRAFT SUPPORT EQUIP SHOP	2,300	SF	CNS	100	99
FY TOTAL:						13,600				
89	MTC	TINKER	ERG	WWYK883363	BASE CIVIL ENGINEERING FAC	2,300	SF	CNS	100	100
89	MTC	TINKER	MCP	WWYK860063	SECURITY POLICE OPERATIONS FAC	1,250	SF	CNS	100	100
89	MTC	TINKER	MCP	WWYK890034	B-1B-AVIONICS FAC/LAND ACQUIS	11,400	LS	CNS	100	100
FY TOTAL:						14,950				
90	ACC	TINKER	MCP	WWYK880046	AWACS SUPPLY WAREHOUSE	3,450	SF	CNS	100	100
90	MTC	TINKER	MCP	WWYK883376	ADAL INDUS WASTE TREAT PLANT	1,700	LS	CNS	100	100
90	MTC	TINKER	MCP	WWYK890004	ADAL DEP MATERIEL PROCESS FAC	7,000	LS	CNS	100	100
90	MTC	TINKER	MCP	WWYK890021	B-1B RADAR SOFTWARE TEST FAC	2,000	LS	CNS	100	100
90	MTC	TINKER	MCP	WWYK890049	B-2 INTEG SUPPORT FACILITY	17,000	SF	CNS	100	100
90	MTC	TINKER	MCP	WWYK890050	B-2 SECURE STORAGE FACILITY	5,200	SF	CNS	100	100
90	MTC	TINKER	MCP	WWYK890052	B-2 AVIONICS FAC/LAND ACQ	9,600	LS	CNS	100	100
90	MTC	TINKER	MCP	WWYK923039	CHILD CARE CENTER	1,550	SF	CNS	100	100
FY TOTAL:						47,500				
91	MTC	TINKER	MCP	WWYK800270	CONSOL FUEL CTL FAC/LAND ACQ	13,600	LS	CNS	100	97
91	ACC	TINKER	MCP	WWYK870037	AWACS AIRCRAFT FIRE PROTECTION	2,750	LS	CNS	100	98
91	MTC	TINKER	MCP	WWYK900035	LOGISTICAL SYSTEMS OPS CNTR	13,200	LS	CNS	100	99
91	MTC	TINKER	MCP	WWYK900038	SYSTEMS ENGINEERING FACILITY	650	SF	CNS	100	100
91	MTC	TINKER	MCP	WWYK910011	UPGRADE ELECTRICAL DIST SYSTEM	3,500	LS	CNS	100	100

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FY	REQ MAJ	BASE	TYPE PROGRAM	PROJECT NO	PROJECT TITLE	PA (\$000)	UM	STATUS	ACTUAL % DESIGN	ACTUAL % CONST
91	MTC	TINKER	MCP	WWYK923043	LAND ACQUISITION	1,850	AC	CNS	100	90
FY TOTAL:						35,550				
92	MTC	TINKER	MCP	WWYK900036	UPG WATER SUPPLY/STOR/DIST SYS	3,700	LS	CNS	100	100
FY TOTAL:						3,700				
93	MTC	TINKER	MCP	WWYK870045	ADAL DORMITORIES	4,050	PN	CNS	100	99
93	MTC	TINKER	MCP	WWYK910014	DEPOT HAZARDOUS WASTE PROCESS	2,300	SF	CNS	100	21
93	MTC	TINKER	MCP	WWYK933013	ADAL DEPOT PLATING SHOP	10,200	SF	CNS	100	6
93	MTC	TINKER	MCP	WWYK933058	FIRE TRAINING FACILITY	1,600	EA	CNS	100	5
93	MTC	TINKER	MCP	WWYK943019	UPGR INDUS WASTE TREAT DBOF	3,950	KG	CNS	100	87
FY TOTAL:						22,100				
94	MTC	TINKER	MCP	WWYK880037	SEAL FUEL CONTAINMENT DIKES	620	SY	CNS	100	90
94	MTC	TINKER	MCP	WWYK923033	ENG & CONTRACT SUPPORT FAC	5,900	SF	CNS	100	15
94	MTC	TINKER	MCP	WWYK933057	UNDERGROUND FUEL STORAGE TANKS	4,700	EA	CNS	100	16
94	MTC	TINKER	MCP	WWYK943011	INDUST WASTEWATER CONNECT DBOF	5,400	LF	CNS	100	51
94	MTC	TINKER	MCP	WWYK943028	ALTER HYDRANT FUELING SYS	4,129	LF	CNS	100	67
FY TOTAL:						20,749				
95	MTC	TINKER	MCP	WWYK933022	EXTEND/UPGR ALTERNATE RUNWAY	10,800	SY	DSG	100	
95	MTC	TINKER	MCP	WWYK943020	ALTR VENT SYS CORR CTL FAC DBO	8,400	SF	DSG	100	
95	MTC	TINKER	MCP	WWYK953056	UPGRADE STORM DRAINAGE SYSTEM	1,243	LS	BID	100	
FY TOTAL:						20,443				
						211,292				
						862,207				

080-02b

Provide military construction projects programmed - dollar value of each and description by ALC, by year 1996-2001

Interim Answer (Certified Data): The information on the attached worksheet includes MILCON projects at the five installations with Air Logistics Centers for the years 1996-1997. This is the most complete planning information that AF/CEC has in its database. Some of these projects support non-ALC operations. This list is being reviewed by AFMC/XP to identify which projects are planned in support of ALC operations. That list will be forwarded as soon as we receive it.

MILCON Projects at ALC Bases

FY 96/97

McClellan AFB, CA

FY 96 None

FY 97 None

Robins AFB, GA

FY 96	JSTARS Aircraft Fuel System Maintenance Dock	6,900
FY 97	JSTARS Add/Alter Aircraft Apron/ Hydrant Fuel Sys	7,100
FY 97	JSTARS Squad Ops/AMU	9,100
FY 97	JSTARS Aircraft Maint Hangar/Shops	1,650
FY 97	JSTARS Add/Alter Dining Facility	4,450
FY 97	JSTARS Child Development Ctr	3,550

Tinker AFB, OK

FY 96	Add/Alter Dormitories	5,100
FY 97	Consolidated Vehicle Maint Shop (DBOF)	8,300
FY 97	Upgrade Storm Drainage	2,880
FY 97	B-2 Add to Hangar Fire Protection Sys	5,400

Kelly AFB, TX

FY 96	Wing HQ Facility	3,244
FY 97	Wing Support Fac	3,380
FY 97	Upgrade Storm Drainage	2,200

Hill AFB, UT

FY 96 None

FY 97 None

080-04b

Provide numbers of personnel for each installation, each ALC, and each major organizational component (actual on-board as of August, 1994).

Answer (Uncertified Data)

The attached spreadsheets provide background for the following summary tables.

#### Installation Population

Installation	ALC Military	Installation Tenant Military	Total Civilian	Total
Hill AFB	2297	2681	9138	14116
McClellan AFB	2389	567	9299	12255
Robins AFB	1698	3105	11205	16008
Kelly AFB	1806	2878	11403	16087
Tinker AFB	2425	5059	11630	19114

Note: Installation population includes only those organizations serviced by the respective civilian personnel office. It does not include tenant organizations such as DISA, DLA, etc. These numbers were provided in the answer to question 080-04e.

#### ALC Population

ALC	Military Population	Civilian Population	Total Population
Ogden ALC	2297	8449	10746
Sacramento ALC	2389	8921	11310
Warner Robins ALC	1698	10334	12032
San Antonio ALC	1806	10618	12424
Oklahoma City ALC	2425	10498	12923

The following information applies to support data:

#### Tab 1: Installation Support Data

"Serviced AF Employees" refers to those civilian employees serviced by the civilian personnel office at respective installations. Does not include DISA, DLA, etc.

BASEWIDE POPULATION AT AIR LOGISTIC CENTER, REGARDLESS OF COMMAND

MILITARY ASSIGNED AND SERVICED POPULATION OF AIR LOGISTIC CENTERS						
AIR LOGISTIC CENTERS	ASSIGNED		TENANTS		TOTAL	
	ENL	OFF	ENL	OFF		
OO-ALC HILL AFB UT (MTC)	1857	440	2402	279	4699	
SA-ALC KELLY AFB TX (MTC)	1506	300	2377	501	4183	
SM-ALC MCCLELLAN AFB CA (MTC)	1985	404	488	79	2877	
WR-ALC ROBINS AFB GA (MTC)	1293	405	2654	451	4352	
OC-ALC TINKER AFB OK (MTC)	1914	511	4183	876	6608	
<b>TOTAL</b>	<b>8555</b>	<b>2060</b>	<b>12104</b>	<b>2186</b>	<b>22719</b>	

80-046 (Served AF employees at each ALC)

CPF Name		Total at ALC (Aug 84)
HILL AFB UT (MTC)	9138	
MCCELLAN AFB CA (MTC)	9299	
ROBINS AFB GA (MTC)	11206	
KELLY AFB TX (MTC)	11403	
TINKER AFB OK (MTC)	11630	

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080-04d

Provide the number of supervisors and number of "hands-on" personnel for each ALC and for each major organizational component of each ALC.

Answer (Uncertified Data)

The following spreadsheets provide numbers for supervisor/non supervisor personnel. The term "owned supervisors" refers to those individuals designated by respective civilian personnel offices as belonging to a particular two-letter organization and filling a supervisory position. The civilian personnel information is divided into supervisor and total number of *supervisor and non-supervisor* personnel. In addition, military personnel are not identified within the personnel system as filling supervisor or non-supervisor positions. We have provided a rank breakdown for military personnel which should provide some idea of the numbers of supervisor/non supervisor positions for military personnel.

The information is organized as follows:

Tab 1: Total number of supervisors by two-letter organizations

Tab 2: Total number of supervisors and non-supervisors by two letter organization

Tab 3: Total number of enlisted personnel by rank

Tab 4: Total number of officer personnel by rank

Total number of current Supervisors at each of the 5 ALCs by use - letter organization.

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OH	2	TOTAL Supervisors	Name of ALC
AA	1	1	Hill - Ogdan ALC
BC	1	1	Hill - Ogdan ALC
CC	1	1	Hill - Ogdan ALC
CE	38	38	Hill - Ogdan ALC
CH	1	1	Hill - Ogdan ALC
DP	14	14	Hill - Ogdan ALC
EM	6	6	Hill - Ogdan ALC
FM	18	18	Hill - Ogdan ALC
FS	1	1	Hill - Ogdan ALC
IM	1	1	Hill - Ogdan ALC
JA	2	2	Hill - Ogdan ALC
LA	188	188	Hill - Ogdan ALC
LG	61	61	Hill - Ogdan ALC
LM	97	97	Hill - Ogdan ALC
MO	52	52	Hill - Ogdan ALC
MU	2	2	Hill - Ogdan ALC
OS	2	2	Hill - Ogdan ALC
PK	2	2	Hill - Ogdan ALC
QI	34	34	Hill - Ogdan ALC
OL	9	9	Hill - Ogdan ALC
SC	12	12	Hill - Ogdan ALC
SE	1	1	Hill - Ogdan ALC
SG	22	22	Hill - Ogdan ALC
SP	6	6	Hill - Ogdan ALC
SU	3	3	Hill - Ogdan ALC
SV	6	6	Hill - Ogdan ALC
TI	21	21	Hill - Ogdan ALC
XP	81	81	Kelly - San Antonio ALC
BC	2	2	Kelly - San Antonio ALC
CB	1	1	Kelly - San Antonio ALC
CC	1	1	Kelly - San Antonio ALC
CD	3	3	Kelly - San Antonio ALC
CE	1	1	Kelly - San Antonio ALC
CH	69	69	Kelly - San Antonio ALC
DP	4	4	Kelly - San Antonio ALC
EM	27	27	Kelly - San Antonio ALC
FM	8	8	Kelly - San Antonio ALC
FS	32	32	Kelly - San Antonio ALC
HO	2	2	Kelly - San Antonio ALC
IG	1	1	Kelly - San Antonio ALC
IM	1	1	Kelly - San Antonio ALC
JA	6	6	Kelly - San Antonio ALC
LA	180	180	Kelly - San Antonio ALC
LD	143	143	Kelly - San Antonio ALC
LG	69	69	Kelly - San Antonio ALC
LP	181	181	Kelly - San Antonio ALC
LH	1	1	Kelly - San Antonio ALC
MO	3	3	Kelly - San Antonio ALC
NW	3	3	Kelly - San Antonio ALC
OS	37	37	Kelly - San Antonio ALC
PK	3	3	Kelly - San Antonio ALC
QL	38	38	Kelly - San Antonio ALC
SC	2	2	Kelly - San Antonio ALC
SE	16	16	Kelly - San Antonio ALC
SF	5	5	Kelly - San Antonio ALC
SG	18	18	Kelly - San Antonio ALC
SL	1	1	Kelly - San Antonio ALC

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Name of ALC	Off. 2	TOTAL Supervisors
Kelly - San Antonio ALC	SP	2
Kelly - San Antonio ALC	SV	16
Kelly - San Antonio ALC	TI	81
Kelly - San Antonio ALC	XP	8
McClellan - Sacramento ALC	AA	1
McClellan - Sacramento ALC	BC	1
McClellan - Sacramento ALC	CB	1
McClellan - Sacramento ALC	CC	2
McClellan - Sacramento ALC	CD	1
McClellan - Sacramento ALC	CE	46
McClellan - Sacramento ALC	CR	2
McClellan - Sacramento ALC	DP	31
McClellan - Sacramento ALC	EM	7
McClellan - Sacramento ALC	FM	28
McClellan - Sacramento ALC	FS	1
McClellan - Sacramento ALC	HO	1
McClellan - Sacramento ALC	LA	144
McClellan - Sacramento ALC	LG	37
McClellan - Sacramento ALC	LH	136
McClellan - Sacramento ALC	LI	69
McClellan - Sacramento ALC	LX	20
McClellan - Sacramento ALC	MO	3
McClellan - Sacramento ALC	OS	2
McClellan - Sacramento ALC	PA	1
McClellan - Sacramento ALC	PK	30
McClellan - Sacramento ALC	QL	31
McClellan - Sacramento ALC	SC	24
McClellan - Sacramento ALC	SE	1
McClellan - Sacramento ALC	SG	11
McClellan - Sacramento ALC	SL	1
McClellan - Sacramento ALC	SP	2
McClellan - Sacramento ALC	SV	19
McClellan - Sacramento ALC	TI	118
Robins - Warner Robins ALC	AD	1
Robins - Warner Robins ALC	BC	1
Robins - Warner Robins ALC	CC	1
Robins - Warner Robins ALC	CE	32
Robins - Warner Robins ALC	CR	2
Robins - Warner Robins ALC	DP	28
Robins - Warner Robins ALC	EM	3
Robins - Warner Robins ALC	FM	35
Robins - Warner Robins ALC	FS	1
Robins - Warner Robins ALC	IM	6
Robins - Warner Robins ALC	JA	2
Robins - Warner Robins ALC	LB	39
Robins - Warner Robins ALC	LF	78
Robins - Warner Robins ALC	LG	62
Robins - Warner Robins ALC	LJ	100
Robins - Warner Robins ALC	LK	31
Robins - Warner Robins ALC	LN	58
Robins - Warner Robins ALC	LU	28
Robins - Warner Robins ALC	LV	14
Robins - Warner Robins ALC	LY	95
Robins - Warner Robins ALC	MO	3
Robins - Warner Robins ALC	MU	2
Robins - Warner Robins ALC	OS	1
Robins - Warner Robins ALC	PK	43
Robins - Warner Robins ALC	QL	13
Robins - Warner Robins ALC	SC	13

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Name of ALC	Off. 2	TOTAL Supervisors
Robins - Warner Robins ALC	SE	2
Robins - Warner Robins ALC	SG	6
Robins - Warner Robins ALC	SP	1
Robins - Warner Robins ALC	SV	28
Robins - Warner Robins ALC	TI	154
Robins - Warner Robins ALC	XP	11
Tinker - Oklahoma City ALC	BC	1
Tinker - Oklahoma City ALC	CC	3
Tinker - Oklahoma City ALC	CD	1
Tinker - Oklahoma City ALC	CE	64
Tinker - Oklahoma City ALC	CR	3
Tinker - Oklahoma City ALC	DO	2
Tinker - Oklahoma City ALC	DP	18
Tinker - Oklahoma City ALC	DS	3
Tinker - Oklahoma City ALC	EM	6
Tinker - Oklahoma City ALC	FM	37
Tinker - Oklahoma City ALC	FS	1
Tinker - Oklahoma City ALC	HO	1
Tinker - Oklahoma City ALC	IM	8
Tinker - Oklahoma City ALC	JA	1
Tinker - Oklahoma City ALC	LA	300
Tinker - Oklahoma City ALC	LG	53
Tinker - Oklahoma City ALC	LI	141
Tinker - Oklahoma City ALC	LP	160
Tinker - Oklahoma City ALC	MO	5
Tinker - Oklahoma City ALC	PA	1
Tinker - Oklahoma City ALC	PK	49
Tinker - Oklahoma City ALC	QL	6
Tinker - Oklahoma City ALC	SC	12
Tinker - Oklahoma City ALC	SE	1
Tinker - Oklahoma City ALC	SG	6
Tinker - Oklahoma City ALC	SP	2
Tinker - Oklahoma City ALC	SV	16
Tinker - Oklahoma City ALC	TI	90
Tinker - Oklahoma City ALC	XD	1
Tinker - Oklahoma City ALC	XP	3

Name of ALC	Off_2	TOTAL Non-Sprvs
Hill - Ogden ALC	AA	15
Hill - Ogden ALC	BC	6
Hill - Ogden ALC	CC	11
Hill - Ogden ALC	CE	361
Hill - Ogden ALC	CR	6
Hill - Ogden ALC	DP	135
Hill - Ogden ALC	EM	74
Hill - Ogden ALC	FM	198
Hill - Ogden ALC	FS	4
Hill - Ogden ALC	HC	1
Hill - Ogden ALC	HO	1
Hill - Ogden ALC	IG	7
Hill - Ogden ALC	IM	13
Hill - Ogden ALC	JA	11
Hill - Ogden ALC	LA	2272
Hill - Ogden ALC	LG	571
Hill - Ogden ALC	LI	1201
Hill - Ogden ALC	LM	739
Hill - Ogden ALC	MA	9
Hill - Ogden ALC	MC	1
Hill - Ogden ALC	MO	24
Hill - Ogden ALC	MU	3
Hill - Ogden ALC	OS	13
Hill - Ogden ALC	PA	8
Hill - Ogden ALC	PK	322
Hill - Ogden ALC	QI	6
Hill - Ogden ALC	QL	34
Hill - Ogden ALC	SC	105
Hill - Ogden ALC	SE	13
Hill - Ogden ALC	SG	103
Hill - Ogden ALC	SL	4
Hill - Ogden ALC	SP	19
Hill - Ogden ALC	SU	36
Hill - Ogden ALC	SV	69
Hill - Ogden ALC	TI	1375
Hill - Ogden ALC	XP	17
Kelly - San Antonio ALC	AA	8
Kelly - San Antonio ALC	BC	8
Kelly - San Antonio ALC	CB	2
Kelly - San Antonio ALC	CC	22
Kelly - San Antonio ALC	CE	441
Kelly - San Antonio ALC	CK	2
Kelly - San Antonio ALC	CR	19
Kelly - San Antonio ALC	DO	2
Kelly - San Antonio ALC	DP	199
Kelly - San Antonio ALC	EM	100
Kelly - San Antonio ALC	FM	250
Kelly - San Antonio ALC	FS	9
Kelly - San Antonio ALC	HC	1
Kelly - San Antonio ALC	HO	1
Kelly - San Antonio ALC	IG	9
Kelly - San Antonio ALC	IM	30
Kelly - San Antonio ALC	JA	35
Kelly - San Antonio ALC	LA	2001
Kelly - San Antonio ALC	LD	1855
Kelly - San Antonio ALC	LG	543
Kelly - San Antonio ALC	LP	2176
Kelly - San Antonio ALC	LR	4

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Total number of owned non-supervisors at each of the 5 ALCs by two-letter organization

Name of ALC	Off 2	TOTAL Non-Sprvs
Kelly - San Antonio ALC	MO	21
Kelly - San Antonio ALC	NW	280
Kelly - San Antonio ALC	OS	15
Kelly - San Antonio ALC	PA	10
Kelly - San Antonio ALC	PK	428
Kelly - San Antonio ALC	QI	3
Kelly - San Antonio ALC	OL	3
Kelly - San Antonio ALC	SC	3
Kelly - San Antonio ALC	SE	86
Kelly - San Antonio ALC	ST	22
Kelly - San Antonio ALC	SG	110
Kelly - San Antonio ALC	SL	61
Kelly - San Antonio ALC	SP	3
Kelly - San Antonio ALC	SV	14
Kelly - San Antonio ALC	SW	1
Kelly - San Antonio ALC	TI	998
Kelly - San Antonio ALC	XP	32
McClellan - Sacramento ALC	AA	1
McClellan - Sacramento ALC	BC	10
McClellan - Sacramento ALC	BL	6
McClellan - Sacramento ALC	CB	1
McClellan - Sacramento ALC	CC	2
McClellan - Sacramento ALC	CE	11
McClellan - Sacramento ALC	CN	277
McClellan - Sacramento ALC	CR	4
McClellan - Sacramento ALC	DP	6
McClellan - Sacramento ALC	EM	207
McClellan - Sacramento ALC	FM	89
McClellan - Sacramento ALC	FS	230
McClellan - Sacramento ALC	HO	4
McClellan - Sacramento ALC	IG	2
McClellan - Sacramento ALC	IM	6
McClellan - Sacramento ALC	JA	4
McClellan - Sacramento ALC	LA	14
McClellan - Sacramento ALC	LG	1719
McClellan - Sacramento ALC	LH	288
McClellan - Sacramento ALC	LJ	1821
McClellan - Sacramento ALC	LK	1087
McClellan - Sacramento ALC	LQ	1
McClellan - Sacramento ALC	LX	1
McClellan - Sacramento ALC	MO	175
McClellan - Sacramento ALC	MU	20
McClellan - Sacramento ALC	OS	2
McClellan - Sacramento ALC	PA	19
McClellan - Sacramento ALC	PK	9
McClellan - Sacramento ALC	PS	214
McClellan - Sacramento ALC	QI	1
McClellan - Sacramento ALC	OL	13
McClellan - Sacramento ALC	SC	225
McClellan - Sacramento ALC	SE	146
McClellan - Sacramento ALC	SG	18
McClellan - Sacramento ALC	SL	136
McClellan - Sacramento ALC	SP	4
McClellan - Sacramento ALC	SV	4
McClellan - Sacramento ALC	TI	46
McClellan - Sacramento ALC	XD	1309
McClellan - Sacramento ALC	XP	3
Robins - Warner Robins ALC	AA	5

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Name of ALC	Off 2	TOTAL Non-Sprvs
Robins - Warner Robins ALC	BC	9
Robins - Warner Robins ALC	CB	5
Robins - Warner Robins ALC	CC	28
Robins - Warner Robins ALC	CE	278
Robins - Warner Robins ALC	CR	9
Robins - Warner Robins ALC	DP	166
Robins - Warner Robins ALC	EM	59
Robins - Warner Robins ALC	FM	212
Robins - Warner Robins ALC	FS	9
Robins - Warner Robins ALC	HC	1
Robins - Warner Robins ALC	HO	3
Robins - Warner Robins ALC	IG	7
Robins - Warner Robins ALC	IM	41
Robins - Warner Robins ALC	JA	17
Robins - Warner Robins ALC	LB	457
Robins - Warner Robins ALC	LF	807
Robins - Warner Robins ALC	LG	606
Robins - Warner Robins ALC	LJ	1439
Robins - Warner Robins ALC	LK	289
Robins - Warner Robins ALC	LN	678
Robins - Warner Robins ALC	LU	185
Robins - Warner Robins ALC	LV	84
Robins - Warner Robins ALC	LY	1285
Robins - Warner Robins ALC	MA	3
Robins - Warner Robins ALC	MO	19
Robins - Warner Robins ALC	MU	18
Robins - Warner Robins ALC	OS	13
Robins - Warner Robins ALC	PA	9
Robins - Warner Robins ALC	PK	346
Robins - Warner Robins ALC	QI	6
Robins - Warner Robins ALC	QL	115
Robins - Warner Robins ALC	SC	81
Robins - Warner Robins ALC	SE	13
Robins - Warner Robins ALC	SG	107
Robins - Warner Robins ALC	SL	3
Robins - Warner Robins ALC	SP	15
Robins - Warner Robins ALC	SV	64
Robins - Warner Robins ALC	TI	1898
Robins - Warner Robins ALC	XP	51
Tinker - Oklahoma City ALC	AA	6
Tinker - Oklahoma City ALC	BC	7
Tinker - Oklahoma City ALC	CC	24
Tinker - Oklahoma City ALC	CE	433
Tinker - Oklahoma City ALC	CR	19
Tinker - Oklahoma City ALC	DO	16
Tinker - Oklahoma City ALC	DP	184
Tinker - Oklahoma City ALC	DS	2
Tinker - Oklahoma City ALC	EM	98
Tinker - Oklahoma City ALC	FM	273
Tinker - Oklahoma City ALC	FS	9
Tinker - Oklahoma City ALC	HC	1
Tinker - Oklahoma City ALC	HO	2
Tinker - Oklahoma City ALC	IG	6
Tinker - Oklahoma City ALC	IM	26
Tinker - Oklahoma City ALC	JA	17
Tinker - Oklahoma City ALC	LA	2994
Tinker - Oklahoma City ALC	LG	481
Tinker - Oklahoma City ALC	LI	1695
Tinker - Oklahoma City ALC	LP	1629

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Name of ALC	Off 2	TOTAL Non-Sprvs
Tinker - Oklahoma City ALC	MO	23
Tinker - Oklahoma City ALC	PA	8
Tinker - Oklahoma City ALC	PK	345
Tinker - Oklahoma City ALC	QL	31
Tinker - Oklahoma City ALC	SC	76
Tinker - Oklahoma City ALC	SE	18
Tinker - Oklahoma City ALC	SG	131
Tinker - Oklahoma City ALC	SL	4
Tinker - Oklahoma City ALC	SP	18
Tinker - Oklahoma City ALC	SV	88
Tinker - Oklahoma City ALC	TI	824
Tinker - Oklahoma City ALC	TQ	3
Tinker - Oklahoma City ALC	XD	8
Tinker - Oklahoma City ALC	XP	23
Tinker - Oklahoma City ALC	XS	3

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Name of ALC	Off 2	TOTAL
Hill - Ogden ALC	AA	17
Hill - Ogden ALC	BC	7
Hill - Ogden ALC	CC	12
Hill - Ogden ALC	CE	399
Hill - Ogden ALC	CR	7
Hill - Ogden ALC	DP	149
Hill - Ogden ALC	EM	80
Hill - Ogden ALC	FM	217
Hill - Ogden ALC	FS	5
Hill - Ogden ALC	HC	1
Hill - Ogden ALC	HO	1
Hill - Ogden ALC	IG	7
Hill - Ogden ALC	IM	14
Hill - Ogden ALC	JA	13
Hill - Ogden ALC	LA	2460
Hill - Ogden ALC	LG	632
Hill - Ogden ALC	LI	1298
Hill - Ogden ALC	LM	785
Hill - Ogden ALC	MA	9
Hill - Ogden ALC	MC	1
Hill - Ogden ALC	MO	28
Hill - Ogden ALC	MU	4
Hill - Ogden ALC	OS	15
Hill - Ogden ALC	PA	6
Hill - Ogden ALC	PK	356
Hill - Ogden ALC	QI	7
Hill - Ogden ALC	QL	37
Hill - Ogden ALC	SC	117
Hill - Ogden ALC	SE	15
Hill - Ogden ALC	SG	109
Hill - Ogden ALC	SL	4
Hill - Ogden ALC	SP	22
Hill - Ogden ALC	SU	42
Hill - Ogden ALC	SV	90
Hill - Ogden ALC	TI	1466
Hill - Ogden ALC	XP	19
Kelly - San Antonio ALC	AA	6
Kelly - San Antonio ALC	BC	9
Kelly - San Antonio ALC	CB	3
Kelly - San Antonio ALC	CC	25
Kelly - San Antonio ALC	CD	1
Kelly - San Antonio ALC	CE	510
Kelly - San Antonio ALC	CK	2
Kelly - San Antonio ALC	CR	23
Kelly - San Antonio ALC	DO	2
Kelly - San Antonio ALC	DP	226
Kelly - San Antonio ALC	EM	108
Kelly - San Antonio ALC	FM	282
Kelly - San Antonio ALC	FS	11
Kelly - San Antonio ALC	HC	1
Kelly - San Antonio ALC	HO	2
Kelly - San Antonio ALC	IG	10
Kelly - San Antonio ALC	IM	36
Kelly - San Antonio ALC	JA	36
Kelly - San Antonio ALC	LA	2181
Kelly - San Antonio ALC	LD	1798
Kelly - San Antonio ALC	LG	612
Kelly - San Antonio ALC	LP	2357

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Total number of owned  
 supervisors and  
 non-supervisors at each  
 of the 5 ALCs by  
 Two-Letter organization.

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Name of ALC	Off 2	TOTAL
Kelly - San Antonio ALC	LR	5
Kelly - San Antonio ALC	MO	24
Kelly - San Antonio ALC	NW	317
Kelly - San Antonio ALC	OS	18
Kelly - San Antonio ALC	PA	10
Kelly - San Antonio ALC	PK	466
Kelly - San Antonio ALC	QI	3
Kelly - San Antonio ALC	QL	5
Kelly - San Antonio ALC	SC	102
Kelly - San Antonio ALC	SE	27
Kelly - San Antonio ALC	SF	129
Kelly - San Antonio ALC	SG	67
Kelly - San Antonio ALC	SL	4
Kelly - San Antonio ALC	SP	16
Kelly - San Antonio ALC	SV	64
Kelly - San Antonio ALC	SW	1
Kelly - San Antonio ALC	TI	1079
Kelly - San Antonio ALC	XP	40
McClellan - Sacramento ALC	7B	1
McClellan - Sacramento ALC	AA	11
McClellan - Sacramento ALC	BC	7
McClellan - Sacramento ALC	BL	1
McClellan - Sacramento ALC	CB	3
McClellan - Sacramento ALC	CC	13
McClellan - Sacramento ALC	CD	1
McClellan - Sacramento ALC	CE	323
McClellan - Sacramento ALC	CN	4
McClellan - Sacramento ALC	CR	8
McClellan - Sacramento ALC	DP	238
McClellan - Sacramento ALC	EM	96
McClellan - Sacramento ALC	FM	258
McClellan - Sacramento ALC	FS	5
McClellan - Sacramento ALC	HO	3
McClellan - Sacramento ALC	IG	6
McClellan - Sacramento ALC	IM	4
McClellan - Sacramento ALC	JA	14
McClellan - Sacramento ALC	LA	1863
McClellan - Sacramento ALC	LG	335
McClellan - Sacramento ALC	LH	1957
McClellan - Sacramento ALC	LI	1156
McClellan - Sacramento ALC	LK	1
McClellan - Sacramento ALC	LQ	1
McClellan - Sacramento ALC	LX	195
McClellan - Sacramento ALC	MO	23
McClellan - Sacramento ALC	MU	2
McClellan - Sacramento ALC	OS	21
McClellan - Sacramento ALC	PA	10
McClellan - Sacramento ALC	PK	244
McClellan - Sacramento ALC	PS	1
McClellan - Sacramento ALC	QI	13
McClellan - Sacramento ALC	QL	256
McClellan - Sacramento ALC	SC	170
McClellan - Sacramento ALC	SE	19
McClellan - Sacramento ALC	SG	147
McClellan - Sacramento ALC	SL	5
McClellan - Sacramento ALC	SP	6
McClellan - Sacramento ALC	SV	65
McClellan - Sacramento ALC	TI	1427
McClellan - Sacramento ALC	XD	3

Name of ALC	Off 2	TOTAL
McClellan - Sacramento ALC	XP	5
Robins - Warner Robins ALC	AA	7
Robins - Warner Robins ALC	AD	1
Robins - Warner Robins ALC	BC	10
Robins - Warner Robins ALC	CB	5
Robins - Warner Robins ALC	CC	29
Robins - Warner Robins ALC	CE	310
Robins - Warner Robins ALC	CR	11
Robins - Warner Robins ALC	DP	184
Robins - Warner Robins ALC	EM	62
Robins - Warner Robins ALC	FM	247
Robins - Warner Robins ALC	FS	10
Robins - Warner Robins ALC	HC	1
Robins - Warner Robins ALC	HO	9
Robins - Warner Robins ALC	IG	7
Robins - Warner Robins ALC	IM	47
Robins - Warner Robins ALC	JA	19
Robins - Warner Robins ALC	LB	496
Robins - Warner Robins ALC	LF	885
Robins - Warner Robins ALC	LG	668
Robins - Warner Robins ALC	LJ	1539
Robins - Warner Robins ALC	LK	320
Robins - Warner Robins ALC	LN	736
Robins - Warner Robins ALC	LU	211
Robins - Warner Robins ALC	LV	98
Robins - Warner Robins ALC	LY	1380
Robins - Warner Robins ALC	MA	3
Robins - Warner Robins ALC	MO	22
Robins - Warner Robins ALC	MU	20
Robins - Warner Robins ALC	OS	14
Robins - Warner Robins ALC	PA	9
Robins - Warner Robins ALC	PK	389
Robins - Warner Robins ALC	QI	6
Robins - Warner Robins ALC	QL	128
Robins - Warner Robins ALC	SC	94
Robins - Warner Robins ALC	SE	15
Robins - Warner Robins ALC	SG	113
Robins - Warner Robins ALC	SL	3
Robins - Warner Robins ALC	SP	16
Robins - Warner Robins ALC	SV	92
Robins - Warner Robins ALC	TI	2052
Robins - Warner Robins ALC	XP	62
Tinker - Oklahoma City ALC	AA	6
Tinker - Oklahoma City ALC	BC	8
Tinker - Oklahoma City ALC	CC	27
Tinker - Oklahoma City ALC	CD	1
Tinker - Oklahoma City ALC	CE	497
Tinker - Oklahoma City ALC	CR	22
Tinker - Oklahoma City ALC	DO	18
Tinker - Oklahoma City ALC	DP	202
Tinker - Oklahoma City ALC	DS	5
Tinker - Oklahoma City ALC	EM	104
Tinker - Oklahoma City ALC	FM	310
Tinker - Oklahoma City ALC	FS	10
Tinker - Oklahoma City ALC	HC	1
Tinker - Oklahoma City ALC	HO	3
Tinker - Oklahoma City ALC	IG	6
Tinker - Oklahoma City ALC	IM	34
Tinker - Oklahoma City ALC	JA	18

Name of ALC	Off 2	TOTAL
Tinker - Oklahoma City ALC	LA	3294
Tinker - Oklahoma City ALC	LG	534
Tinker - Oklahoma City ALC	LI	1838
Tinker - Oklahoma City ALC	LP	1789
Tinker - Oklahoma City ALC	MO	28
Tinker - Oklahoma City ALC	PA	9
Tinker - Oklahoma City ALC	PK	394
Tinker - Oklahoma City ALC	QL	37
Tinker - Oklahoma City ALC	SC	88
Tinker - Oklahoma City ALC	SE	19
Tinker - Oklahoma City ALC	SG	137
Tinker - Oklahoma City ALC	SL	4
Tinker - Oklahoma City ALC	SP	20
Tinker - Oklahoma City ALC	SV	82
Tinker - Oklahoma City ALC	TI	914
Tinker - Oklahoma City ALC	TQ	3
Tinker - Oklahoma City ALC	XD	9
Tinker - Oklahoma City ALC	XP	26
Tinker - Oklahoma City ALC	XS	3

ENLISTED PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

	2-LTR	A-B	AMN	A1C	SGT	SSG	TSG	MSG	SMS	CMS	TOTAL
OC-ALC											
DAA	0	0	0	4	1	4	2	2	0	0	11
DCC	0	0	17	62	78	46	34	22	2	0	18
DCI	0	0	9	40	67	43	24	19	0	1	183
DCM	0	0	0	0	0	0	0	0	0	1	1
DDO	0	0	0	0	0	0	0	0	0	1	1
DDP	0	0	0	0	0	0	1	1	2	0	4
DEM	0	0	0	4	17	18	12	5	1	1	62
DFM	0	0	0	11	2	4	3	2	0	0	1
DHC	0	0	0	1	0	1	1	1	0	0	22
DJA	0	0	0	0	2	2	1	1	0	0	4
DLA	0	0	0	0	2	2	1	0	1	0	6
DLG	0	0	0	6	15	14	12	9	2	1	12
DLI	0	0	0	0	1	4	2	4	0	0	49
DLP	0	0	0	1	2	13	3	2	1	1	23
DMA	0	0	0	0	18	32	18	17	2	1	89
DMS	0	0	0	0	0	0	0	1	0	0	1
DNA	0	3	1	10	5	3	2	2	0	0	24
DNB	0	2	6	30	19	7	4	4	0	0	68
DNC	0	1	5	12	7	4	4	4	0	0	34
DND	1	2	15	19	15	7	4	4	1	0	63
DNE	0	5	9	19	21	12	5	5	0	0	74
DNF	0	0	7	13	8	3	1	1	2	1	33
DOS	1	1	4	13	12	4	4	4	1	0	40
DSL	0	0	0	0	0	3	1	1	0	0	4
DSP	9	31	48	95	50	20	15	2	2	1	272
DST	0	0	1	17	22	6	1	1	1	1	49
DSV	0	2	1	3	3	1	1	0	0	0	11
DTI	0	0	0	3	1	0	0	0	0	0	4
DXP	0	0	0	0	0	0	1	0	0	0	1
TOTAL	18	76	224	434	344	187	135	20	10	1446	

CHARACTER 1 REPRESENTS THE SUB-COMMAND CODE; DISREGARD  
 CHARACTERS 2 AND 3 REPRESENT THE 2 LETTER OFFICE SYMBOL

PREPARED 30 MAR 95

TSGT BUCKMAN, DPXD, 7-4923

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ENLISTED PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

	2-LTR	A-B	AMN	A1C	SGT	SSG	TSG	MSG	SMS	CMS	TOTAL
OO-ALC	EAA	0	0	0	4	4	7	12	1	1	29
	ECC	0	1	1	4	3	4	5	0	0	18
	ECE	2	14	61	78	93	44	33	2	3	330
	ECM	0	0	0	0	0	0	0	0	0	1
	ECP	0	2	0	5	3	4	2	0	0	16
	EDP	0	2	5	12	11	14	8	1	1	54
	EEA	0	0	0	1	0	0	0	0	0	1
	EFM	0	2	6	6	9	4	0	0	0	27
	EHC	0	0	0	1	0	2	0	0	0	3
	EIG	0	0	0	0	0	0	1	0	0	1
	EJA	0	0	0	2	1	0	2	0	0	5
	EIA	0	0	0	4	12	9	8	0	1	35
	ELG	1	11	31	87	101	65	25	6	1	338
	ELI	0	0	1	1	6	3	5	0	1	17
	ELM	0	1	10	21	10	6	4	2	1	55
	EMA	1	12	33	45	43	15	15	2	1	167
	EMS	0	0	0	0	0	0	1	0	0	1
	ENA	0	2	6	7	1	4	1	0	0	21
	ENB	0	3	3	11	13	7	2	0	0	39
	ENC	0	0	2	8	7	4	1	0	0	23
	END	0	1	3	19	10	5	4	0	0	42
	ENE	0	1	3	18	13	3	9	1	0	48
	ENF	0	0	6	7	8	3	2	0	0	26
	EOS	0	1	5	23	20	10	7	1	0	67
	EPA	0	0	0	0	0	1	0	0	0	1
	ESC	2	12	24	41	35	16	13	0	1	144
	ESL	0	0	0	0	1	2	1	0	0	4
	ESP	1	15	35	67	35	14	5	2	1	175
	ESU	0	0	0	2	2	3	0	0	0	7
	ESV	0	3	0	2	6	4	0	0	0	15
	ETI	0	0	0	0	0	0	1	0	0	1
TOTAL		7	83	236	487	447	253	168	19	13	1712

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ENLISTED PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

SA-ALC	FAA	FCC	FCE	FCM	FCP	FDO	FDP	FFM	FHC	FHO	FJA	FLD	FLG	FLP	FMA	FMN	FMS	FNB	FNC	FND	FNE	FNF	FOS	FOL	FSC	FSF	FSL	FSP	FST	FSV	FTI	FXP	TOTAL						
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1111	15	26	129	154	267	339	131	43	7	43	131	339	267	154	129	26	15	1111																				

ENLISTED PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

	2-LTR	A-B	AMN	A1C	SGT	SSG	TSG	MSG	SMS	CMS	TOTAL
SM-ALC											
HAA	0	0	1	2	3	2	7	2	2	2	18
HCC	0	0	1	3	2	0	3	1	1	0	10
HCE	3	7	32	59	59	28	18	5	1	1	212
HCF	0	0	0	2	6	2	1	0	0	0	11
HDO	0	0	0	0	2	1	0	0	0	0	3
HDP	0	0	0	7	8	7	11	6	1	0	40
HFM	0	0	8	7	8	7	11	6	1	0	28
HHC	0	0	1	1	1	1	0	0	0	0	3
HHD	0	0	0	0	1	0	0	0	0	0	1
HJA	0	0	0	2	1	2	1	0	0	0	6
HLA	1	0	1	8	16	7	7	3	0	0	40
HLG	0	6	2	14	18	6	3	1	1	0	50
HLH	0	0	0	0	0	1	5	0	0	0	6
HLI	0	0	0	3	4	6	7	0	0	0	20
HLK	0	7	0	8	2	2	3	1	1	0	23
HLX	0	0	0	0	0	0	0	1	1	0	2
HMA	0	0	0	55	53	34	29	6	0	0	177
HNA	0	4	7	17	5	3	2	0	0	0	2
HNB	1	7	12	22	25	16	5	1	0	0	37
HNC	0	4	1	9	7	5	4	1	1	0	88
HND	0	0	20	22	20	8	7	0	0	0	30
HNE	1	3	13	27	26	11	10	1	1	1	78
HNF	0	0	6	15	12	1	1	1	2	2	94
HOS	0	1	1	17	13	1	3	0	0	0	37
HPA	0	0	0	0	1	0	4	2	0	0	47
HPK	0	0	0	0	0	0	0	0	0	0	1
HQL	0	0	0	7	25	14	8	0	0	0	1
HSC	0	23	48	83	95	43	17	2	1	1	58
HSL	0	0	0	0	0	43	17	4	3	3	318
HSP	2	27	24	48	25	10	1	0	0	0	2
HSS	0	0	0	0	0	10	5	3	3	0	144
HST	0	0	0	0	0	1	0	0	0	0	1
HSV	0	1	3	15	14	5	3	0	0	2	39
HTI	0	0	0	0	0	0	1	0	0	1	2
HXP	0	0	0	2	0	1	1	0	0	0	4
TOTAL	8	91	187	464	449	237	171	32	13	1652	

PREPARED 30 MAR 95

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ENLISTED PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

2-LTR	A-8	AMN	A1C	SGT	SSG	TSG	MSG	SMS	CMS	TOTAL
JAA	0	0	0	1	3	2	3	1	2	12
JCC	1	0	1	2	3	2	5	0	0	14
JCE	2	17	37	83	69	47	21	5	3	284
JCM	0	0	0	1	0	0	0	0	0	2
JDO	0	0	0	0	2	2	0	0	1	2
JDP	0	1	5	6	10	3	5	1	1	12
JEM	0	0	0	0	2	2	6	1	1	40
JFK	0	0	0	0	2	0	0	0	0	2
JFM	0	3	5	4	8	0	0	0	0	1
JHC	0	0	1	1	1	4	1	0	0	25
JHO	0	0	0	0	0	0	0	0	0	3
JJA	0	0	0	2	1	0	0	0	0	1
JJB	0	0	0	1	1	0	2	0	0	5
JLF	0	0	0	0	0	1	0	0	0	3
JLG	1	1	2	6	18	11	8	2	2	47
JLJ	0	0	0	0	1	0	0	0	1	2
JLN	0	0	0	1	2	0	3	1	0	8
JLV	0	0	0	0	0	0	0	0	0	3
JLY	0	0	0	2	6	8	4	1	1	22
JMA	0	0	0	24	43	19	11	1	0	98
JNA	0	1	1	10	2	0	0	1	0	3
JNB	0	1	3	13	20	7	4	1	0	18
JNC	0	0	1	7	20	7	4	1	0	49
JND	0	1	9	11	8	7	1	0	0	21
JNE	0	2	7	11	8	7	3	0	0	39
JNF	0	3	3	8	17	13	4	2	0	58
JOS	0	1	2	20	15	8	3	1	0	29
JOL	0	0	0	0	1	0	4	1	0	51
JRS	0	0	0	1	0	0	1	0	0	2
JSC	0	7	14	33	34	17	8	2	0	115
JSL	0	0	0	0	1	1	2	0	0	4
JSP	4	18	45	72	35	24	8	3	1	211
JST	0	0	0	11	28	11	2	1	0	54
JSV	0	0	0	3	5	3	0	0	0	11
JTI	0	0	1	0	1	4	3	0	3	12
JXP	0	0	0	0	2	1	1	0	0	4
TOTAL	8	56	137	334	360	216	115	28	16	1270

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P.008

MAR-30-1995 15:38

TSGT BUCMAN, DPXD, 7-4923

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PREPARED 30 MAR 95

2-LTR	A-B	AMN	A1C	SGT	SSG	TSG	MSG	SMS	CMS	TOTAL
OTHERS	3SV	0	0	1	0	0	0	0	0	1
	CCO	1	0	1	0	0	0	0	0	3
	CEO	0	0	0	1	0	0	0	0	1
	KMS	0	0	0	0	0	0	0	0	1
	LGL	0	0	0	0	0	0	0	0	1
	LGM	0	0	0	0	0	0	0	0	1
	LGX	0	0	0	0	1	0	0	0	2
	LPP	0	0	0	0	0	0	0	0	1
	LST	0	0	0	0	0	4	0	0	8
	MN	2	0	0	0	0	0	0	0	2
	MTM	0	0	0	1	0	0	0	0	1
	SCM	0	0	0	0	0	0	0	0	1
	SPO	0	0	0	3	0	0	0	0	4
	SRS	0	0	0	0	0	0	0	0	1
	THT	0	0	0	0	0	1	0	0	1
	VLG	0	0	0	0	0	0	0	0	1
	VXK	0	0	0	0	0	0	0	0	1
	YYY	2	1	0	2	0	0	0	0	6
	ZZZ	6	4	4	0	1	0	0	0	16
TOTAL		11	5	5	8	9	7	1	2	53
	GRAND TOTAL BY GRADE									
	A-B	AMN	A1C	SGT	SSG	TSG	MSG	SMS	CMS	TOTAL
	57	354	919	2066	1872	1056	725	126	69	7244

ENLISTED PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

P.08

PERSONNEL ASSIGNMENT FILTER PERSON OH

OFFICER- PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

	2-LTR	2LT	1LT	CPT	MAJ	LTC	COL	B-G	M-G	LTG	GEN	TOTAL
OC-ALC	DAA	1	0	1	1	3	1	0	1	0	0	8
	DCC	1	1	3	0	1	0	0	0	0	0	6
	DCE	3	2	5	1	0	1	0	0	0	0	12
	DCI	0	1	1	3	0	0	0	0	0	0	5
	DDO	0	0	11	3	2	0	0	0	0	0	16
	DDP	2	1	2	1	1	1	0	0	0	0	8
	DEM	0	0	2	2	0	0	0	0	0	0	4
	DFM	0	0	4	0	0	0	0	0	0	0	4
	DHC	0	0	4	1	2	0	0	0	0	0	7
	DIG	0	0	1	0	1	0	0	0	0	0	2
	DJA	0	0	5	3	0	1	0	0	0	0	9
	DLA	4	7	33	9	13	7	0	0	0	0	73
	DLG	0	0	0	1	0	0	0	0	0	0	1
	DLI	1	0	4	1	0	2	0	0	0	0	8
	DLP	3	0	6	3	1	3	0	0	0	0	16
	DMA	1	0	1	0	0	0	0	0	0	0	2
	DMO	0	1	0	0	0	0	0	0	0	0	1
	DNA	2	6	12	2	0	0	0	0	0	0	22
	DNB	2	0	27	17	2	1	0	0	0	0	49
	DNC	0	0	4	3	4	1	0	0	0	0	12
	DND	0	2	13	8	0	0	0	0	0	0	23
	DNE	1	3	5	2	3	2	0	0	0	0	16
	DNF	2	0	5	2	1	0	0	0	0	0	10
	DOS	2	2	1	0	1	0	0	0	0	0	6
	DPK	5	0	8	1	0	1	0	0	0	0	15
	DSC	0	0	0	0	1	0	0	0	0	0	1
	DSE	0	0	0	1	1	0	0	0	0	0	2
	DSL	0	0	0	1	0	0	0	0	0	0	1
	DSP	1	0	0	1	1	0	0	0	0	0	3
	DSV	0	0	0	1	0	0	0	0	0	0	1
	DTI	3	2	4	1	4	2	0	0	0	0	16
TOTAL		34	28	162	69	42	23	0	1	0	0	359
CHARACTER 1 REPRESENTS THE SUB-COMMAND CODE: DISREGARD												
CHARACTERS 2 AND 3 REPRESENT THE 2 LETTER OFFICE SYMBOL												

OFFICER-PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 84

	2-LTR	2LT	1LT	CPT	MAJ	LTC	COL	B-G	M-G	LTG	GEN	TOTAL
OO-ALC	1	0	1	1	0	4	2	0	1	0	0	9
EAA	0	2	1	1	1	0	1	0	0	0	0	5
ECC	0	4	2	2	5	1	1	0	0	0	0	13
ECP	1	1	1	1	1	1	0	0	0	0	0	9
EDP	2	1	1	1	1	0	1	0	0	0	0	6
EEM	0	0	2	2	0	0	0	0	0	0	0	2
EFM	0	0	0	6	3	0	1	0	0	0	0	10
EHC	0	0	0	3	1	1	0	0	0	0	0	5
EIG	0	0	0	0	1	1	0	0	0	0	0	1
EJA	0	0	2	2	1	1	1	0	0	0	0	1
EIA	4	1	1	20	8	4	4	0	0	0	0	5
ELG	0	0	0	8	1	1	0	0	0	0	0	41
ELI	9	5	21	5	9	3	0	0	0	0	0	10
ELM	1	1	17	7	7	2	0	0	0	0	0	52
EM	0	0	0	0	1	0	0	0	0	0	0	35
EMA	0	0	2	2	0	0	0	0	0	0	0	1
EMO	0	0	0	0	1	0	0	0	0	0	0	4
ENA	3	3	10	4	0	0	0	0	0	0	0	1
ENB	1	1	15	10	8	2	2	0	0	0	0	20
ENC	0	0	3	2	1	2	2	0	0	0	0	37
END	1	2	5	6	1	2	2	0	0	0	0	8
ENE	0	2	6	1	2	0	0	0	0	0	0	14
ENF	0	0	6	1	2	1	1	0	0	0	0	12
EOS	1	0	3	1	1	0	0	0	0	0	0	9
EPA	0	0	0	0	0	1	1	0	0	0	0	6
EPK	3	0	10	5	1	1	1	0	0	0	0	20
EQL	0	0	1	2	0	1	1	0	0	0	0	4
ESC	0	0	0	1	1	0	0	0	0	0	0	2
ESE	0	0	0	0	0	0	0	0	0	0	0	1
ESL	0	0	0	1	0	0	0	0	0	0	0	1
ESP	0	0	0	1	0	0	0	0	0	0	0	1
ESU	0	0	0	1	0	0	0	0	0	0	0	2
ESV	0	0	1	1	0	0	0	0	0	0	0	2
ETI	1	1	6	4	2	2	0	0	0	0	0	16
EXP	1	1	0	0	0	0	0	0	0	0	0	1
TOTAL	33	22	164	72	50	24	0	1	0	0	0	366

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OFFICER- PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 84

SA-ALC	2-LTR	2LT	1LT	CPT	MAJ	LTC	COL	B-G	M-G	LTG	GEN	TOTAL
FAA	2	0	2	0	0	4	1	0	1	0	0	10
FCA	0	0	0	1	1	0	0	0	0	0	0	2
FCE	2	1	1	1	1	0	0	0	0	0	0	5
FDO	0	1	1	6	3	0	0	0	0	0	0	10
FDP	1	2	1	0	0	2	0	0	0	0	0	6
FEM	0	1	1	3	0	0	0	0	0	0	0	5
FEM	1	0	0	2	0	1	0	0	0	0	0	4
FHC	0	0	0	2	2	1	0	0	0	0	0	5
FJA	0	0	2	2	1	1	0	0	0	0	0	5
FLA	7	10	27	11	1	3	0	0	0	0	0	59
FLD	3	6	15	2	2	4	0	0	0	0	0	32
FLG	0	0	2	0	2	2	0	0	0	0	0	4
FLP	2	3	12	2	1	4	0	0	0	0	0	24
FLR	0	0	0	1	1	0	0	0	0	0	0	1
FMA	0	0	1	0	0	0	0	0	0	0	0	1
FMN	0	0	2	1	0	0	0	0	0	0	0	3
FMO	0	0	0	0	1	0	0	0	0	0	0	1
FMS	1	0	1	0	0	0	0	0	0	0	0	2
FNB	0	0	5	4	4	3	0	0	0	0	0	16
FNC	0	0	0	5	2	1	0	0	0	0	0	8
FND	0	0	1	0	0	0	0	0	0	0	0	1
FNE	0	2	1	1	1	1	0	0	0	0	0	6
FNF	0	1	6	3	2	2	0	0	0	0	0	14
FNW	0	1	11	3	2	2	0	0	0	0	0	19
FOS	0	1	0	0	0	0	0	0	0	0	0	1
FPA	1	0	0	1	0	0	0	0	0	0	0	2
FPK	1	0	0	1	0	0	0	0	0	0	0	2
FSC	0	0	2	2	5	1	0	0	0	0	0	12
FSE	0	0	1	0	0	0	0	0	0	0	0	6
FSE	0	0	1	0	0	0	0	0	0	0	0	2
FSL	0	0	0	0	1	0	0	0	0	0	0	7
FSP	0	0	1	0	0	0	0	0	0	0	0	1
FSV	0	1	0	1	0	0	0	0	0	0	0	2
FTI	6	2	2	0	0	1	0	0	0	0	0	11
FXP	1	0	1	0	0	0	0	0	0	0	0	2
TOTAL	28	33	121	53	28	27	0	1	0	0	0	291

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	2-LTR	2LT	1LT	CPT	MAJ	LTC	COL	B-G	M-G	LTG	GEN	TOTAL
SM-ALC												
HAA		1	0	0	2	5	3	0	1	0	0	12
HCC		0	0	1	0	0	2	0	0	0	0	3
HCE		2	2	5	1	1	0	0	0	0	0	11
HCP		0	0	0	1	0	0	0	0	0	0	1
HDP		3	0	0	1	1	1	0	0	0	0	5
HEM		0	0	1	1	1	0	0	0	0	0	3
HFM		0	0	3	0	0	2	0	0	0	0	5
HHC		0	0	1	1	1	0	0	0	0	0	3
HIG		0	0	0	0	1	0	0	0	0	0	1
HJA		0	1	5	2	1	1	0	0	0	0	10
HLA		8	8	18	10	7	3	0	0	0	0	52
HLG		0	0	0	0	1	0	0	0	0	0	1
HLH		2	3	18	7	5	2	0	0	0	0	37
HLI		0	0	5	2	1	2	0	0	0	0	10
HLK		2	3	2	0	0	0	0	0	0	0	7
HLX		0	0	4	1	1	0	0	0	0	0	6
HMA		1	1	1	0	0	0	0	0	0	0	3
HMO		0	0	0	0	1	0	0	0	0	0	1
HNA		2	6	8	3	0	0	0	0	0	0	19
HNB		9	7	25	16	7	4	0	0	0	0	68
HNC		0	0	1	1	4	2	0	0	0	0	8
HND		2	2	7	5	3	1	0	0	0	0	20
HNE		0	3	7	3	2	3	0	0	0	0	18
HNF		0	3	7	2	1	1	0	0	0	0	14
HOS		0	0	1	1	0	0	0	0	0	0	2
HPA		0	0	0	1	0	0	0	0	0	0	1
HPK		3	0	8	1	2	1	0	0	0	0	16
HQI		0	0	0	0	1	1	0	0	0	0	1
HOL		2	0	19	5	1	2	0	0	0	0	29
HSC		1	0	3	1	0	0	0	0	0	0	5
HSE		0	0	1	1	1	0	0	0	0	0	3
HSL		0	0	0	1	0	0	0	0	0	0	1
HSP		0	1	1	0	0	0	0	0	0	0	2
HSV		0	1	0	1	0	0	0	0	0	0	2
HTI		0	2	4	3	1	1	0	0	0	0	11
TOTAL		36	43	157	74	48	32	0	1	0	0	391

OFFICER- PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 94

	2-LTR	2LT	1LT	CPT	MAJ	LTC	COL	B-G	M-G	LTG	GEN	TOTAL
WR-ALC	JAA	0	0	2	0	3	1	0	1	0	0	7
	JCC	0	0	1	0	1	1	0	0	0	0	3
	JCE	4	2	7	1	0	1	0	0	0	0	15
	JDO	0	0	8	1	0	0	0	0	0	0	9
	JDP	2	1	1	1	0	1	0	0	0	0	6
	JEM	0	0	1	1	0	1	0	0	0	0	3
	JFM	1	0	4	2	0	0	0	0	0	0	7
	JHC	0	0	2	1	1	0	0	0	0	0	4
	JIG	0	0	0	0	2	0	0	0	0	0	2
	JJA	0	1	2	0	2	1	0	0	0	0	6
	JLB	0	3	12	3	3	3	0	0	0	0	24
	JLF	0	1	10	6	4	3	0	0	0	0	24
	JLG	0	0	1	2	0	1	0	0	0	0	4
	JLJ	1	1	8	3	1	2	0	0	0	0	16
	JLK	3	0	4	3	2	2	0	0	0	0	14
	JLN	3	1	12	3	0	1	0	0	0	0	20
	JLU	0	1	4	1	2	1	0	0	0	0	9
	JLV	1	2	6	3	3	2	0	0	0	0	17
	JLY	1	0	8	2	0	2	0	0	0	0	13
	JMA	0	0	1	0	0	0	0	0	0	0	1
	JMO	0	0	0	0	1	0	0	0	0	0	1
	JMS	2	0	0	1	0	0	0	0	0	0	3
	JNA	4	7	11	2	0	0	0	0	0	0	24
	JNB	1	3	22	12	6	2	0	0	0	0	48
	JNC	0	0	2	2	4	1	0	0	0	0	9
	JND	0	0	5	3	1	0	0	0	0	0	9
	JNE	0	4	5	1	1	3	0	0	0	0	14
	JNF	1	2	3	2	2	0	0	0	0	0	10
	JOS	0	2	0	0	2	0	0	0	0	0	4
	JPA	0	0	0	2	0	0	0	0	0	0	2
	JPK	2	0	8	1	2	2	0	0	0	0	15
	JQL	0	0	0	0	1	0	0	0	0	0	1
	JSC	1	2	2	0	1	0	0	0	0	0	6
	JSE	0	0	1	0	1	0	0	0	0	0	2
	JSL	0	0	0	1	0	0	0	0	0	0	1
	JSP	1	1	1	0	0	0	0	0	0	0	3
	JSV	0	2	1	0	0	0	0	0	0	0	3
	JTI	2	0	4	2	3	1	0	0	0	0	12
	JTQ	0	0	0	0	0	1	0	0	0	0	1
TOTAL		30	38	159	62	49	33	0	1	0	0	370

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PREPARED 30 MAR 95

2-TR	ZLT	1LT	CPT	MAJ	LTC	COL	B-G	M-G	LTG	GEN	TOTAL
OTHER	LH	0	0	0	1	0	0	0	0	0	1
	ZZZ	26	2	12	8	9	6	0	0	0	64
TOTAL		26	2	12	9	10	6	0	0	0	65
	ZLT	187									
	1LT	164	775	339	227	145	0	5	0	0	1842
	GRAND TOTAL										
	MAJ										
	LTC										
	COL										
	B-G										
	M-G										
	LTG										
	GEN										
	TOTAL										

OFFICER- PERSONNEL ASSIGNED TO ALC'S ONLY AS OF: 31 AUG 84

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080-07b

Provide total square footage to be mothballed by depot, by ALC, by installation.

Answer (Uncertified Data): The attached chart depicts the total square footage to be mothballed by installation. AFMC is in the process of breaking the information down into the depot/ALC categories as requested. Since there are many cases where ALC and DBOF organizations occupy the same buildings, this request requires us to analyze each facility, office by office to obtain the proper breakdown. This information will be forwarded as soon as the breakdown is complete.

080-07c

Provide total square footage to be demolished by depot, by ALC, by installation.

Answer (Uncertified Data): The attached chart depicts the total square footage to be demolished by installation. AFMC is in the process of breaking the information down into the depot/ALC categories as requested. Since there are many cases where ALC and DBOF organizations occupy the same buildings, this request requires us to analyze each facility, office by office to obtain the proper breakdown. This information will be forwarded as soon as the breakdown is complete.

A/C SQUARE FOOTAGE

Sub-total	1406	\$	11,534
TRC	204	\$	4,590
Demolition	247	\$	5,750
Mothball	955	\$	1,194
Sq Feet	(000)	Cost	(\$000)

Hill (Prior to Adjustments)

Sub-total	1274	\$	9,713
TRC	181	\$	4,080
Demolition	226	\$	4,533
Mothball	867	\$	1,100
Sq Feet	(000)	Cost	(\$000)

Kelly (Prior to Adjustments)

Sub-total	1624	\$	25,720
TRC	834	\$	18,770
Demolition	231	\$	6,250
Mothball	559	\$	700
Sq Feet	(000)	Cost	(\$000)

McClellan (Prior to Adjustments)

Sub-total	1097	\$	11,990
TRC	386	\$	8,690
Demolition	96	\$	2,600
Mothball	615	\$	700
Sq Feet	(000)	Cost	(\$000)

Robins (Prior to Adjustments)

Sub-total	1363	\$	15,670
TRC	357	\$	8,040
Demolition	304	\$	6,730
Mothball	702	\$	900
Sq Feet	(000)	Cost	(\$000)

Tinker (Prior to Adjustments)

Sub-total	6764	\$	74,627
TRC	1962	\$	44,170
Demolition	1104	\$	25,863
Mothball	3698	\$	4,594
Sq Feet	(000)	Cost	(\$000)

Summary (Prior to Adjustments)

CA  
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DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE



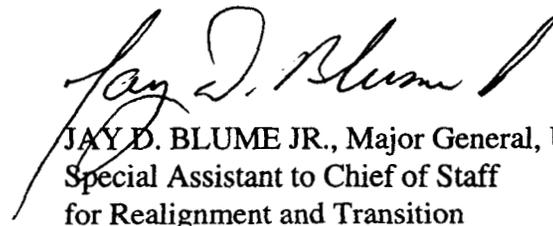
11 APR 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

SUBJECT: USAF BRAC 95 Depot Information RT#247 Additional Info

In response to your request for depot information via questions to AF/LGM in 16 Mar 95 and your fax to RTR on 18 Mar the attached reply is forwarded. Please call if you have any questions. POC Lt Col Eckhardt, 703-695-4578.

  
JAY D. BLUME JR., Major General, USAF  
Special Assistant to Chief of Staff  
for Realignment and Transition

Attached Questions and Answers

078-05B  
078-05D  
079-10  
080-01C  
080-01C  
080-07A  
080-07B  
080-07C  
080-07E  
080-07F  
080-07G

**078-05b** What is the basis of support for \$24 million in demolition costs

**078-05d** What is the basis for the \$44 million cost for renovation of shop space?

**079-10** Provide support data on 6.8 million square feet of space to be effected by downsizing.

**080-01c** Provide list of buildings and square footage to be disposed of or mothballed or used by others (indicate category)

**080-07a** Provide total square footage by depot in years 1991, 1993, and 1995

**080-07b** Provide total square footage to be mothballed by depot, by ALC, by installation

**080-07c** Provide total square footage to be demolished by depot, by ALC, by installation

**080-07e** Provide remaining useable square footage by depot, by ALC, by installation after implementation.

**080-07f** Identify funding currently programmed to be mothballed and demolished by depot, by ALC, by installation.

**080-07g** Identify funding currently programmed to be mothballed and demolished by depot, by ALC, by installation.

**Question 078-05b:**

Demolition cost of \$22.00/SF (includes asbestos removal and disposal) provided by HQ USAF/CEP for use in figuring the cost of demolition for COBRA runs.

$$1.101\text{MSF} \times \$22/\text{SF} = \$24.2\text{M}$$

**Question 078-05d:**

Figure based on a estimate that 75% of the 1.962 million square feet of shop space to be renovated could be accomplished at a cost of \$10.00/SF for shop rearrangement while the remaining 25% would need more extensive work at \$60.00/SF (approximently 60% of new construction for depot space).

$$1.962\text{MSF} \times .75 = 1.47\text{MSF} \times \$10/\text{SF} = \$14.7\text{M}$$

$$1.962\text{MSF} \times .25 = .49\text{MSF} \times \$60/\text{SF} = \underline{\$29.4\text{M}}$$

$$\$44.1\text{M}$$

**Question 079-10:**

Spreadsheet reflecting the 6.5 million square feet of downsizing is attached. The number was validated by site surveys conducted by during the past three weeks.

## REVISED DEPOT DOWNSIZING

	OC	SA	OO	WR	SM	TOTAL
TRC	304	425	265	149	184	1,327
CORE CAPACITY	75	31	235	0	528	869
DEMO	666	499	553	225	302	2,245
DLA	40	505	174	45	179	943
OTHERS	45	232	0	152	315	744
BANK	119	8	47	122	73	369
TOTAL	1,249	1,700	1,274	693	1,581	6,497

**Question 080-01c:**

Attached is a spreadsheet for each of the five Air Logistic Centers reflecting demolition, mothballing and use by others.

**REVISED**  
**ALC DOWNSIZING**  
**SM-ALC**  
**BUILDING SUMMARY**

TRC			TO CORE CAPACITY			DEMO			DLA			USE FOR OTHERS				BANKED		
BLDG#	SF	COMMENT	BLDG#	SF	COMMENT	BLDG #	SF	COMMENT	BLDG #	SF	COMMENT	AGENCY	BLDG #	SF	COMMENT	BLDG #	SF	COMMENT
251	18,000	Avionics	360	73,094	DLA	431	52,301	7-Apr-95	441	9,072	Demo	129th	29	10,000	3-5 Apr 95	351	34,043	Bank
251	3,000	ATE Software	362	74,000	DLA	623	168,383	7-Apr-95	632	2,047	Demo		98	79,200	3-5 Apr 95	1027	12,073	Bank
640	4,000	Elect Mfg	365	41,460	DLA	253	180	7-Apr-95	633	2,047	Demo		362C	37,000	3-5 Apr 95	877	8,495	Bank
243D	18,000	Foundry	721	21,600	DLA	255	1,536	7-Apr-95	7600	14,796	Demo		444/5	9,562	3-5 Apr 95	T-869	2,400	Bank
243BC	34,000	Mach Mfg	722	21,600	DLA	259	1,200	7-Apr-95	7604	12,663	Demo		1010	3,356	3-5 Apr 95	876	861	Bank
243B	4,500	Sht Metal Mfg	772	53,160	DLA	606	1,440	7-Apr-95	458	14,527	Bank		1016	3,200	3-5 Apr 95	1038	12,073	Bank
243D	9,150	Sht Metal Rpr	765	3,600	DLA	607	1,440	7-Apr-95	360	0	(73,094/Core/Bank)		1017	4,800	3-5 Apr 95	364	960	Bank
243DEF	23,000	Composites	767	4320	DLA	608	1,440	7-Apr-95	362	0	(74,000/Core/Bank)		1019	3,200	3-5 Apr 95	768	92	Bank
242/475	9,000	Elec/Mech SE	378	2610	DLA	609	1,440	7-Apr-95	365	0	(41,460/Core/Bank)		1020	12,073	3-5 Apr 95	725	437	Bank
241	5,000	Hydraulics	723	1,806	DLA	639	1,440	7-Apr-95	721	0	(21,600/Core/Demo)		1021	12,073	3-5 Apr 95	726	800	Bank
Various	10,000	Mach Rpr	732	7,800	DLA	660	8,188	7-Apr-95	722	0	(21,600/Core/Demo)		1022	12,073	3-5 Apr 95	736	396	Bank
Various	9,000	Insp	733	12,600	DLA	695	384	7-Apr-95	772	0	(53,160/Core/Demo)		1025	1,832	3-5 Apr 95			
Various	13,000	Software OFF	734	15,800	DLA	726	800	7-Apr-95	765	0	(3,600/Core/Demo)		1026	2,560	3-5 Apr 95			
Various	1,000	Inj Mold	735	8,400	DLA			7-Apr-95	767	0	(4,320/Core/Demo)		1030	2,560	3-5 Apr 95			
Various	11,000	PSL	762	3,240	DLA	371	100	7-Apr-95	378	0	(2,610/Core/Demo)		1041	2,769	3-5 Apr 95			
Various	2,000	Harness/Cable	763	4,320	DLA	372	297	7-Apr-95	723	0	(1,808/Core/Demo)		1042	16,160	3-5 Apr 95			
Various	5,000	Hyd/Pnue	764	3,600	DLA	781	768	7-Apr-95	732	0	(7,800/Core/Demo)		1043	2,769	3-5 Apr 95			
362A	1,350	Tubing	475A-F	133,823	DLA	350	6,420	7-Apr-95	733	0	(12,600/Core/Demo)		1045	2,832	3-5 Apr 95			
243G	4,000	Plating	475	8,320	DLA	381	1440	7-Apr-95	734	0	(15,800/Core/Demo)		1046	6,883	3-5 Apr 95			
			652	32,624	DLA	382	720	7-Apr-95	735	0	(8,400/Core/Demo)		1048	28,659	3-5 Apr 95			
						458	14627	7-Apr-95	762	0	(3,240/Core/Demo)		1104	17,233	3-5 Apr 95			
						6661	1440	7-Apr-95	763	0	(4,320/Core/Demo)							
						6662	1440	7-Apr-95	764	0	(3,600/Core/Demo)							
						411	21,774	7-Apr-95	475A-F	0	(133,823/Core/Demo)	ANG Comm	684	40,448	Site Survey			
						355	3,461	7-Apr-95	475	0	(8,320/Core/Demo)		1029	900	3-5 Apr 95			
						6663	1,440	7-Apr-95	652	0	(32,624/Core/Bank)		1047	2,769	3-5 Apr 95			
						6664	1,440	7-Apr-95	251	3,388	Demo							
						6665	320	7-Apr-95	250M	4,500	Bank							
						412	5,333	7-Apr-95	250N	4,000	Bank							
						672	800	7-Apr-95	1871	56,000	Bank							
						674	400	7-Apr-95	250K	34,236	Bank							
									250L	21,600	Bank							
<b>TOTAL</b>	<b>184,000</b>		<b>TOTAL</b>	<b>527,777</b>		<b>TOTAL</b>	<b>302,392</b>		<b>TOTAL</b>	<b>178,876</b>		<b>TOTAL</b>	<b>314,911</b>			<b>TOTAL</b>	<b>72,630</b>	

REVISED  
ALC DOWNSIZING  
OO-ALC  
BUILDING SUMMARY

TRC			TO CORE CAPACITY			DEMO			DLA			USE FOR OTHERS			BANKED		
BLDG#	SF	COMMENT	BLDG#	SF	COMMENT	BLDG #	SF	COMMENT	BLDG #	SF	COMMENT	AGENCY BLDG # SF COMMENT	BLDG #	SF	COMMENT		
SMNP	13,000	Avionics	5P	22,000	(Bank)	228	4,148	Site Survey	810	6,000	7-Apr-95		1102	10,000	31 Mar 95 fax		
100PN	3,000	Software ATE	100F	2,500	(Bank)	272	38,792	Site Survey	830	86,000	7-Apr-95		252	4,820	31 Mar 95 fax		
238/257	41,000	Composites	225	6,000	(Bank)	1147	6,208	7-Apr-95	800	82,000	7-Apr-95		286	1,250	31 Mar 95 fax		
1915	2,000	Hydraulics	257	15,000	(Bank)	268	61,250	Site Survey					1379	1,550	31 Mar 95 fax		
100C/214	23,000	Instruments	510	3,342	(Bank)	222	10,248	Site Survey					1800	2,827	31 Mar 95 fax		
257	700	Inj Mold	1816	2,247	(Bank)	2143	152	Site Survey					16228	2,480	31 Mar 95 fax		
510/214	83,000	Mach Man	100L	3,900	(Bank)	2145	152	Site Survey					1627	2,491	31 Mar 95 fax		
265	5,000	Sht Metal Mfg	100K	21,000	(Bank)	2147	152	Site Survey					2214	1,200	31 Mar 95 fax		
Various	11,000	Mach Rpr	1218	8,000	(Bank)	2002	334	Site Survey					1387	2,286	31 Mar 95 fax		
Various	12,000	Insp	1917	4,000	(Bank)	745	2,880	Site Survey					2114	1,563	31 Mar 95 fax		
Various	8,000	Software OFP	100J	7,000	(Bank)	747	80	Site Survey					1254	6,000	31 Mar 95 fax		
1208	7,000	Harness Cable	2014	9,171	(Bank)	1532	10,920	7-Apr-95					2015	857	31 Mar 95 fax		
507	3000	Foundry	2201	2,514	(Bank)	1564	4,549	Site Survey					849	6,158	31 Mar 95 fax		
238	66000	2 level engines	2204	2,400	(Bank)	1568	4,549	Site Survey					245	4,000	31 Mar 95 fax		
238	7,000	Sht Metal Rpr	2211	4,104	(Bank)	805	16,862	Site Survey					5P	0	(22000, Core)		
			2212	4,104	(Bank)	808	240	Site Survey					100F	0	(2500, Core)		
			2213	3,500	(Bank)	267	15,104	Site Survey					225	0	(8000, Core)		
			2408	6,997	(Bank)	2202	4,329	Site Survey					257	0	(15000, Core)		
			2409	6,997	(Bank)	2127	127	Site Survey					510	0	(3342, Core)		
			30023	6,006	(Bank)	2222	127	Site Survey					1818	0	(2247, Core)		
			30210	7,836	(Bank)	2115	2,088	Site Survey					100L	0	(3900, Core)		
			30220	7,836	(Bank)	936	3,024	Site Survey					100K	0	(21000, Core)		
			30250	7,836	(Bank)	1556	4,828	Site Survey					1216	0	(8000, Core)		
			100M	11,500	(Bank)	247	2,146	Site Survey					1917	0	(4000, Core)		
			1266	12,680	(Bank)	11	18,896	Site Survey					100J	0	(7000, Core)		
			1821	12,280	(Bank)	278	7,816	Site Survey					2014	0	(9171, Core)		
			1823	2,310	(Bank)	1146	7,184	7-Apr-95					2201	0	(2514, Core)		
			507	1,488	(Bank)								2204	0	(2400, Core)		
			5A	1,515	(Bank)								2211	0	(4104, Core)		
			214	5,098	(Bank)								2212	0	(4104, Core)		
			5L	22,000	(BANKED)								2213	0	(3500, Core)		
						Sub Total	228,068						2408	0	(8997, Core)		
						16	580	7-Apr-95					2409	0	(8997, Core)		
						22	98	7-Apr-95					30023	0	(8008, Core)		
						32	1,457	7-Apr-95					30210	0	(7836, Core)		
						789	407	7-Apr-95					30220	0	(7836, Core)		
						1140	1,400	7-Apr-95					30250	0	(7836, Core)		
						1312	1,348	7-Apr-95					100M	0	(11500, Core)		
						1544	6,781	7-Apr-95					1266	0	(12680, Core)		
						2001	152	7-Apr-95					1821	0	(12280, Core)		
						785	2,927	7-Apr-95					1823	0	(2310, Core)		
						786	2,832	7-Apr-95					507	0	(1488, Core)		
						1554	4,549	7-Apr-95					5A	0	(1515, Core)		
						1558	4,549	7-Apr-95					214	0	(5098, Core)		
						1560	4,549	7-Apr-95									
						1132	16,687	7-Apr-95									
						1136	1,340	7-Apr-95									
						1562	4,235	7-Apr-95									
						3303	2,545	7-Apr-95									
						405	1,568	7-Apr-95									
						589	3,600	7-Apr-95									
						273	43,544	7-Apr-95									
						840	217,432	7-Apr-95									
						2123	127	7-Apr-95									
						2124	284	7-Apr-95									
						179	1,750	7-Apr-95									
<b>TOTAL</b>	<b>264,700</b>		<b>TOTAL</b>	<b>234,557</b>		<b>TOTAL</b>	<b>652,785</b>		<b>TOTAL</b>	<b>#####</b>		<b>TOTAL</b>	<b>0</b>	<b>TOTAL</b>	<b>47,183</b>		

GRAND TOTAL 1,273,225

REVISED  
ALC DOWNSIZING  
SA-ALC  
BUILDING SUMMARY

TRC		TO CORE CAPACITY		DEMO		DLA		USE FOR OTHERS		BANKED		
BLDG#	SF	BLDG#	SF	BLDG#	SF	BLDG#	SF	AGENCY	BLDG#	SF	BLDG#	SF
	COMMENT		COMMENT		COMMENT		COMMENT		COMMENT		COMMENT	
347	3,000 Hydraulics	305	30,819 (Demo)	183	17,824	1330	60,000	DNA	1582	151,727	811	3,012
329	5,000 ElecMech SE			164	5,696	3780	22,818	AFM/AFSA	169	80,000	3505	1,660
375	3,150 SH Metal Rpr			337	640	1558	40,000				804	3296
375	3,000 Compos			368	113,107	3828	180,530					
303	3,000 SH/Metal Mig			372	719	345347/348	0 (135,000/TRC/Bank)					
375	6,000 Mach Mig			1588	20,000	1594	50,000					
178	1,000 Tubing			59	2,585	170	60,801					
178	0 Software ATE			207	10,807	172	91,122					
345347/348	135,000 Eng Related			340	42,885							
301	19,000 Plating			343	1,533							
Various	9,000 Cleaning			305	0							
Various	35,000 Mach Rpr			522	37,413							
Various	28,000 Insp			1500	27,148							
Various	0 Software OFP			1560	167,307							
Various	7,000 PSC											
Various	800 Harness											
Sub Total	261,950			Sub Total	447,284							
Other Downsizing				143	8,138							
301/320/324/	22,793 Mach Shops			144	7,059							
329/348/178/1420	8,404 Component Paint			180	13,275							
329/308/655	13,728 Chem Clean			259	4,000							
329/3248	2,986 Welding			2093	1,817							
Sub Total	47,911			52	2,831							
				208	9,239							
				883	3,705							
				973	1,703							
				Sub Total	51,767							
Compression												
328	4,971 Vacant											
329	82,000 Compress to B331/B345											
306	15,000 Vacant											
650	13,245 Vacant											
Sub Total	115,216											
TOTAL	425,077	TOTAL	30,819	TOTAL	499,031	TOTAL	505,271	TOTAL	231,727	TOTAL	7,988	
<b>GRAND TOTAL 1,699,913</b>												

REVISED  
 ALC DOWNSIZING  
 OC-ALC  
 BUILDING SUMMARY

BLDG#	TRC SF	COMMENT
2303707	87,000	Inst
2303707	6,000	Software ATE
3001/2143234	3,000	IP/E
2211	11,000	Composites
2121	1,500	Sheet Metal
3001	3,000	Plating
230	32,000	Cab/Har(DLA)
<b>Sub Total</b>	<b>143,500</b>	
<b>Other Downsizing</b>		
3001	63,000	Mach Repair
3001	6,000	PSC
3001	3,000	Harness Cable
3001	88,000	Eng Related
<b>Sub Total</b>	<b>160,000</b>	
<b>TOTAL</b>	<b>303,500</b>	

BLDG#	TO CORE CAPACITY SF	COMMENT
3108	75,000	(DLA)
<b>TOTAL</b>	<b>75,000</b>	

BLDG #	DEMO SF	COMMENT
3726	8,040	Site Survey
3728	8,040	Site Survey
3765	9,360	Site Survey
3770	11,508	Site Survey
3783	2,400	Site Survey
1005	1,584	Site Survey
1007	1,584	Site Survey
207	59,840	Site Survey
2105	2,618	Site Survey
2124	3,600	Site Survey
B1-83 Dock	10,700	Site Survey
<b>Sub Total</b>	<b>119,272</b>	
236	273	7-Apr-95
239	786	7-Apr-95
1071	6,840	7-Apr-95
1072	4,600	7-Apr-95
101	123,295	7-Apr-95
203	25,837	7-Apr-95
414	15,728	7-Apr-95
1040	240	7-Apr-95
224	40,821	7-Apr-95
1013	417	7-Apr-95
1014	7,500	7-Apr-95
1016	3,718	7-Apr-95
3786	5,600	7-Apr-95
1100 Series	243000	7-Apr-95
3771	19,000	7-Apr-95
3773	19,000	7-Apr-95
3772	30,000	7-Apr-95
<b>TOTAL</b>	<b>655,727</b>	

BLDG #	DLA SF	COMMENT
3108	0	(75,000/Cost/Bank)
230	0	(32,000/TRC/Bank)
285	14,000	7 Apr 95 Demo
2129	26,000	7 Apr 95 Demo
<b>TOTAL</b>	<b>40,000</b>	

AGENCY BLDG #	USE FOR OTHERS SF	COMMENT
485th EIG	3333	45,000 Site Survey
<b>TOTAL</b>	<b>45,000</b>	

BLDG #	BANKED SF	COMMENT
1055	1,200	7Apr 95
1100	5,100	7Apr 95
3705	24,018	7Apr 95
3001	1,600	7Apr 95
416	5,800	7Apr 95
3001	4,418	7Apr 95
2210	924	7Apr 95
201	11,800	7Apr 95
3001	64,000	7Apr 95
<b>TOTAL</b>	<b>118,660</b>	

**GRAND TOTAL 1,248,087**

REVISED  
ALC DOWNSIZING  
WR-ALC  
BUILDING SUMMARY

TRC			TO CORE CAPACITY			DEMO			DLA			USE FOR OTHERS				BANKED		
BLDG#	SF	COMMENT	BLDG#	SF	COMMENT	BLDG #	SF	COMMENT	BLDG #	SF	COMMENT	AGENCY	BLDG #	SF	COMMENT	BLDG #	SF	COMMENT
140	1,100	Hydraulics				310	67,716	Site Survey	301	45,000	Bank	B-1B(SHOP)	645	19,000	Site Survey	361	3,880	Site Survey
140	1,600	Foundry										B-1B(SHOP)	181	10,825	7-Apr-95	300	62,960	7-Apr-95
140	-8,000	Mach Mfg										B-1B(SHOP)	148	2,911	Site Survey	301	20,640	7-Apr-95
169	12,000	Comp				Sub Total	67,716					B-1B(ADMIN)	650	10,737	Site Survey	215	4,800	7-Apr-95
169/603/137	6,000	Sht Metl Rpr										B-1B(ADMIN)	652	11,700	Site Survey	376	3,600	7-Apr-95
605	3,000	Comp				605	0	(3,300/TRC)				B-1B(ADMIN)	65	800	Site Survey	660	2,541	7-Apr-95
640	19,300	PWB				975	2,700	7-Apr-95				B-1B(ADMIN)	282	30,883	Site Survey	111	1,000	7-Apr-95
140	3,500	Sht Mtl Mfg				176	387	7-Apr-95				B-1B(ADMIN)	327	12,000	Site Survey	181	0	(24,187/TRC)
670	9,000	Radomes				206	600	7-Apr-95				B-1B(ADMIN)	155	27,318	Site Survey	227/226/230	22,772	7-Apr-95
640/645	-15,000	Instr				287	1,400	7-Apr-95				B-1B(ADMIN)	56	10,439	Site Survey			
640/645	30,000	Avionics				268	968	7-Apr-95				B-1B(ADMIN)	48	5,700	Site Survey			
640/645	-8,000	Software				270	17,100	7-Apr-95				B-1B(ADMIN)	110	2,600	Site Survey			
640/645	55,000	Avionics				271	100	7-Apr-95				B-1B(ADMIN)	125	7,500	Site Survey			
181	13,000	NDI, Parachute Rpr				317	968	7-Apr-95										
181	24,187	Paint, T&D(Oth/Bank)				353	256	7-Apr-95										
						245	1,600	7-Apr-95										
						91M1	3,360	7-Apr-95										
						91M2	3,360	7-Apr-95										
						10241	10,800	7-Apr-95										
						2152	1,660	7-Apr-95										
						310	111,727	7-Apr-95										
<b>TOTAL</b>	<b>146,687</b>			<b>0</b>		<b>TOTAL</b>	<b>224,702</b>		<b>TOTAL</b>	<b>45,000</b>		<b>TOTAL</b>	<b>152,413</b>			<b>TOTAL</b>	<b>122,193</b>	

**GRAND TOTAL 692,995**

Question 080-07a:  
Spreadsheet attached reflecting size of depots in 1991, 1993 and 1995.

Response to Question 080-07d		1991		1993		1995	
OC-ALC		6.4	5.5	5.4			
OO-ALC		3.8	4.3	4.9			
SA-ALC		4	4.8	4.8			
SM-ALC		3.8	3.6	3.4			
WR-ALC		3.1	3.6	3.9			
Total		21.1	21.8	22.4			

FY91 & FY 93 data was obtained from the Depot Maintenance Annual Report  
 FY95 data was obtained from the Joint Cross Service Group Questionnaire 7.1

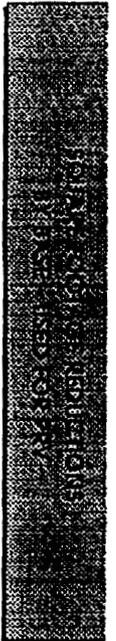
**Question 080-07b and c:**

The attached spreadsheets provide the total square footage by "industrial" and "other" categories that will be demolished or mothballed.



FY	89-94	95	96	97	98	99	00	01	TOTAL
<b>I. Industrial Facilities</b>									
<b>Demolished</b>									
Arnold		0	812	0	0	0	0	0	812
Brooks		15,366	770	0	0	0	0	0	16,136
Edwards		34,853	1,540	1,500	8,541	21,336	0	0	67,770
Eglin		25,553	6,171	4,578	0	4,000	0	0	40,302
Hanscom		17,054	3,944	1,872	0	1,944	0	0	24,814
Hill		96,872	10,508	65,709	1,750	35,167	14,062	23,080	247,148
Kelly		36,025	77,471	55,314	58,253	32,801	0	9,726	269,590
Kirtland		24,799	21,839	0	698	0	0	0	47,336
LosAngeles		15,060	0	10,800	0	3,932	0	0	29,792
McClellan		42,387	54,471	26,110	13,109	64,496	30,151	0	230,724
Robins		63,269	0	3,888	18,567	119,272	2,682	0	207,678
Tinker		0	13,145	121,128	0	29,914	139,683	0	303,870
Wright-Patt		7,387	2,580	20,280	45,078	0	0	0	75,325
<b>TOTAL</b>	<b>708,101</b>	<b>378,625</b>	<b>193,251</b>	<b>311,179</b>	<b>145,996</b>	<b>312,862</b>	<b>186,578</b>	<b>32,806</b>	<b>1,561,297</b>
<b>Banked</b>									
Arnold	0	0	0	0	0	0	0	0	0
Brooks	0	0	0	0	0	0	0	0	0
Edwards	91,760	55,440	17,300	374,970	73,300	0	8,000	4,000	533,010
Eglin	33,878	35,786	20,865	65,184	4,000	0	0	0	125,835
Hanscom	5,270	82,132	87,305	0	0	0	0	0	169,437
Hill	70,000	61,000	56,000	25,000	214,000	23,000	7,000	7,000	393,000
Kelly	197,533	23,339	22,158	85,900	13,815	0	0	0	145,212
Kirtland	128,120	0	0	0	0	0	0	0	0
LosAngeles	0	0	0	0	0	0	0	0	0
McClellan	249,000	46,000	118,000	0	0	0	0	0	164,000
Robins	33,000	0	0	0	0	0	0	0	0
Tinker	415,934	15,000	32,864	18,728	1,620	0	0	0	68,212
Wright-Patt	0	46,112	28,022	0	0	0	0	0	74,134
<b>TOTAL</b>	<b>1,224,495</b>	<b>364,809</b>	<b>382,514</b>	<b>569,782</b>	<b>306,735</b>	<b>23,000</b>	<b>15,000</b>	<b>11,000</b>	<b>1,672,840</b>

ATCH 2



2. Other	FY										TOTAL
	89-94	95	96	97	98	99	00	01			

Demolished											
Arnold	0	4,271	0	0	0	0	0	0	0	0	4,271
Brooks	34,658	20,039	14,274	34,777	0	0	0	0	0	0	103,748
Edwards	82,566	156,447	75,957	217,328	193,439	121,683	0	0	0	0	844,820
Eglin	69,506	28,318	958	8,981	42,015	24,624	24,624	0	0	0	199,026
Hanscom	29,491	113,737	0	0	64,765	0	0	0	0	0	207,993
Hill	354,148	121,800	42,370	0	464,205	0	22,500	0	0	0	1,005,023
Kelly	782,333	130,017	107,191	199,323	64,752	0	0	0	0	0	1,376,853
Kirtland	267,643	11,637	735	22,607	258,250	0	0	0	0	0	560,872
LosAngeles	1,179	0	560	0	40,853	0	0	0	0	0	42,592
McClellan	384,658	71,716	169,476	368,773	271,980	282,270	91,291	0	0	0	1,640,164
Robins	141,528	37,938	21,779	70,361	11,928	81,003	0	0	0	0	364,537
Tinker	0	94,005	0	0	74,146	691,371	67,632	0	0	0	927,154
Wright-Patt	88,841	93,991	152,930	162,559	111,297	3,394	49,128	0	0	0	662,140
<b>TOTAL</b>	<b>1,762,594</b>	<b>2,236,551</b>	<b>883,916</b>	<b>585,630</b>	<b>1,084,709</b>	<b>1,597,630</b>	<b>1,204,345</b>	<b>348,412</b>	<b>0</b>	<b>0</b>	<b>7,941,193</b>

Banked											
Arnold	0	0	0	0	0	0	0	0	0	0	0
Brooks	0	0	0	0	0	0	0	0	0	0	0
Edwards	5,010	116,530	0	95,560	18,090	0	0	0	0	0	230,180
Eglin	100,343	35,639	30,440	18,667	0	0	0	0	0	0	84,746
Hanscom	10,000	15,991	161,105	4,120	0	0	0	0	0	0	181,216
Hill	29,000	25,000	129,000	84,000	300	0	6,000	46,000	0	0	299,300
Kelly	964	0	4,976	0	0	0	0	0	0	0	4,976
Kirtland	0	0	0	0	0	0	0	0	0	0	0
LosAngeles	0	0	0	0	0	0	0	0	0	0	0
McClellan	129,000	115,000	53,000	0	0	0	0	0	0	0	168,000
Robins	0	10,000	0	0	0	0	0	0	0	0	10,000
Tinker	13,794	25,618	10,218	0	18,755	0	0	0	0	0	54,591
Wright-Patt	0	96,561	0	0	0	0	0	0	0	0	96,561
<b>TOTAL</b>	<b>288,111</b>	<b>440,339</b>	<b>388,739</b>	<b>202,347</b>	<b>37,145</b>	<b>0</b>	<b>6,000</b>	<b>46,000</b>	<b>0</b>	<b>0</b>	<b>1,120,570</b>

ARCH 2

**Question 080-07e:**

Information only available on total installation for calculating impact of the implementation of the revised downsizing plan.

	<u>Hill</u>	<u>Kelly</u>	<u>McClellan</u>	<u>Robins</u>	<u>Tinker</u>
Beginning SF	14,248	16,198	12,671	13,590	15,188
Less Downsizing	<u>1,273</u>	<u>1,700</u>	<u>1,581</u>	<u>693</u>	<u>1,248</u>
Remaining:	12,975	14,498	11,090	12,897	13,940

**Question 080-07f:**  
No specific funds programmed for demolition or mothballing. Funds are included in projects that construct new facilities for demolition of buildings in the way of construction.

**Question 080-07g:**  
See attached spreadsheet for listing of programmed mothballed  
and demolition space by installation.



FY	89-94	95	96	97	98	99	00	01	TOTAL
<b>1. Industrial Facilities</b>									
<b>Demolished</b>									
Arnold		0	812	0	0	0	0	0	812
Brooks	15,366		770	0	0	0	0	0	16,136
Edwards	34,853	1,540	1,500	8,541	21,336	0	0	0	67,770
Eglin	25,553	6,171	4,578	0	4,000	0	0	0	40,302
Hanscom	17,054	3,944	1,872	0	1,944	0	0	0	24,814
Hill	96,872	10,508	65,709	1,750	35,167	14,062	23,080		247,148
Kelly	36,025	77,471	55,314	58,253	32,801	0	9,726		269,590
Kirland	24,799	21,839	0	698	0	0	0	0	47,336
LosAngeles	15,060	0	10,800	0	3,932	0	0	0	29,792
McClellan	42,387	54,471	26,110	13,109	64,496	30,151	0	0	230,724
Robins	63,269	0	3,888	18,567	119,272	2,682	0	0	207,678
Tinker	0	13,145	121,128	0	29,914	139,683	0	0	303,870
Wright-Patt	7,387	2,580	20,280	45,078	0	0	0	0	75,325
<b>TOTAL</b>	<b>708,101</b>	<b>378,625</b>	<b>193,251</b>	<b>311,179</b>	<b>145,996</b>	<b>312,862</b>	<b>186,578</b>	<b>32,806</b>	<b>1,561,297</b>
<b>Banked</b>									
Arnold	0	0	0	0	0	0	0	0	0
Brooks	0	0	0	0	0	0	0	0	0
Edwards	91,760	55,440	17,300	374,970	73,300	0	8,000	4,000	533,010
Eglin	33,878	35,786	20,865	65,184	4,000	0	0	0	125,835
Hanscom	5,270	82,132	87,305	0	0	0	0	0	169,437
Hill	70,000	61,000	56,000	25,000	214,000	23,000	7,000	7,000	393,000
Kelly	197,533	23,339	22,158	85,900	13,815	0	0	0	145,212
Kirland	128,120	0	0	0	0	0	0	0	0
LosAngeles	0	0	0	0	0	0	0	0	0
McClellan	249,000	46,000	118,000	0	0	0	0	0	164,000
Robins	33,000	0	0	0	0	0	0	0	0
Tinker	415,934	15,000	32,864	18,728	1,620	0	0	0	68,212
Wright-Patt	0	46,112	28,022	0	0	0	0	0	74,134
<b>TOTAL</b>	<b>1,224,495</b>	<b>364,809</b>	<b>382,514</b>	<b>569,782</b>	<b>306,735</b>	<b>23,000</b>	<b>15,000</b>	<b>11,000</b>	<b>1,672,840</b>

ATCH 2



FY	89-94	95	96	97	98	99	00	01	TOTAL	
<b>2. Other</b>										
<b>Demolished</b>										
Arnold		0	4,271	0	0	0	0	0	4,271	
Brooks		34,658	20,039	14,274	34,777	0	0	0	103,748	
Edwards		82,566	156,447	75,357	217,328	193,439	121,683	0	846,820	
Eglin		69,506	28,318	958	8,981	42,015	24,624	24,624	199,026	
Hanscom		29,491	113,737	0	0	64,765	0	0	207,993	
Hill		354,148	121,800	42,370	0	464,205	0	22,500	1,005,023	
Kelly		782,333	130,017	107,191	199,323	64,752	0	93,237	1,376,853	
Kirtland		267,643	11,637	735	22,607	258,250	0	0	560,872	
LosAngeles		1,179	0	560	0	40,853	0	0	42,592	
McClellan		384,658	71,716	169,476	368,773	271,980	282,270	91,291	1,640,164	
Robins		141,528	37,938	21,779	70,361	11,928	81,003	0	364,537	
Tinker		0	94,005	0	0	74,146	691,371	67,632	927,154	
Wright-Patt		88,841	93,991	152,930	162,559	111,297	3,394	49,128	662,140	
<b>TOTAL</b>		<b>1,762,594</b>	<b>2,236,551</b>	<b>883,916</b>	<b>585,630</b>	<b>1,084,709</b>	<b>1,597,630</b>	<b>1,204,345</b>	<b>348,412</b>	<b>7,941,193</b>
<b>Banked</b>										
Arnold		0	0	0	0	0	0	0	0	
Brooks		0	0	0	0	0	0	0	0	
Edwards		5,010	116,530	0	95,560	18,090	0	0	230,180	
Eglin		100,343	35,639	30,440	18,667	0	0	0	84,746	
Hanscom		10,000	15,991	161,105	4,120	0	0	0	181,216	
Hill		29,000	25,000	129,000	84,000	300	6,000	46,000	290,300	
Kelly		964	0	4,976	0	0	0	0	4,976	
Kirtland		0	0	0	0	0	0	0	0	
LosAngeles		0	0	0	0	0	0	0	0	
McClellan		129,000	115,000	53,000	0	0	0	0	168,000	
Robins		0	10,000	0	0	0	0	0	10,000	
Tinker		13,794	25,618	10,218	0	18,755	0	0	54,591	
Wright-Patt		0	96,561	0	0	0	0	0	96,561	
<b>TOTAL</b>		<b>288,111</b>	<b>440,339</b>	<b>388,739</b>	<b>202,347</b>	<b>37,145</b>	<b>6,000</b>	<b>46,000</b>	<b>1,120,570</b>	

ATCH 2



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE



06 APR 1995

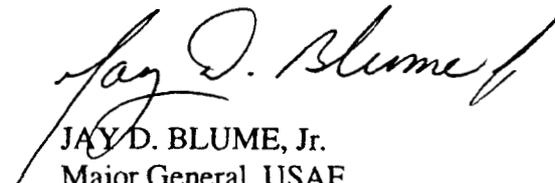
MEMORANDUM FOR BASE CLOSURE COMMISSION (Ms Ann Reese)

FROM: HQ USAF/RT

SUBJECT: USAF BRAC '95 Depot Information

We just completed the COBRA runs for closing Kelly ALC, McClellan ALC, and both Kelly and McClellan ALCs. These COBRA runs reflect assumptions about workload movements that largely resemble the Air Force-only depot closures. They include data and assumptions that are not certified and have not been reviewed by the Base Closure Executive Group. This COBRA data answers questions 80-05d, 80-05e and 80-05f.

Please refer questions to my point of contact Lt Col Louise Eckhardt, DSN 225-4578 or Capt Andy Coggins, DSN 225-5257.

  
JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachments:

1. Kelly ALC COBRA
2. McClellan ALC COBRA
3. Kelly ALC and McClellan ALC COBRA



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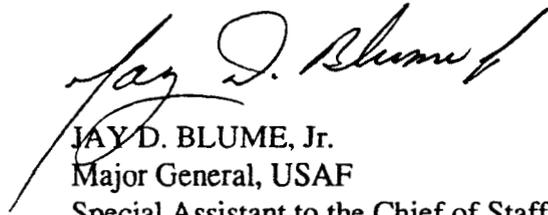
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JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

ADDER Data File: C:\COBRAS08\ALC\KEL-0404.OUT

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2026 (25 Years)

NPV in 2015(\$K): 284,536  
 1-Time Cost(\$K): 922,061

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	49,774	21,566	28,754	39,537	19,769	28,754	188,155	0
Person	2,003	3,959	9,731	11,133	8,394	-20,303	14,917	-45,736
Overhd	2,416	4,396	3,708	3,590	1,834	-3,009	12,935	-7,940
Moving	23,400	46,663	116,628	139,955	116,588	31,527	474,761	0
Missio	0	0	0	0	0	0	0	0
Other	8,802	17,599	43,991	52,789	43,986	29,618	196,785	0
<b>TOTAL</b>	<b>86,396</b>	<b>94,183</b>	<b>202,812</b>	<b>247,005</b>	<b>190,571</b>	<b>66,587</b>	<b>887,554</b>	<b>-53,676</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	19	19
Enl	0	0	0	0	0	33	33
Civ	0	0	0	0	0	870	870
TOT	0	0	0	0	0	922	922

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	17	32	75	91	73	9	297
Enl	30	56	135	161	127	23	532
Stu	0	0	0	0	0	0	0
Civ	685	1,368	3,414	4,097	3,414	670	13,648
TOT	732	1,456	3,624	4,349	3,614	702	14,477

DUAL CLOSURE (SA-ALC & SM-ALC)

KELLY AND MCCLELLAN AFBs  
 REMAIN OPEN.

ADDER REPORT (FILE 1 of 4)

Costs (\$K) Constant Dollars		Savings (\$K) Constant Dollars	
1997	1998	1997	1998
MILCON	49,774	21,566	28,754
Person	2,342	4,935	12,224
Overhd	2,416	5,660	7,178
Moving	23,474	46,801	10,844
Misclo	0	0	140,351
Other	8,802	17,599	52,789
TOTAL	86,809	96,562	258,971
1996	209,105		
MILCON	11,966	1999	2000
Person	4,317	19,769	14,160
Overhd	7,254	15,450	19,754
Moving	396	39,537	28,754
Misclo	0	0	0
Other	0	0	0
TOTAL	11,966	208,919	112,675
1996	18,347	2001	2001
MILCON	27,694	28,754	188,155
Person	0	7,391	56,504
Overhd	0	15,335	55,535
Moving	18,344	31,577	476,063
Misclo	50	0	0
Other	0	29,618	196,785
TOTAL	46,088	973,042	15,619
1996	11,966	1997	1998
MILCON	41,586	49,774	12,028
Person	0	3,591	0
Overhd	0	0	0
Moving	42,600	19,968	0
Misclo	1,301	0	0
Other	0	0	0
TOTAL	85,487	69,295	12,028

(All values in Dollars)

Category	Cost	Sub-Total
-----	-----	-----
<b>Construction</b>		
Military Construction	188,155,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		188,155,000
<b>Personnel</b>		
Civilian RIF	15,789,249	
Civilian Early Retirement	6,111,967	
Civilian New Hires	19,520,000	
Eliminated Military PCS	363,811	
Unemployment	2,718,576	
<b>Total - Personnel</b>		44,503,603
<b>Overhead</b>		
Program Planning Support	5,879,298	
Mothball / Shutdown	10,675,002	
<b>Total - Overhead</b>		16,554,300
<b>Moving</b>		
Civilian Moving	238,858,563	
Civilian PPS	7,545,600	
Military Moving	3,909,328	
Freight	4,443,213	
One-Time Moving Costs	221,306,000	
<b>Total - Moving</b>		476,062,704
<b>Other</b>		
HAP / RSE	12,733,366	
Environmental Mitigation Costs	0	
One-Time Unique Costs	184,052,000	
<b>Total - Other</b>		196,785,366
<b>Total One-Time Costs</b>		<b>922,060,973</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	1,301,530	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>1,301,530</b>
<b>Total Net One-Time Costs</b>		<b>920,759,443</b>

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
----- (SK) -----							
CONSTRUCTION							
MILCON	49,774	21,566	28,754	39,537	19,769	28,754	188,155
Farm Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
CIV SALARY	728	1,510	3,711	4,457	3,711	1,673	15,789
CIV RIF							
CIV Retire	290	579	1,436	1,725	1,436	646	6,112
CIV MOVING	1,191	2,370	5,924	7,108	5,924	1,255	23,773
Per Diem	60	120	300	361	300	62	1,204
POV Miles	60	120	300	361	300	62	1,204
Home Purch	4,543	9,047	22,621	27,142	22,621	4,794	90,768
HMC	2,977	5,926	14,817	17,781	14,817	3,132	59,451
Misc	307	612	1,529	1,835	1,529	324	6,138
House Hunt	916	1,822	4,557	5,469	4,557	958	18,280
PPS	0	0	0	0	0	0	0
RITA	1,965	3,912	9,781	11,736	9,781	2,070	39,245
FRIGHT	121	239	595	714	593	123	2,385
Packing	9	18	46	55	45	9	182
Freight	9	18	46	55	45	9	182
Vehicles	80	158	397	477	397	78	1,586
Driving	14	29	72	87	72	14	289
Unemployment	125	260	639	767	639	288	2,718
OTHER							
Program Plan	1,788	1,341	1,006	754	566	424	5,879
Shutdown	0	2,455	1,281	1,708	2,348	2,882	10,675
New Hire	984	1,976	4,916	5,900	4,916	828	19,520
1-Time Move	11,066	22,130	55,326	66,392	55,326	11,066	221,306
MIL MOVING							
Per Diem	9	17	40	49	36	6	159
POV Miles	7	13	30	37	27	4	119
HMC	174	326	773	930	735	113	3,052
Misc	33	61	147	176	140	22	580
OTHER							
Elim PCS	0	0	0	0	0	364	364
HAP / RSE	603	1,202	2,996	3,595	2,991	1,346	12,733
ENVIRONMENTAL	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	8,199	16,397	40,995	49,194	40,995	28,272	184,052
TOTAL ONE-TIME	85,965	94,087	202,691	247,989	194,273	97,056	922,061

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	24	33	38	45	141	45
BOS	628	1,864	4,868	8,348	11,148	11,683	38,539	11,683
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	216	610	1,523	2,601	3,459	3,591	12,000	3,591
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	844	2,475	6,414	10,982	14,646	15,619	50,981	15,619
TOTAL COST	86,809	96,562	209,105	258,971	208,919	112,675	973,042	15,619
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	74	138	330	396	314	50	1,301	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	74	138	330	396	314	50	1,301	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	717	1,812	2,691	3,889	5,442	14,552	6,303
BOS	0	547	1,658	4,562	8,378	12,901	28,048	13,665
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	20,289	20,289	40,578
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	747	747	1,495
Enl Salary	0	0	0	0	0	596	596	1,193
House Allow	340	976	2,493	4,317	5,766	6,061	19,553	6,061
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	340	2,241	5,963	11,571	18,033	46,038	84,166	69,295
TOTAL SAVINGS	413	2,379	6,293	11,966	18,347	46,088	85,467	69,295

ONE-TIME NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	
CONSTRUCTION								
MILCON	49,774	21,566	28,754	39,537	19,769	28,754	188,155	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	1,017	2,089	5,146	6,182	5,146	2,320	21,901	
Civ Moving	12,184	24,253	60,641	72,766	60,637	20,366	250,847	
Other	13,963	28,162	63,168	75,522	63,795	15,489	260,099	
MIL PERSONNEL								
Mil Moving	150	279	661	796	625	459	2,972	
OTHER								
H&P / RSE	603	1,202	2,996	3,595	2,991	1,346	12,733	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	8,199	16,397	40,995	49,194	40,995	28,272	184,052	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	85,892	93,949	202,361	247,593	193,959	97,005	920,759	
RECURRING NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-717	-1,788	-2,658	-3,851	-5,397	-14,411	-6,257
BOS	628	1,317	3,210	3,786	2,770	-1,219	10,452	-1,982
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	-20,289	-20,289	-40,578
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	-1,344	-1,344	-2,687
House Allow	-124	-366	-971	-1,716	-2,307	-2,470	-7,953	-2,470
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	504	233	451	-588	-3,387	-30,418	-33,205	-53,676
TOTAL NET COST	86,396	94,183	202,812	247,005	190,571	66,587	887,554	-53,676

ADDER Data File: C:\COBRAS08\ALC\KEL-0404.OUT

Discount Rate for NPV.ART/ROI: 2.75%

Inflation Rate for NPV.ART/ROI: 0.00%

APPDET.ART Inflation Rates:

1996: 0.00% 1997: 0.00% 1998: 0.00% 1999: 0.00% 2000: 0.00% 2001: 0.00%

COBRA Scenario Files used:

C:\COBRAS08\ALC\ADD-0404.CBR

C:\COBRAS08\ALC\KEL-0404.CBR

C:\COBRAS08\ALC\MCC-0404.CBR

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2024 (23 Years)

NPV in 2015(\$K): 127,431  
 1-Time Cost(\$K): 456,902

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	22,588	11,785	15,713	21,606	10,803	15,713	98,208	0
Person	1,152	2,291	5,694	6,580	5,106	-11,241	9,583	-25,701
Overhd	1,016	2,185	2,042	2,526	2,191	18	9,980	-2,548
Moving	10,744	21,393	53,418	64,120	53,399	15,361	218,436	0
Missio	0	0	0	0	0	0	0	0
Other	5,302	10,602	26,501	31,801	26,499	5,657	106,361	0
<b>TOTAL</b>	<b>40,802</b>	<b>48,257</b>	<b>103,369</b>	<b>126,633</b>	<b>97,998</b>	<b>25,509</b>	<b>442,568</b>	<b>-28,249</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	10	10
Enl	0	0	0	0	0	16	16
Civ	0	0	0	0	0	498	498
TOT	0	0	0	0	0	524	524
<b>POSITIONS REALIGNED</b>							
Off	9	17	39	47	39	7	158
Enl	15	28	66	78	60	13	269
Stu	0	0	0	0	0	0	0
Civ	392	783	1,955	2,346	1,955	384	7,815
TOT	416	828	2,060	2,471	2,054	404	8,233

Summary:

Assumptions:

SA-ALC closes. Remainder of Kelly AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised data from AF/PEP, AF/CEPP, and AF/LGMM.

**DUAL CLOSURE**

**SA-ALC FILE (FILE 2 of 4)**

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SPF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	22,588	11,785	15,713	21,606	10,803	15,713	98,208	0
Person	1,319	2,772	6,904	8,659	7,878	3,993	31,526	1,830
Overhd	1,016	2,901	3,954	6,155	8,082	8,637	30,745	6,951
Moving	10,782	21,464	53,583	64,316	53,555	15,393	219,092	0
Missio	0	0	0	0	0	0	0	0
Other	5,302	10,602	26,501	31,801	26,499	5,657	106,361	0
<b>TOTAL</b>	<b>41,007</b>	<b>49,523</b>	<b>106,655</b>	<b>132,538</b>	<b>106,816</b>	<b>49,393</b>	<b>485,933</b>	<b>8,781</b>

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	167	480	1,210	2,079	2,772	15,235	21,943	27,531
Overhd	0	716	1,912	3,629	5,891	8,618	20,765	9,499
Moving	38	71	165	196	155	31	656	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>205</b>	<b>1,266</b>	<b>3,286</b>	<b>5,905</b>	<b>8,818</b>	<b>23,884</b>	<b>43,365</b>	<b>37,030</b>

TOTAL ONE-TIME COST REPORT (COBRA v5.08)  
 Data As Of 17:15 04/04/1995, Report Created 17:17 04/04/1995

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	98,208,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		98,208,000
<b>Personnel</b>		
Civilian RIF	9,040,619	
Civilian Early Retirement	3,500,948	
Civilian New Hires	11,172,000	
Eliminated Military PCS	183,596	
Unemployment	1,556,604	
<b>Total - Personnel</b>		25,453,767
<b>Overhead</b>		
Program Planning Support	2,105,775	
Mothball / Shutdown	5,681,250	
<b>Total - Overhead</b>		7,787,025
<b>Moving</b>		
Civilian Moving	125,479,293	
Civilian PPS	4,320,000	
Military Moving	1,915,776	
Freight	2,403,799	
One-Time Moving Costs	84,973,000	
<b>Total - Moving</b>		219,091,868
<b>Other</b>		
HAP / RSE	6,054,469	
Environmental Mitigation Costs	0	
One-Time Unique Costs	100,307,000	
<b>Total - Other</b>		106,361,469
<b>Total One-Time Costs</b>		<b>456,902,129</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	656,260	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>656,260</b>
<b>Total Net One-Time Costs</b>		<b>456,245,869</b>

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	22,588	11,785	15,713	21,606	10,803	15,713	98,208
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	418	855	2,128	2,547	2,128	964	9,041
Civ Retire	164	332	823	986	823	374	3,501
<b>CIV MOVING</b>							
Per Diem	632	1,255	3,135	3,764	3,135	661	12,584
POV Miles	26	52	131	157	131	27	525
Home Purch	2,307	4,586	11,453	13,751	11,453	2,426	45,977
HHG	1,680	3,340	8,339	10,013	8,339	1,764	33,476
Misc	176	351	876	1,051	876	185	3,515
House Hunt	467	926	2,311	2,775	2,311	486	9,277
PPS	0	0	0	0	0	4,320	4,320
RITA	1,010	2,008	5,014	6,020	5,014	1,060	20,126
<b>FREIGHT</b>							
Packing	68	136	337	404	335	71	1,352
Freight	4	8	19	23	19	4	78
Vehicles	42	83	208	251	208	40	833
Driving	7	14	35	42	35	7	140
Unemployment	72	147	366	438	366	166	1,557
<b>OTHER</b>							
Program Plan	640	480	360	270	203	152	2,106
Shutdown	0	1,307	682	909	1,250	1,534	5,681
New Hire	560	1,128	2,816	3,376	2,816	476	11,172
1-Time Move	4,249	8,497	21,243	25,492	21,243	4,249	84,973
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	3	6	14	17	12	3	57
POV Miles	3	5	11	13	10	2	44
HHG	88	164	381	455	362	72	1,522
Misc	17	31	73	87	69	14	292
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	183	183
<b>OTHER</b>							
HAP / RSE	287	572	1,424	1,708	1,422	642	6,054
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	5,015	10,030	25,077	30,093	25,077	5,015	100,307
<b>TOTAL ONE-TIME</b>	<b>40,526</b>	<b>48,099</b>	<b>102,972</b>	<b>126,250</b>	<b>98,442</b>	<b>40,612</b>	<b>456,902</b>

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	10	15	17	20	62	20
BOS	376	1,114	2,902	4,962	6,612	6,931	22,896	6,931
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	105	310	770	1,312	1,745	1,830	6,072	1,830
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	481	1,424	3,682	6,288	8,374	8,781	29,031	8,781
<b>TOTAL COST</b>	<b>41,007</b>	<b>49,523</b>	<b>106,655</b>	<b>132,538</b>	<b>106,816</b>	<b>49,393</b>	<b>485,933</b>	<b>8,781</b>
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	38	71	165	196	155	31	656	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	38	71	165	196	155	31	656	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	507	1,280	1,901	2,747	3,843	10,279	4,450
BOS	0	209	631	1,728	3,144	4,775	10,487	5,049
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	11,614	11,614	23,228
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	393	393	787
Enl Salary	0	0	0	0	0	289	289	578
House Allow	167	480	1,210	2,079	2,772	2,938	9,647	2,938
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	167	1,196	3,121	5,708	8,663	23,853	42,708	37,030
<b>TOTAL SAVINGS</b>	<b>205</b>	<b>1,266</b>	<b>3,286</b>	<b>5,905</b>	<b>8,818</b>	<b>23,884</b>	<b>43,365</b>	<b>37,030</b>

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	22,588	11,785	15,713	21,606	10,803	15,713	98,208	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	582	1,186	2,951	3,533	2,951	1,338	12,541	
Civ Moving	6,422	12,760	31,859	38,252	31,858	11,052	132,203	
Other	5,521	11,559	25,467	30,486	25,878	6,577	105,489	
<b>MIL PERSONNEL</b>								
Mil Moving	73	136	315	376	298	244	1,443	
<b>OTHER</b>								
HAP / RSE	287	572	1,424	1,708	1,422	642	6,054	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	5,015	10,030	25,077	30,093	25,077	5,015	100,307	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>40,488</b>	<b>48,029</b>	<b>102,808</b>	<b>126,054</b>	<b>98,287</b>	<b>40,581</b>	<b>456,246</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	-507	-1,270	-1,887	-2,730	-3,823	-10,217	-4,430
BOS	376	905	2,270	3,234	3,469	2,156	12,410	1,882
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	-11,614	-11,614	-23,228
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	-682	-682	-1,365
House Allow	-62	-170	-439	-767	-1,027	-1,108	-3,574	-1,108
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>314</b>	<b>228</b>	<b>561</b>	<b>580</b>	<b>-288</b>	<b>-15,072</b>	<b>-13,678</b>	<b>-28,249</b>
<b>TOTAL NET COST</b>	<b>40,802</b>	<b>48,257</b>	<b>103,369</b>	<b>126,633</b>	<b>97,998</b>	<b>25,509</b>	<b>442,568</b>	<b>-28,249</b>

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

Assumptions:

SA-ALC closes. Remainder of Kelly AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised data from AF/PEP, AF/CEPP, and AF/LGMM.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	KELLY, TX	1,363 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
KELLY, TX	ROBINS, GA	1,045 mi
KELLY, TX	TINKER, OK	488 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from KELLY, TX to HILL, UT

	1996	1997	1998	1999	2000	2001
-----	----	----	----	----	----	----
Officer Positions:	1	2	4	5	4	0
Enlisted Positions:	2	3	7	8	2	4
Civilian Positions:	40	79	196	235	196	36
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	3	6	15	18	16	3
Heavy/Special Vehicles:	6	11	28	34	28	5

Transfers from KELLY, TX to ROBINS, GA

	1996	1997	1998	1999	2000	2001
-----	----	----	----	----	----	----
Officer Positions:	1	1	0	0	0	0
Enlisted Positions:	1	1	1	0	0	0
Civilian Positions:	4	8	20	24	20	2
Student Positions:	0	0	0	0	0	0
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

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from KELLY, TX to TINKER, OK

	1996	1997	1998	1999	2000	2001
Officer Positions:	7	14	35	42	35	7
Enlisted Positions:	12	24	58	70	58	9
Civilian Positions:	348	696	1,739	2,087	1,739	346
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	25	50	124	149	124	25
Heavy/Special Vehicles:	45	91	227	272	227	45

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	98	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: KELLY, TX

Total Officer Employees:	843	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	4,166	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	14,059	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: MCCLELLAN, CA

Total Officer Employees:	449	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,325	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	8,882	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19		
Per Diem Rate (\$/Day):	77	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
		Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	5,015	10,030	25,077	30,093	25,077	5,015
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	4,249	8,497	21,243	25,492	21,243	4,249
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	4,545					
Perc Family Housing ShutDown:						0.0%

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
Perc Family Housing ShutDown:						0.0%

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
Perc Family Housing ShutDown:						0.0%

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: TINKER, OK	1996	1997	1998	1999	2000	2001
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 Regd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
Perc Family Housing ShutDown:						0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: HILL, UT	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	18	0	0	0	0
Enl Force Struc Change:	0	265	0	0	0	0
Civ Force Struc Change:	0	-705	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: KELLY, TX	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-52	0	0	0	0
Enl Force Struc Change:	0	-229	0	0	0	0
Civ Force Struc Change:	0	-1,163	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	-10
Enl Scenario Change:	0	0	0	0	0	-16
Civ Scenario Change:	0	0	0	0	0	-499
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-11	0	0	0	0
Enl Force Struc Change:	0	-184	0	0	0	0
Civ Force Struc Change:	0	-334	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change (No Sal Save):	0	0	0	0	0	0
Enl Change (No Sal Save):	0	0	0	0	0	0
Civ Change (No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	262	0	0	0	0
Enl Force Struc Change:	0	502	0	0	0	0
Civ Force Struc Change:	0	-1,249	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change (No Sal Save):	0	0	0	0	0	0
Enl Change (No Sal Save):	0	0	0	0	0	0
Civ Change (No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-151	0	0	0	0
Enl Force Struc Change:	0	-68	0	0	0	0
Civ Force Struc Change:	0	-730	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change (No Sal Save):	0	0	0	0	0	0
Enl Change (No Sal Save):	0	0	0	0	0	0
Civ Change (No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: HILL, UT

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
Cold Storage	MAINT	30,000	0	500
New/Renovate Admin	OTHER	0	37,260	2,080

Name: ROBINS, GA

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
New/Renovate Admin	OTHER	0	3,726	270

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: TINKER, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
Bldg 214 GTE Test Fa	MAINT	12,950	0	647
Fuel/Air Fac	MAINT	5,200	0	1,048
Bldg 3902 Fuel Test	MAINT	16,000	0	1,632
Bldg 3703 Test Cell	OTHER	0	5,000	5,000
ALC C-5 Facilities	OTHER	326,000	0	52,111
Renovate Test Cells	OTHER	0	0	8,700
New/Renovate Admin	OTHER	97,657	282,624	26,220

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary (\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents (\$):	7,073.00	Civilian New Hire Cost (\$):	4,000.00
Enlisted Salary (\$/Year):	36,148.00	Nat Median Home Price (\$):	114,600.00
Enl BAQ with Dependents (\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost (\$/Week):	174.00	Max Home Sale Reimburs (\$):	22,385.00
Unemployment Eligibility (Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary (\$/Year):	46,642.00	Max Home Purch Reimburs (\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc: Depot Factors		RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin (SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters (SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters (SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
		2000: 3.00%	2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person (Lb):	710	Equip Pack & Crate (\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle (\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle (\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement (\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS (\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost (\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost (\$):	5,761.00

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

## COBRA MANPOWER IMPACT WORKSHEET

BASE: KELLY - ALC Only

DESCRIPTION: Close San Antonio ALC. Remainder of Kelly AFB stays open. SA-ALC workload moved to OC-ALC (89%), OO-ALC (10%), and WR-ALC (1%).

	Officer	Amn	Civilians	Total	Source
<b>94/4 AF Base Population</b>	<b>801</b>	<b>3419</b>	<b>12678</b>	<b>16898</b>	BRAC95 Manpower Baseline 12/02/94, TAB 2
<b>Non-AF Tenant Population</b>					
1. Defense Logistics Agency	0	0	937	937	All tenant data from AF/PEP, TAB 2. Corrected DLA input.
2. Defense Commissary Agency	0	0	241	241	
3. Defense Accounting Office	13	0	166	179	
4. Region SIGINT Ops Cntr	29	747	37	813	
	42	747	1381	2170	
<b>94/4 Total Base Population</b>	<b>843</b>	<b>4166</b>	<b>14059</b>	<b>19068</b>	Screen 4 input
<b>97/4 Adj Base Pop</b>	<b>749</b>	<b>3190</b>	<b>11515</b>	<b>15454</b>	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
<b>Non-AF Tenants</b>	<b>42</b>	<b>747</b>	<b>1381</b>	<b>2170</b>	(Total from above)
<b>97/4 Adj Total Base Population</b>	<b>791</b>	<b>3937</b>	<b>12896</b>	<b>17624</b>	97/4 Adj Base population plus tenants
<b>Force Structure Changes</b>	<b>-52</b>	<b>-229</b>	<b>-1163</b>	<b>-1444</b>	97/4 Adj total pop minus 94/4 total base pop. Screen 6 input.
<b>ALC &amp; Bos Eliminations</b>	<b>-10</b>	<b>-16</b>	<b>-498</b>	<b>-524</b>	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
<b>Total ALC &amp; BOS Moves</b>	<b>158</b>	<b>260</b>	<b>7815</b>	<b>8233</b>	BRAC Manpower Impact WS, dated 3/30/95, TAB 2

### ALC & BOS MOVES

Officers	158							Source:
Amn	260							BRAC95 Manpower Impact Worksheet
Civilians	7815							Dated 3/30/95, provided by
Total	8233							LTC Callahan, AF/PEP. Manpower figures
								reflect FY97/4 endstrength
<b>Workload Transfer Percentages</b>								
Hill	10%							Source:
Tinker	89%							Workload percentages provided by
Robins	1%							LTC Pitcher based on FY99 Workload
	100%							
<b>Transfer to:</b>								
Hill		5%	10%	25%	30%	25%	5%	Totals
		1996	1997	1998	1999	2000	2001	
Officers	1	2	4	5	4	0	0	16
Amn	2	3	7	8	2	4	4	26
Civilians	40	79	196	235	196	36	36	782
								824
<b>Transfer to:</b>								
Tinker		5%	10%	25%	30%	25%	5%	Totals
		1996	1997	1998	1999	2000	2001	
Officers	7	14	35	42	35	7	7	140
Amn	12	24	58	70	58	9	9	231
Civilians	348	696	1739	2087	1739	345	345	6955
								7326
<b>Transfer to:</b>								
Robins		5%	10%	25%	30%	25%	5%	Totals
		1996	1997	1998	1999	2000	2001	
Officers	1	1	0	0	0	0	0	2
Amn	1	1	1	0	0	0	0	3
Civilians	4	8	20	24	20	2	2	78
								83

**BRAC95 MANPOWER IMPACT WORKSHEET**

BASE: Kelly

Entire ALC moves

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
<b>ADJUSTED BASELINE POPULATION</b>	749	3,190	11,515	15,454	3,341	18,795
SAN ANTONIO ALC (per Aug 94 mpwr file)	182	131	7930	8,243	0	8,243
less Embedded support manpower	<u>-20</u>	<u>-11</u>	<u>-106</u>	<u>-137</u>	<u>0</u>	<u>-137</u>
ALC manpower to move	162	120	7824	8106	0	8106
<b>MANPOWER IMPACTS</b>						
MOVE SAN ANTONIO ALC	-152	-113	-7355	-7620	0	-7620
BOS tail	-6	-147	-460	-613	0	-613
ALC overhead consolidation savings (6%)	-10	-7	-469	-486	0	-486
BOS tail	0	-9	-29	-38	0	-38
<b>NET SAVINGS (INCL DEPOT)</b>	<b>-10</b>	<b>-16</b>	<b>-498</b>	<b>-524</b>	<b>0</b>	<b>-524</b>
<b>MANPOWER REMAINING ON BASE</b>	<b>581</b>	<b>2,914</b>	<b>3,202</b>	<b>6,697</b>	<b>3,341</b>	<b>10,038</b>
<b>SUPPORT MANPOWER REMAINING</b>	<b>107</b>	<b>441</b>	<b>1,064</b>	<b>1,612</b>	<b>0</b>	<b>1,612</b>

Kelly - ALC Only MILCON

Purpose: Summarize MILCON Requirements for Closing SA-ALC only. Kelly AFB remains open and non-ALC organizations (with the exception of BOS) are not impacted.

Source: AFMC21, AF/CEPP, and AF/LGM Inputs

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	Cold Storage	0.5
ALC	New/Renovate Admin Space	2.08
	Subtotal	<u>2.58</u>

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	Bldg 214 GTE Test Facility	0.647
ALC	Fuel/Air Facility	1.048
ALC	Bldg 3902 Fuel Test	1.632
ALC	Bldg 3703 Fuel Test	5
ALC	C-5 Repair Facilities	52.111
ALC	Renovate Engine Test Cells	8.7
ALC	New/Renovate Admin Space	26.22
	Subtotal	<u>95.358</u>

**GAINING BASE: ROBINS**

Unit	Description	Cost (\$M)
ALC	New/Renovate Admin Space	0.27
	Subtotal	<u>0.27</u>

Facilities Total: 98.21

**GRAND TOTAL: \$ 98.21 M**

ALL FACILITY SHUTDOWN: 3.8M sq ft (ONLY REFLECTS DETOT MX AREAS) \*  
 SOURCE: LTC PITCHER, AF/LGMM, EXTRACTED FROM JCS4-DM CERTIFIED DATA

\* ADD SPACE FOR MAT. MGT + OVERHEAD: 4598 people @ 162 sq ft = 744,376 sq ft  
 SOURCE: SEE ATTACHED MEMO, WTCB 3.

TOTAL ALC FACILITY SHUTDOWN: 4.545 M sq ft.

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Pctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2025 (24 Years)

NPV in 2015(\$K): 123,162  
 1-Time Cost(\$K): 429,429

	Net Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	12,470	6,506	8,675	11,928	5,964	8,675	54,217	0
Person	850	1,668	4,036	4,553	3,288	-9,061	5,334	-20,035
Overhd	1,400	2,210	1,652	1,045	-379	-3,053	2,876	-5,417
Moving	12,656	25,269	63,210	75,835	63,189	16,165	256,325	0
Missio	0	0	0	0	0	0	0	0
Other	3,500	6,998	17,489	20,988	17,487	23,961	90,424	0
<b>TOTAL</b>	<b>30,877</b>	<b>42,651</b>	<b>95,063</b>	<b>114,348</b>	<b>89,550</b>	<b>36,686</b>	<b>409,177</b>	<b>-25,452</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	9	9
Enl	0	0	0	0	0	17	17
Civ	0	0	0	0	0	372	372
TOT	0	0	0	0	0	398	398

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	8	15	36	44	34	2	139
Enl	15	28	69	83	67	10	272
Stu	0	0	0	0	0	0	0
Civ	293	585	1,459	1,751	1,459	286	5,833
TOT	316	628	1,564	1,878	1,560	298	6,244

Summary:

Assumptions:

SM-ALC closes. Remainder of McClellan AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised data from AF/PEP, AF/CEPP, and AF/LGMM.

**DUAL CLOSURE**

**SM-ALC FILE (FILE 3044)**

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Pctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	12,470	6,506	8,675	11,928	5,964	8,675	54,217	0
Person	1,023	2,164	5,320	6,790	6,282	3,398	24,977	1,761
Overhd	1,400	2,759	3,211	4,670	5,997	6,672	24,710	5,052
Moving	12,692	25,337	63,375	76,035	63,348	16,184	256,971	0
Missio	0	0	0	0	0	0	0	0
Other	3,500	6,998	17,489	20,988	17,487	23,961	90,424	0
<b>TOTAL</b>	<b>31,086</b>	<b>43,764</b>	<b>98,070</b>	<b>120,410</b>	<b>99,079</b>	<b>58,890</b>	<b>451,299</b>	<b>6,813</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	173	496	1,284	2,237	2,994	12,459	19,643	21,796
Overhd	0	549	1,558	3,625	6,376	9,725	21,834	10,469
Moving	36	67	165	199	158	19	645	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>209</b>	<b>1,113</b>	<b>3,007</b>	<b>6,062</b>	<b>9,529</b>	<b>22,203</b>	<b>42,123</b>	<b>32,265</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	54,217,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		<b>54,217,000</b>
<b>Personnel</b>		
Civilian RIF	6,748,631	
Civilian Early Retirement	2,611,019	
Civilian New Hires	8,348,000	
Eliminated Military PCS	180,215	
Unemployment	1,161,972	
<b>Total - Personnel</b>		<b>19,049,837</b>
<b>Overhead</b>		
Program Planning Support	3,773,523	
Mothball / Shutdown	4,993,750	
<b>Total - Overhead</b>		<b>8,767,273</b>
<b>Moving</b>		
Civilian Moving	113,379,267	
Civilian PPS	3,225,600	
Military Moving	1,993,548	
Freight	2,039,414	
One-Time Moving Costs	136,333,000	
<b>Total - Moving</b>		<b>256,970,829</b>
<b>Other</b>		
HAP / RSE	6,678,896	
Environmental Mitigation Costs	0	
One-Time Unique Costs	83,745,000	
<b>Total - Other</b>		<b>90,423,896</b>
<b>Total One-Time Costs</b>		<b>429,428,836</b>
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	645,270	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>645,270</b>
<b>Total Net One-Time Costs</b>		<b>428,783,566</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	12,470	6,506	8,675	11,928	5,964	8,675	54,217
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	309	655	1,582	1,910	1,582	709	6,749
Civ Retire	126	248	613	739	613	273	2,611
<b>CIV MOVING</b>							
Per Diem	558	1,114	2,789	3,344	2,789	594	11,189
POV Miles	34	67	169	204	169	34	678
Home Purch	2,236	4,460	11,168	13,391	11,168	2,368	44,791
HHG	1,297	2,586	6,478	7,769	6,478	1,368	25,975
Misc	131	261	654	784	654	138	2,622
House Hunt	449	896	2,246	2,694	2,246	472	9,004
PPS	0	0	0	0	0	3,225	3,225
RITA	954	1,904	4,767	5,717	4,767	1,010	19,120
<b>FREIGHT</b>							
Packing	52	103	258	310	257	52	1,033
Freight	5	10	26	31	26	5	104
Vehicles	37	75	188	226	188	37	753
Driving	7	15	37	45	36	7	149
Unemployment	53	113	272	329	272	122	1,162
<b>OTHER</b>							
Program Plan	1,148	861	645	484	363	272	3,773
Shutdown	0	1,148	599	799	1,099	1,348	4,994
New Hire	424	848	2,100	2,524	2,100	352	8,348
1-Time Move	6,817	13,633	34,083	40,900	34,083	6,817	136,333
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	6	11	26	32	24	3	102
POV Miles	4	8	19	24	17	2	75
HHG	87	161	392	475	373	40	1,529
Misc	16	30	73	89	71	8	288
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	180	180
<b>OTHER</b>							
HAP / RSE	316	631	1,571	1,887	1,569	704	6,679
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	3,184	6,367	15,918	19,101	15,918	23,257	83,745
<b>TOTAL ONE-TIME</b>	<b>30,723</b>	<b>42,713</b>	<b>95,352</b>	<b>115,735</b>	<b>92,829</b>	<b>52,077</b>	<b>429,429</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(SK)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	253	750	1,966	3,386	4,536	4,752	15,643	4,752
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	111	300	752	1,289	1,714	1,761	5,928	1,761
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	363	1,051	2,718	4,675	6,250	6,813	21,871	6,813
<b>TOTAL COST</b>	<b>31,086</b>	<b>43,764</b>	<b>98,070</b>	<b>120,410</b>	<b>99,079</b>	<b>58,890</b>	<b>451,299</b>	<b>6,813</b>
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(SK)----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	36	67	165	199	158	19	645	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	36	67	165	199	158	19	645	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(SK)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	210	532	790	1,142	1,599	4,273	1,852
BOS	0	339	1,026	2,835	5,234	8,126	17,561	8,616
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	8,675	8,675	17,351
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	354	354	708
Enl Salary	0	0	0	0	0	307	307	614
House Allow	173	496	1,284	2,237	2,994	3,122	10,306	3,122
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	173	1,045	2,842	5,862	9,370	22,185	41,477	32,265
<b>TOTAL SAVINGS</b>	<b>209</b>	<b>1,113</b>	<b>3,007</b>	<b>6,062</b>	<b>9,529</b>	<b>22,203</b>	<b>42,123</b>	<b>32,265</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	12,470	6,506	8,675	11,928	5,964	8,675	54,217	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	435	902	2,195	2,649	2,195	982	9,360	
Civ Moving	5,762	11,493	28,781	34,515	28,779	9,314	118,644	
Other	8,442	16,603	37,700	45,036	37,917	8,912	154,610	
<b>MIL PERSONNEL</b>								
Mil Moving	77	143	346	420	327	214	1,528	
<b>OTHER</b>								
HAP / RSE	316	631	1,571	1,887	1,569	704	6,679	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	3,184	6,367	15,918	19,101	15,918	23,257	83,745	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>30,687</b>	<b>42,646</b>	<b>95,187</b>	<b>115,535</b>	<b>92,670</b>	<b>52,058</b>	<b>428,783</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	-210	-532	-790	-1,142	-1,599	-4,273	-1,852
BOS	253	411	939	552	-698	-3,375	-1,918	-3,864
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	-8,675	-8,675	-17,351
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	-661	-661	-1,322
House Allow	-62	-195	-531	-949	-1,280	-1,361	-4,379	-1,361
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>190</b>	<b>5</b>	<b>-124</b>	<b>-1,187</b>	<b>-3,120</b>	<b>-15,372</b>	<b>-19,607</b>	<b>-25,452</b>
<b>TOTAL NET COST</b>	<b>30,877</b>	<b>42,651</b>	<b>95,063</b>	<b>114,348</b>	<b>89,550</b>	<b>36,686</b>	<b>409,177</b>	<b>-25,452</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

Assumptions:

SM-ALC closes. Remainder of McClellan AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised  
 data from AF/PEP, AF/CEPP, and AF/LGMM.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	MCCLELLAN, CA	671 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MCCLELLAN, CA to HILL, UT

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	5	10	25	30	25	2
Enlisted Positions:	10	19	48	57	48	8
Civilian Positions:	205	409	1,021	1,225	1,021	202
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	12	24	61	73	60	12
Heavy/Special Vehicles:	19	37	93	112	93	19

Transfers from MCCLELLAN, CA to ROBINS, GA

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	1	1	2	3	0	0
Enlisted Positions:	1	2	4	5	2	0
Civilian Positions:	15	30	73	88	73	13
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	1	2	4	5	4	1
Heavy/Special Vehicles:	1	3	7	8	7	1

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MCCLELLAN, CA to TINKER, OK

	1996	1997	1998	1999	2000	2001
Officer Positions:	2	4	9	11	9	0
Enlisted Positions:	4	7	17	21	17	2
Civilian Positions:	73	146	365	438	365	71
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	4	9	22	26	21	4
Heavy/Special Vehicles:	7	13	33	40	33	7

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	98	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: MCCLELLAN, CA

Total Officer Employees:	476	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,497	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	9,237	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	77	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avc:dnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0		Perc Family Housing ShutDown:		0.0%	

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	3,184	6,367	15,918	19,101	15,918	23,257
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	6,817	13,633	34,083	40,900	34,083	6,817
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	300
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	3,995	Perc Family Housing ShutDown:				0.0%

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fcirs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0
Env Non-MilCon Req'd (\$K)	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0
Construction Schedule (%)	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%)	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0
Facil Shutdown(XSF)	0	0	0	0	0	0.0%

Name: TINKER, OK

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	18	0	0	0	0
Enl Force Struc Change:	0	265	0	0	0	0
Civ Force Struc Change:	0	-705	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change (No Sal Save):	0	0	0	0	0	0
Enl Change (No Sal Save):	0	0	0	0	0	0
Civ Change (No Sal Save):	0	0	0	0	0	0
Caretakeers - Military:	0	0	0	0	0	0
Caretakeers - Civilian:	0	0	0	0	0	0

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-52	0	0	0	0
Enl Force Struc Change:	0	-229	0	0	0	0
Civ Force Struc Change:	0	-1,163	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change (No Sal Save):	0	0	0	0	0	0
Enl Change (No Sal Save):	0	0	0	0	0	0
Civ Change (No Sal Save):	0	0	0	0	0	0
Caretakeers - Military:	0	0	0	0	0	0
Caretakeers - Civilian:	0	0	0	0	0	0

Name: KELLY, TX

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Pctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-18	0	0	0	0
Enl Force Struc Change:	0	-200	0	0	0	0
Civ Force Struc Change:	0	-1,366	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	-9
Enl Scenario Change:	0	0	0	0	0	-17
Civ Scenario Change:	0	0	0	0	0	-372
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	262	0	0	0	0
Enl Force Struc Change:	0	502	0	0	0	0
Civ Force Struc Change:	0	-1,249	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-151	0	0	0	0
Enl Force Struc Change:	0	-68	0	0	0	0
Civ Force Struc Change:	0	-730	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: HILL, UT

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
3&6 Story Tower	OTHER	0	0	1,500
40000 sf High Bay	OTHER	0	0	8,200
Renovate Bldg 100c	OTHER	0	0	70
Renovate Bldg 5N	OTHER	0	0	1,543
Construct Test P	OTHER	0	0	365
Tower Supports	OTHER	0	0	251
Renovate Bldg 265	OTHER	0	0	1,300
Construct Test Cells	OTHER	0	0	300
moved to 1 time unique				
moved to 1 time moving cost				
Renovate Bldg 11	OTHER	0	0	950
moved to 1 time unique				
moved to 1 time unique				
New/Renovate Admin	OTHER	0	71,300	18,200

Name: ROBINS, GA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
New/Renovate Admin	OTHER	0	14,094	830

Name: TINKER, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
New A/C Maint Dock	OTHER	0	0	305
Hydraulics Reconfig	OTHER	0	0	968
QL Facilities	OTHER	0	0	15,400
Instruments	OTHER	0	0	525
New/Renovate Admin	OTHER	0	70,389	3,510

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index: 0.93	Rehab vs. New MilCon Cost: 0.00%
BOS Index (RPMA vs population): 0.54	Info Management Account: 0.00%
(Indices are used as exponents)	MilCon Design Rate: 0.00%
Program Management Factor: 10.00%	MilCon SIOH Rate: 0.00%
Caretaker Admin(SF/Care): 162.00	MilCon Contingency Plan Rate: 0.00%
Mothball Cost (\$/SF): 1.25	MilCon Site Preparation Rate: 0.00%
Avg Bachelor Quarters(SF): 256.00	Discount Rate for NPV.RPT/ROI: 2.75%
Avg Family Quarters(SF): 1,320.00	Inflation Rate for NPV.RPT/ROI: 0.00%
APPDET.RPT Inflation Rates:	
1996: 0.00% 1997: 2.90% 1998: 3.00%	1999: 3.00% 2000: 3.00% 2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb): 710	Equip Pack & Crate(\$/Ton): 284.00
HHG Per Off Family (Lb): 14,500.00	Mil Light Vehicle(\$/Mile): 0.43
HHG Per Enl Family (Lb): 9,000.00	Heavy/Spec Vehicle(\$/Mile): 1.40
HHG Per Mil Single (Lb): 6,400.00	POV Reimbursement(\$/Mile): 0.18
HHG Per Civilian (Lb): 18,000.00	Avg Mil Tour Length (Years): 4.10
Total HHG Cost (\$/100Lb): 35.00	Routine PCS(\$/Pers/Tour): 6,437.00
Air Transport (\$/Pass Mile): 0.20	One-Time Off PCS Cost(\$): 9,142.00
Misc Exp (\$/Direct Employ): 700.00	One-Time Enl PCS Cost(\$): 5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyard Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

# COBRA MANPOWER IMPACT SHEET

BASE: MCCLELLAN - ALC Only

DESCRIPTION: Close Sacramento ALC. Remainder of McClellan AFB stays open. Assumes F-111 workload is phased out. SM-ALC workload moved to OO-ALC (70%), OC-ALC (25%), and WR-ALC (5%).

	Officer	Amm	Civilians	Total	Source
94/4 AF Base Population	449	2325	8882	11656	BRAC95 Manpower Baseline 12/02/94, TAB 2
Non-AF Tenant Population					All tenant data from AF/PEP, TAB 2
1. Defense Logistics Agency	0	0	225	603	
2. Defense Commissary Agency	0	0	0	0	
3. DFAS	1	8	130	139	
4. U.S. Coast Guard	26	164	0	190	
	27	172	355	554	
<b>Total Base Population</b>	<b>476</b>	<b>2497</b>	<b>9237</b>	<b>12588</b>	Screen 4 input
97/4 Adj Base Pop	431	2125	7516	10072	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
Non-AF Tenants	27	172	355	554	(Total from above)
<b>97/4 Adj Total Base Population</b>	<b>458</b>	<b>2297</b>	<b>7871</b>	<b>10626</b>	97/4 Adj Base population plus tenants
<b>Force Structure Changes</b>	<b>-18</b>	<b>-200</b>	<b>-1366</b>	<b>-1584</b>	97/4 Adj total pop minus 94/4 total base pop. Screen 6 input.
<b>ALC &amp; BOS Eliminations</b>	<b>-9</b>	<b>-17</b>	<b>-372</b>	<b>-398</b>	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
<b>Total ALC &amp; BOS Moves</b>	<b>139</b>	<b>272</b>	<b>5833</b>	<b>6244</b>	BRAC Manpower Impact WS, dated 3/30/95, TAB 2

## ALC & BOS MOVES

Officers	139																																																																																																																																																																																																				
Enlisted	272																																																																																																																																																																																																				
Civilians	5833																																																																																																																																																																																																				
<b>Total</b>	<b>6244</b>																																																																																																																																																																																																				
<div style="display: flex; justify-content: space-between;"> <div> <p>Source:</p> <p>BRAC95 Manpower Impact Worksheet</p> <p>Dated 3/30/95, provided by</p> <p>LTC Callahan, AF/PEP. Manpower figures reflect FY97/4 endstrength</p> </div> </div>																																																																																																																																																																																																					
<div style="display: flex; justify-content: space-between;"> <div> <p>Workload Transfer Percentages</p> <p>Hill 70.0%</p> <p>Tinker 25.0%</p> <p>Robins 5.0%</p> <p style="text-align: right;">100%</p> </div> <div> <p>Source:</p> <p>FY99 workload percentages provided by</p> <p>LTC Pitcher</p> </div> </div>																																																																																																																																																																																																					
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**BRAC95 MANPOWER IMPACT WORKSHEET**

BASE: McClellan

ALC moves

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
<b>ADJUSTED BASELINE POPULATION</b>	431	2,125	7,516	10,072	261	10,333
SACRAMENTO ALC (per Aug 94 mpwr file)	162	184	5912	6,258	0	6,258
less Embedded support manpower	<u>-19</u>	<u>-14</u>	<u>-79</u>	<u>-112</u>	0	<u>-112</u>
ALC manpower to move	143	170	5833	6146	0	6146
<b>MANPOWER IMPACTS</b>						
MOVE SAN ANTONIO ALC	-134	-160	-5483	-5777	0	-5777
BOS tail	-5	-112	-350	-467	0	-467
ALC overhead consolidation savings (6%)	-9	-10	-350	-369	0	-369
BOS tail	0	-7	-22	-29	0	-29
<b>NET SAVINGS (INCL DEPOT)</b>	-9	-17	-372	-398	0	-398
<b>MANPOWER REMAINING ON BASE</b>	283	1,836	1,311	3,430	261	3,691
<b>SUPPORT MANPOWER REMAINING</b>	217	959	866	2,042	0	2,042

McClellan - ALC Only MILCON

Purpose: Summarize MILCON Requirements for closing SM-ALC. McClellan AFB remains open and non-ALC (with the exception of BOS) are not impacted.

Sources: AFRES, AFMC21, AF/CEP, and AF/LGM Inputs

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	3&6 Story Tower	1.5
ALC	40000 sf High Bay	8.2
ALC	Renovate Bldg 100C	0.07
ALC	Renovate Bldg 5N	1.543
ALC	Construct Test Platform	0.365
ALC	Tower Supports	0.251
ALC	Renovate Bldg 265	1.3
ALC	Construct Test Cells	0.3
ALC	Renovate Bldg 11	0.95
ALC	New/Renovate Admin Space	18.2
Subtotal		32.679

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	New A/C Maintenance Dock	0.305
ALC	Hydraulics Reconfig	0.968
ALC	QL Facilities	15.4
ALC	Instruments	0.525
ALC	New/Renovate Admin Space	3.51
Subtotal		20.708

**GAINING BASE: ROBINS**

Unit	Description	Cost (\$M)
ALC	New/Renovate Admin Space	0.83
Subtotal		0.83

Facilities Total: 54.217

**GRAND TOTAL: \$ 54.22 M**

ALC FACILITY SHUTDOWN: 3.432M sq ft (ONLY REFLECTS DEPT AV AREAS)\*  
 SOURCE: LTC PITENOR, AF/LGMM, EXTRACTED FROM JC36-D7 CERTIFIED DATA

\* ADD SPACE FOR MATERIAL MGT + OVERHEAD: 3477 people \* 162 sq ft = 563,274 sq ft  
 SOURCE: SEE ATCH 3 OF MEMO.

TOTAL ALC FACILITY SHUTDOWN: 3.995M sq ft

FOR OFFICIAL USE ONLY

**1 Time Unique Costs**

Production Transition Costs	\$53,824,013
Environmental Studies	\$ 3,000,000
Civilian Terminal Leave	\$2,690,172
Rearrangement Costs	\$ 3,729,190
Install Test Equipment at Hill.	\$ 27,000
Install Software at Hill.	\$ 200,000
Activate Outside Range at Hill.	\$ 200,000
Sub-Total	\$63,670,375
Shutdown Neutron Radiography Facility	\$20,072,996
Base Conversion Agency Costs	\$0
	<u>\$83,743,371</u>

**SOURCE:**

PTC Spreadsheet  
Updated input. 4 EAs (750K ea)  
Updated input based on new manpower data  
AFMC 21 Certified Data  
AFMC 21 Certified Data  
AFMC 21 Certified Data  
AFMC 21 Certified Data

Added to Last Year.  
Updated input. Per LTC O'Neill, AF/RTT,  
delete BCA costs if installation remains open.

**Time Phasing**

FY96	5%	\$ 3,183,519
FY97	10%	\$ 6,367,038
FY98	25%	\$ 15,917,594
FY99	30%	\$ 19,101,113
FY00	25%	\$ 15,917,594
FY01	5%	\$ 23,256,515
Total	100%	\$ 83,743,371

**1 Time Moving Costs**

\$135,632,576  
\$ 700,000  
\$136,332,576

Source: Eqpt Transportation Spreadsheet  
Source: AFMC 21 Certified Data. "Relocate Cold Proof Eqpt to Hill"

**Time Phasing**

FY96	5%	\$ 6,816,629
FY97	10%	\$ 13,633,258
FY98	25%	\$ 34,083,144
FY99	30%	\$ 40,899,773
FY00	25%	\$ 34,083,144
FY01	5%	\$ 6,816,629
Total	100%	\$ 136,332,576

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

Starting Year : 1996  
 Final Year : 1996  
 ROI Year : Never

NPV in 2015 (\$K): 33,943  
 1-Time Cost (\$K): 35,730

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	14,717	3,275	4,366	6,004	3,002	4,366	35,730	0
Person	0	0	0	0	0	0	0	0
Overhd	0	0	13	19	21	25	79	25
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
<b>TOTAL</b>	<b>14,717</b>	<b>3,275</b>	<b>4,380</b>	<b>6,023</b>	<b>3,023</b>	<b>4,392</b>	<b>35,809</b>	<b>25</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
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
<b>POSITIONS REALIGNED</b>							
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:

Assumptions:

This data file reflects the additional MILCON requirements resulting from the dual depot closure scenario. Only additional MILCON requirements are reflected in this data file. No personnel movements or other costs are shown.

**DUAL CLOSURE**  
**ADDITIVE FILE (FILE 4 of 4)**



TOTAL ONE-TIME COST REPORT (COBRA v5.08)

Data As Of 17:52 04/04/1995, Report Created 18:10 04/04/1995

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SPF

(All values in Dollars)

Category	Cost	Sub-Total
<b>Construction</b>		
Military Construction	35,730,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		<b>35,730,000</b>
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		<b>0</b>
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		<b>0</b>
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		<b>0</b>
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		<b>0</b>
<b>Total One-Time Costs</b>		<b>35,730,000</b>
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
<b>Total Net One-Time Costs</b>		<b>35,730,000</b>

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
----- (\$K) -----	----	----	----	----	----	----	----
CONSTRUCTION							
MILCON	14,717	3,275	4,366	6,004	3,002	4,366	35,730
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
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
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hire	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
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	14,717	3,275	4,366	6,004	3,002	4,366	35,730



Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	----	
<b>CONSTRUCTION</b>								
MILCON	14,717	3,275	4,366	6,004	3,002	4,366	35,730	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>14,717</b>	<b>3,275</b>	<b>4,366</b>	<b>6,004</b>	<b>3,002</b>	<b>4,366</b>	<b>35,730</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	0	13	19	21	25	79	25
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>19</b>	<b>21</b>	<b>25</b>	<b>79</b>	<b>25</b>
<b>TOTAL NET COST</b>	<b>14,717</b>	<b>3,275</b>	<b>4,380</b>	<b>6,023</b>	<b>3,023</b>	<b>4,392</b>	<b>35,809</b>	<b>25</b>

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

Assumptions:

This data file reflects the additional MILCON requirements resulting from the dual depot closure scenario. Only additional MILCON requirements are reflected in this data file. No personnel movements or other costs are shown.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
KELLY, TX	TINKER, OK	488 mi

INPUT SCREEN THREE - MOVEMENT TABLE

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: KELLY, TX

Total Officer Employees:	843	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	4,166	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	14,095	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MCCLELLAN, CA

Total Officer Employees:	449	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,325	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	8,882	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126		
Per Diem Rate (\$/Day):	101	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19		
Per Diem Rate (\$/Day):	77	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ATC\ADD-0404.CBR  
 Std Fcrls File : C:\COBRA508\AF-ONLY\DEPOT.SPF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Reqcd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	100%	100%	100%	100%	100%	100%	100%
Shutdown Schedule (%)	100%	100%	100%	100%	100%	100%	100%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil Shutdown(KSF)	0	0	0	0	0	0	0
Name: KELLY, TX		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Reqcd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	100%	100%	100%	100%	100%	100%	100%
Shutdown Schedule (%)	100%	100%	100%	100%	100%	100%	100%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil Shutdown(KSF)	0	0	0	0	0	0	0
Name: MCCLELLAN, CA		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0	0
Env Non-MilCon Reqcd (\$K)	0	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0	0
Construction Schedule (%)	100%	100%	100%	100%	100%	100%	100%
Shutdown Schedule (%)	100%	100%	100%	100%	100%	100%	100%
MilCon Cost Avoidnc (\$K)	0	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0	0
Facil Shutdown(KSF)	0	0	0	0	0	0	0

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: HILL, UT

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Add'l new Admin Spac	OTHER	74,528	0	7,900
Add'l Dorm Space	BACHQ	3,200	0	540

Name: TINKER, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
TTB Hangar	MAINT	100,000	0	12,580
Add'l Dorm Space	BACHQ	4,600	0	700
Add'l Admin Space	OTHER	140,778	0	14,010

Department : Air Force  
 Option Package : Dual Closure Additiv  
 Scenario File : C:\COBRA508\ALC\ADD-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
		2000: 3.00%	2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyard Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Dual Closure - ALC Only MILCON

Purpose: Summarize additive MILCON Requirements for Dual Closure of SA-ALC and SM-ALC.

Source: AFMC21, AF/CEP, AF/CEH, and AF/LGM Inputs

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	Add'l New MILCON for Admin	7.9
	Additional Dorm Space for Enlisted	0.54
	Subtotal	8.44

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
	TTB Hangar	12.58
ALC	Add'l New MILCON for Admin	14.01
	Additional Dorm Space for Enlisted	0.7
	Subtotal	27.29

**GAINING BASE: ROBINS**

Unit	Description	Cost (\$M)
ALC	Add'l New MILCON for Admin	0
	Additional Dorm Space for Enlisted	0
	Subtotal	0

Facilities Total: 35.73

**GRAND TOTAL: \$ 35.73 M**

This MILCON sheet identifies the additional MILCON resulting from a dual closure scenario. These costs are ADDITIVE to the ones reflected in the individual closure COBRA runs. The TTB Hangar cost of \$12.58M was provided by LTC Pitcher, LGMM. The remaining costs were calculated as such:

**Add'l New MILCON for Admin at Hill** --- Alternative 1 reflects a cost of \$2.08M for this category and Alternative 2 reflects a cost of \$18.2M. The combined total currently reflected in the data files is \$20.28M. AF/CEP identified a MILCON bill of \$28.18M for the dual closure scenario. As a result, an additional \$7.9M must be entered into the additive file. AF/CEPP also identified additional dorm space for incoming enlisted personnel (\$540K).

**Add'l New MILCON for Admin at Tinker** --- Alternative 1 reflects a cost of \$26.22M for this category and Alternative 2 reflects a cost of \$3.51M. The combined total currently reflected in the data files is \$29.73M; however, AF/CEP identified a MILCON bill of \$43.74M for the dual closure scenario. As a result, an additional \$14.01M must be entered into the additive file. AF/CEPP also identified additional dorm space for incoming enlisted personnel (\$700K).

Document Separator

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2024 (23 Years)

NPV in 2015(\$K): 127,431  
 1-Time Cost(\$K): 456,902

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	22,588	11,785	15,713	21,606	10,803	15,713	98,208	0
Person	1,152	2,291	5,694	6,580	5,106	-11,241	9,583	-25,701
Overhd	1,016	2,185	2,042	2,526	2,191	18	9,980	-2,548
Moving	10,744	21,393	53,418	64,120	53,399	15,361	218,436	0
Missio	0	0	0	0	0	0	0	0
Other	5,302	10,602	26,501	31,801	26,499	5,657	106,361	0
<b>TOTAL</b>	<b>40,802</b>	<b>48,257</b>	<b>103,369</b>	<b>126,633</b>	<b>97,998</b>	<b>25,509</b>	<b>442,568</b>	<b>-28,249</b>

POSITIONS ELIMINATED	1996						Total
	1996	1997	1998	1999	2000	2001	
Off	0	0	0	0	0	10	10
Enl	0	0	0	0	0	16	16
Civ	0	0	0	0	0	498	498
TOT	0	0	0	0	0	524	524

POSITIONS REALIGNED	1996						Total
	1996	1997	1998	1999	2000	2001	
Off	9	17	39	47	39	7	158
Enl	15	28	66	78	60	13	260
Stu	0	0	0	0	0	0	0
Civ	392	783	1,955	2,346	1,955	384	7,815
TOT	416	828	2,060	2,471	2,054	404	8,233

Summary:

Assumptions:

SA-ALC closes. Remainder of Kelly AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised data from AF/PEP, AF/CEPP, and AF/LGMM.

**CLOSE SA-ALC.**

**KELLY AFB REMAINS OPEN.**

Department : Air Force  
 Option Package : Kelly-Move ALC Only  
 Scenario File : C:\COBRA508\ALC\KEL-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	22,588	11,785	15,713	21,606	10,803	15,713	98,208	0
Person	1,319	2,772	6,904	8,659	7,878	3,993	31,526	1,830
Overhd	1,016	2,901	3,954	6,155	8,082	8,637	30,745	6,951
Moving	10,782	21,464	53,583	64,316	53,555	15,393	219,092	0
Missio	0	0	0	0	0	0	0	0
Other	5,302	10,602	26,501	31,801	26,499	5,657	106,361	0
<b>TOTAL</b>	<b>41,007</b>	<b>49,523</b>	<b>106,655</b>	<b>132,538</b>	<b>106,816</b>	<b>49,393</b>	<b>485,933</b>	<b>8,781</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	167	480	1,210	2,079	2,772	15,235	21,943	27,531
Overhd	0	716	1,912	3,629	5,891	8,618	20,765	9,499
Moving	38	71	165	196	155	31	656	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>205</b>	<b>1,266</b>	<b>3,286</b>	<b>5,905</b>	<b>8,818</b>	<b>23,884</b>	<b>43,365</b>	<b>37,030</b>

TOTAL ONE-TIME COST REPORT (COBRA v5.08)  
 Data As Of 17:27 04/04/1995, Report Created 17:51 04/04/1995

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	54,217,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		54,217,000
<b>Personnel</b>		
Civilian RIF	6,748,631	
Civilian Early Retirement	2,611,019	
Civilian New Hires	8,348,000	
Eliminated Military PCS	180,215	
Unemployment	1,161,972	
<b>Total - Personnel</b>		19,049,837
<b>Overhead</b>		
Program Planning Support	3,773,523	
Mothball / Shutdown	4,993,750	
<b>Total - Overhead</b>		8,767,273
<b>Moving</b>		
Civilian Moving	113,379,267	
Civilian PPS	3,225,600	
Military Moving	1,993,548	
Freight	2,039,414	
One-Time Moving Costs	136,333,000	
<b>Total - Moving</b>		256,970,829
<b>Other</b>		
HAP / RSE	6,678,896	
Environmental Mitigation Costs	0	
One-Time Unique Costs	83,745,000	
<b>Total - Other</b>		90,423,896
<b>Total One-Time Costs</b>		<b>429,428,836</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	645,270	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>645,270</b>
<b>Total Net One-Time Costs</b>		<b>428,783,566</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Pctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
----- (\$K) -----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	12,470	6,506	8,675	11,928	5,964	8,675	54,217
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	309	655	1,582	1,910	1,582	709	6,749
Civ Retire	126	248	613	739	613	273	2,611
<b>CIV MOVING</b>							
Per Diem	558	1,114	2,789	3,344	2,789	594	11,189
POV Miles	34	67	169	204	169	34	678
Home Purch	2,236	4,460	11,168	13,391	11,168	2,368	44,791
HHG	1,297	2,586	6,478	7,769	6,478	1,368	25,975
Misc	131	261	654	784	654	138	2,622
House Hunt	449	896	2,246	2,694	2,246	472	9,004
PPS	0	0	0	0	0	3,225	3,225
RITA	954	1,904	4,767	5,717	4,767	1,010	19,120
<b>FREIGHT</b>							
Packing	52	103	258	310	257	52	1,033
Freight	5	10	26	31	26	5	104
Vehicles	37	75	188	226	188	37	753
Driving	7	15	37	45	36	7	149
Unemployment	53	113	272	329	272	122	1,162
<b>OTHER</b>							
Program Plan	1,148	861	645	484	363	272	3,773
Shutdown	0	1,148	599	799	1,099	1,348	4,994
New Hire	424	848	2,100	2,524	2,100	352	8,348
1-Time Move	6,817	13,633	34,083	40,900	34,083	6,817	136,333
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	6	11	26	32	24	3	102
POV Miles	4	8	19	24	17	2	75
HHG	87	161	392	475	373	40	1,529
Misc	16	30	73	89	71	8	288
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	180	180
<b>OTHER</b>							
HAP / RSE	316	631	1,571	1,887	1,569	704	6,679
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	3,184	6,367	15,918	19,101	15,918	23,257	83,745
<b>TOTAL ONE-TIME</b>	<b>30,723</b>	<b>42,713</b>	<b>95,352</b>	<b>115,735</b>	<b>92,829</b>	<b>52,077</b>	<b>429,429</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(SK)----	----	----	----	----	----	----	----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	253	750	1,966	3,386	4,536	4,752	15,643	4,752
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	111	300	752	1,289	1,714	1,761	5,928	1,761
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	363	1,051	2,718	4,675	6,250	6,813	21,871	6,813
TOTAL COST	31,086	43,764	98,070	120,410	99,079	58,890	451,299	6,813
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(SK)----	----	----	----	----	----	----	----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	36	67	165	199	158	19	645	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	36	67	165	199	158	19	645	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(SK)----	----	----	----	----	----	----	----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	210	532	790	1,142	1,599	4,273	1,852
BOS	0	339	1,026	2,835	5,234	8,126	17,561	8,616
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	8,675	8,675	17,351
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	354	354	708
Enl Salary	0	0	0	0	0	307	307	614
House Allow	173	496	1,284	2,237	2,994	3,122	10,306	3,122
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	173	1,045	2,842	5,862	9,370	22,185	41,477	32,265
TOTAL SAVINGS	209	1,113	3,007	6,062	9,529	22,203	42,111	32,265

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	12,470	6,506	8,675	11,928	5,964	8,675	54,217	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	435	902	2,195	2,649	2,195	982	9,360	
Civ Moving	5,762	11,493	28,781	34,515	28,779	9,314	118,644	
Other	8,442	16,603	37,700	45,036	37,917	8,912	154,610	
<b>MIL PERSONNEL</b>								
Mil Moving	77	143	346	420	327	214	1,528	
<b>OTHER</b>								
HAP / RSE	316	631	1,571	1,887	1,569	704	6,679	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	3,184	6,367	15,918	19,101	15,918	23,257	83,745	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>30,687</b>	<b>42,646</b>	<b>95,187</b>	<b>115,535</b>	<b>92,670</b>	<b>52,058</b>	<b>428,783</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	-210	-532	-790	-1,142	-1,599	-4,273	-1,852
BCS	253	411	939	552	-698	-3,375	-1,918	-3,864
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	-8,675	-8,675	-17,351
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	-661	-661	-1,322
House Allow	-62	-195	-531	-949	-1,280	-1,361	-4,379	-1,361
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>190</b>	<b>5</b>	<b>-124</b>	<b>-1,187</b>	<b>-3,120</b>	<b>-15,372</b>	<b>-19,607</b>	<b>-25,452</b>
<b>TOTAL NET COST</b>	<b>30,877</b>	<b>42,651</b>	<b>95,063</b>	<b>114,348</b>	<b>89,550</b>	<b>36,686</b>	<b>409,177</b>	<b>-25,452</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

Assumptions:

SM-ALC closes. Remainder of McClellan AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised data from AF/PEP, AF/CEPP, and AF/LGMM.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	MCCLELLAN, CA	671 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MCCLELLAN, CA to HILL, UT

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	5	10	25	30	25	2
Enlisted Positions:	10	19	48	57	48	8
Civilian Positions:	205	409	1,021	1,225	1,021	202
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	12	24	61	73	60	12
Heavy/Special Vehicles:	19	37	93	112	93	19

Transfers from MCCLELLAN, CA to ROBINS, GA

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	1	1	2	3	0	0
Enlisted Positions:	1	2	4	5	2	0
Civilian Positions:	15	30	73	88	73	13
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	1	2	4	5	4	1
Heavy/Special Vehicles:	1	3	7	8	7	1

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MCCLELLAN, CA to TINKER, OK

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	2	4	9	11	9	0
Enlisted Positions:	4	7	17	21	17	2
Civilian Positions:	73	146	365	438	365	71
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	4	9	22	26	21	4
Heavy/Special Vehicles:	7	13	33	40	33	7

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	98	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: MCCLELLAN, CA

Total Officer Employees:	476	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,497	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	9,237	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19		
Per Diem Rate (\$/Day):	77	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req'd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil Shutdown(KSF):	0					Perc Family Housing ShutDown: 0.0%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
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 Reqcd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	3,184	6,367	15,918	19,101	15,918	23,257
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	6,817	13,633	34,083	40,900	34,083	6,817
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqcd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	300
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	3,995	Perc Family Housing ShutDown:				0.0%

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
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 Reqcd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: LINKER, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K)	0	0	0	0	0	0
1-Time Unique Save (\$K)	0	0	0	0	0	0
1-Time Moving Cost (\$K)	0	0	0	0	0	0
1-Time Moving Save (\$K)	0	0	0	0	0	0
Env Non-Milcon Req'd (\$K)	0	0	0	0	0	0
Activ Mission Cost (\$K)	0	0	0	0	0	0
Activ Mission Save (\$K)	0	0	0	0	0	0
Misc Recurring Cost (\$K)	0	0	0	0	0	0
Misc Recurring Save (\$K)	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K)	0	0	0	0	0	0
Construction Schedule (%)	23%	12%	16%	22%	11%	16%
ShutDown Schedule (%)	100%	0%	0%	0%	0%	0%
Milcon Cost Avoidnc (\$K)	0	0	0	0	0	0
Fam Housing Avoidnc (\$K)	0	0	0	0	0	0
Procurement Avoidnc (\$K)	0	0	0	0	0	0
CHAMPUS In-Patients/Yr	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr	0	0	0	0	0	0
Facil ShutDown(KSF)	0	0	0	0	0	0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
Off Force Struc Change	18	0	0	0	0	0
Enl Force Struc Change	265	0	0	0	0	0
Civ Force Struc Change	-705	0	0	0	0	0
Stu Force Struc Change	0	0	0	0	0	0
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 Change(No Sal Save)	0	0	0	0	0	0
Enl Change(No Sal Save)	0	0	0	0	0	0
Civ Change(No Sal Save)	0	0	0	0	0	0
Careakers - Military	0	0	0	0	0	0
Careakers - Civilian	0	0	0	0	0	0

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change	0	-52	0	0	0	0
Enl Force Struc Change	0	-229	0	0	0	0
Civ Force Struc Change	0	-1,163	0	0	0	0
Stu Force Struc Change	0	0	0	0	0	0
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 Change(No Sal Save)	0	0	0	0	0	0
Enl Change(No Sal Save)	0	0	0	0	0	0
Civ Change(No Sal Save)	0	0	0	0	0	0
Careakers - Military	0	0	0	0	0	0
Careakers - Civilian	0	0	0	0	0	0

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-18	0	0	0	0
Enl Force Struc Change:	0	-200	0	0	0	0
Civ Force Struc Change:	0	-1,366	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	-9
Enl Scenario Change:	0	0	0	0	0	-17
Civ Scenario Change:	0	0	0	0	0	-372
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	262	0	0	0	0
Enl Force Struc Change:	0	502	0	0	0	0
Civ Force Struc Change:	0	-1,249	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-151	0	0	0	0
Enl Force Struc Change:	0	-68	0	0	0	0
Civ Force Struc Change:	0	-730	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: HILL, UT

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
346 Story Tower	OTHER	0	0	1,500
40000 sf High Bay	OTHER	0	0	8,200
Renovate Bldg 100c	OTHER	0	0	70
Renovate Bldg 5N	OTHER	0	0	1,543
Construct Test P	OTHER	0	0	365
Tower Supports	OTHER	0	0	251
Renovate Bldg 265	OTHER	0	0	1,300
Construct Test Cells	OTHER	0	0	300
moved to 1 time unique				
moved to 1 time moving cost				
Renovate Bldg 11	OTHER	0	0	950
moved to 1 time unique				
moved to 1 time unique				
New/Renovate Admin	OTHER	0	71,300	18,200

Name: ROBINS, GA

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
New/Renovate Admin	OTHER	0	14,094	830

Name: TINKER, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
New A/C Maint Dock	OTHER	0	0	305
Hydraulics Reconfig	OTHER	0	0	968
QL Facilities	OTHER	0	0	15,400
Instruments	OTHER	0	0	525
New/Renovate Admin	OTHER	0	70,389	3,510

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
		2000: 3.00%	2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HNG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HNG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HNG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HNG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HNG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

## COBRA MANPOWER IMPACT SHEET

BASE: MCCLELLAN - ALC Only

DESCRIPTION: Close Sacramento ALC. Remainder of McClellan AFB stays open. Assumes F-111 workload is phased out. SM-ALC workload moved to OO-ALC (70%), OC-ALC (25%), and WR-ALC (5%).

	Officer	Amn	Civilians	Total	Source
94/4 AF Base Population	449	2325	8882	11656	BRAC95 Manpower Baseline 12/02/94, TAB 2
<b>Non-AF Tenant Population</b>					
1. Defense Logistics Agency	0	0	225	603	All tenant data from AF/PEP, TAB 2
2. Defense Commissary Agency	0	0	0	0	
3. DFAS	1	8	130	139	
4. U.S. Coast Guard	26	164	0	190	
	27	172	355	554	
<b>Total Base Population</b>	<b>476</b>	<b>2497</b>	<b>9237</b>	<b>12588</b>	Screen 4 input
97/4 Adj Base Pop	431	2125	7516	10072	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
Non-AF Tenants	27	172	355	554	(Total from above)
97/4 Adj Total Base Population	458	2297	7871	10626	97/4 Adj Base population plus tenants
<b>Force Structure Changes</b>	<b>-18</b>	<b>-200</b>	<b>-1366</b>	<b>-1584</b>	97/4 Adj total pop minus 94/4 total base pop. Screen 6 input.
<b>ALC &amp; BOS Eliminations</b>	<b>-9</b>	<b>-17</b>	<b>-372</b>	<b>-398</b>	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
<b>Total ALC &amp; BOS Moves</b>	<b>139</b>	<b>272</b>	<b>5833</b>	<b>6244</b>	BRAC Manpower Impact WS, dated 3/30/95, TAB 2

### ALC & BOS MOVES

Officers	139		
Enlisted	272		
Civilians	5833		
Total	6244		
		Source: BRAC95 Manpower Impact Worksheet Dated 3/30/95, provided by LTC Callahan, AF/PEP. Manpower figures reflect FY97/4 endstrength	
<b>Workload Transfer Percentages</b>			
Hill	70.0%		
Tinker	25.0%		
Robins	5.0%		
	100%		
		Source: FY99 workload percentages provided by LTC Pitcher	
Transfer to:		5%	10%
Hill		25%	30%
		25%	5%
		1996	1997
	Officers	5	10
	Enlisted	10	19
	Civilians	205	409
		1021	1225
		1021	202
			4083
			4370
Transfer to:		5%	10%
Tinker		25%	30%
		25%	5%
		1996	1997
	Officers	2	4
	Enlisted	4	7
	Civilians	73	146
		365	438
		365	71
			1458
			1561
Transfer to:		5%	10%
Robins		25%	30%
		25%	5%
		1996	1997
	Officers	1	1
	Enlisted	1	2
	Civilians	15	30
		73	88
		73	13
			292
			313

## BRAC95 MANPOWER IMPACT WORKSHEET

BASE: McClellan

ALC moves

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
<b>ADJUSTED BASELINE POPULATION</b>	431	2,125	7,516	10,072	261	10,333
SACRAMENTO ALC (per Aug 94 mpwr file)	162	184	5912	6,258	0	6,258
less Embedded support manpower	<u>-19</u>	<u>-14</u>	<u>-79</u>	<u>-112</u>	0	<u>-112</u>
ALC manpower to move	143	170	5833	6146	0	6146

**MANPOWER IMPACTS**

MOVE SAN ANTONIO ALC	-134	-160	-5483	-5777	0	-5777
BOS tail	-5	-112	-350	-467	0	-467
ALC overhead consolidation savings (6%)	-9	-10	-350	-369	0	-369
BOS tail	0	-7	-22	-29	0	-29
<b>NET SAVINGS (INCL DEPOT)</b>	<b>-9</b>	<b>-17</b>	<b>-372</b>	<b>-398</b>	<b>0</b>	<b>-398</b>
<b>MANPOWER REMAINING ON BASE</b>	<b>283</b>	<b>1,836</b>	<b>1,311</b>	<b>3,430</b>	<b>261</b>	<b>3,691</b>
<b>SUPPORT MANPOWER REMAINING</b>	<b>217</b>	<b>959</b>	<b>866</b>	<b>2,042</b>	<b>0</b>	<b>2,042</b>

McClellan - ALC Only MILCON

Purpose: Summarize MILCON Requirements for closing SM-ALC. McClellan AFB remains open and non-ALC (with the exception of BOS) are not impacted.

Sources: AFRES, AFMC21, AF/CEP, and AF/LGM Inputs

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	3&6 Story Tower	1.5
ALC	40000 sf High Bay	8.2
ALC	Renovate Bldg 100C	0.07
ALC	Renovate Bldg 5N	1.543
ALC	Construct Test Platform	0.365
ALC	Tower Supports	0.251
ALC	Renovate Bldg 265	1.3
ALC	Construct Test Cells	0.3
ALC	Renovate Bldg 11	0.95
ALC	New/Renovate Admin Space	18.2
Subtotal		32.679

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	New A/C Maintenance Dock	0.305
ALC	Hydraulics Reconfig	0.968
ALC	QL Facilities	15.4
ALC	Instruments	0.525
ALC	New/Renovate Admin Space	3.51
Subtotal		20.708

**GAINING BASE: ROBINS**

Unit	Description	Cost (\$M)
ALC	New/Renovate Admin Space	0.83
Subtotal		0.83

Facilities Total: 54.217

**GRAND TOTAL: \$ 54.22 M**

ALC FACILITY SHUTDOWN: 3.432M sq ft (ONLY REFLECTS DEPOT MY AREAS) \*  
 SOURCE: LTC PITNEY, AF/LGMM, EXTRACTED FROM JC56-DM CERTIFIED DATA

\* ADD SPACE FOR MATERIAL MGT + OVERHEAD: 3477 sq ft + 162 sq ft = 563,274 sq ft  
 SOURCE: SEE ATCH 3 OF MEMO.

**TOTAL ALC FACILITY SHUTDOWN: 3.995M sq ft**

### 1 Time Unique Costs

Production Transition Costs	\$53,824,013
Environmental Studies	\$ 3,000,000
Civilian Terminal Leave	\$2,690,172
Rearrangement Costs	\$ 3,729,190
Install Test Equipment at Hill.	\$ 27,000
Install Software at Hill.	\$ 200,000
Activate Outside Range at Hill.	\$ 200,000
Sub-Total	<u>\$63,670,375</u>
Shutdown Neutron Radiography Facility	\$20,072,996
Base Conversion Agency Costs	\$0
	<u>\$83,743,371</u>

SOURCE:

PTC Spreadsheet  
 Updated input. 4 EAs (750K ea)  
 Updated input based on new manpower data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data

Added to Last Year.  
 Updated input. Per LTC O'Neill, AF/RTT,  
 delete BCA costs if installation remains open.

Time Phasing

FY96	5%	\$ 3,183,519
FY97	10%	\$ 6,367,038
FY98	25%	\$ 15,917,594
FY99	30%	\$ 19,101,113
FY00	25%	\$ 15,917,594
FY01	5%	\$ 23,256,515
Total	100%	\$ 83,743,371

### 1 Time Moving Costs

\$135,632,576
<u>\$ 700,000</u>
\$136,332,576

Source: Eqpt Transportation Spreadsheet  
 Source: AFMC 21 Certified Data. "Relocate Cold Proof Eqpt to Hill"

Time Phasing

FY96	5%	\$ 6,816,629
FY97	10%	\$ 13,633,258
FY98	25%	\$ 34,083,144
FY99	30%	\$ 40,899,773
FY00	25%	\$ 34,083,144
FY01	5%	\$ 6,816,629
Total	100%	\$ 136,332,576

Document Separator

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2025 (24 Years)

NPV in 2015(\$K): 123,162  
 1-Time Cost(\$K): 429,429

Net Costs (\$K) Constant Dollars	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	12,470	6,506	8,675	11,928	5,964	8,675	54,217	0
Person	850	1,668	4,036	4,553	3,288	-9,061	5,334	-20,035
Overhd	1,400	2,210	1,652	1,045	-379	-3,053	2,876	-5,417
Moving	12,656	25,269	63,210	75,835	63,189	16,165	256,325	0
Missio	0	0	0	0	0	0	0	0
Other	3,500	6,998	17,489	20,988	17,487	23,961	90,424	0
<b>TOTAL</b>	<b>30,877</b>	<b>42,651</b>	<b>95,063</b>	<b>114,348</b>	<b>89,550</b>	<b>36,686</b>	<b>409,177</b>	<b>-25,452</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	9	9
Enl	0	0	0	0	0	17	17
Civ	0	0	0	0	0	372	372
TOT	0	0	0	0	0	398	398

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	8	15	36	44	34	2	139
Enl	15	28	69	83	67	10	272
Stu	0	0	0	0	0	0	0
Civ	293	585	1,459	1,751	1,459	286	5,833
TOT	316	628	1,564	1,878	1,560	298	6,244

Summary:

Assumptions:

SM-ALC closes. Remainder of McClellan AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised data from AF/PEP, AF/CEPP, and AF/LGMM.

**CLOSE SM-ALC.**

**MCCLELLAN AFB REMAINS OPEN.**

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SPF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	12,470	6,506	8,675	11,928	5,964	8,675	54,217	0
Person	1,023	2,164	5,320	6,790	6,282	3,398	24,977	1,761
Overhd	1,400	2,759	3,211	4,670	5,997	6,672	24,710	5,052
Moving	12,692	25,337	63,375	76,035	63,348	16,184	256,971	0
Missio	0	0	0	0	0	0	0	0
Other	3,500	6,998	17,489	20,988	17,487	23,961	90,424	0
<b>TOTAL</b>	<b>31,086</b>	<b>43,764</b>	<b>98,070</b>	<b>120,410</b>	<b>99,079</b>	<b>58,890</b>	<b>451,299</b>	<b>6,813</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	173	496	1,284	2,237	2,994	12,459	19,643	21,796
Overhd	0	549	1,558	3,625	6,376	9,725	21,834	10,469
Moving	36	67	165	199	158	19	645	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>209</b>	<b>1,113</b>	<b>3,007</b>	<b>6,062</b>	<b>9,529</b>	<b>22,203</b>	<b>42,123</b>	<b>32,265</b>

TOTAL ONE-TIME COST REPORT (COBRA v5.08)  
 Data As Of 17:27 04/04/1995, Report Created 17:51 04/04/1995

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	54,217,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		54,217,000
<b>Personnel</b>		
Civilian RIF	6,748,631	
Civilian Early Retirement	2,611,019	
Civilian New Hires	8,348,000	
Eliminated Military PCS	180,215	
Unemployment	1,161,972	
<b>Total - Personnel</b>		19,049,837
<b>Overhead</b>		
Program Planning Support	3,773,523	
Mothball / Shutdown	4,993,750	
<b>Total - Overhead</b>		8,767,273
<b>Moving</b>		
Civilian Moving	113,379,267	
Civilian PPS	3,225,600	
Military Moving	1,993,548	
Freight	2,039,414	
One-Time Moving Costs	136,333,000	
<b>Total - Moving</b>		256,970,829
<b>Other</b>		
HAP / RSE	6,678,896	
Environmental Mitigation Costs	0	
One-Time Unique Costs	83,745,000	
<b>Total - Other</b>		30,423,896
<b>Total One-Time Costs</b>		429,428,835
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	645,270	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		645,270
<b>Total Net One-Time Costs</b>		428,783,566

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	12,470	6,506	8,675	11,928	5,964	8,675	54,217
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	309	655	1,582	1,910	1,582	709	6,749
Civ Retire	126	248	613	739	613	273	2,611
<b>CIV MOVING</b>							
Per Diem	558	1,114	2,789	3,344	2,789	594	11,189
POV Miles	34	67	169	204	169	34	678
Home Purch	2,236	4,460	11,168	13,391	11,168	2,368	44,791
HHG	1,297	2,586	6,478	7,769	6,478	1,368	25,975
Misc	131	261	654	784	654	138	2,622
House Hunt	449	896	2,246	2,694	2,246	472	9,004
PPS	0	0	0	0	0	3,225	3,225
RITA	954	1,904	4,767	5,717	4,767	1,010	19,120
<b>FREIGHT</b>							
Packing	52	103	258	310	257	52	1,033
Freight	5	10	26	31	26	5	104
Vehicles	37	75	188	226	188	37	753
Driving	7	15	37	45	36	7	149
Unemployment	53	113	272	329	272	122	1,162
<b>OTHER</b>							
Program Plan	1,148	861	645	484	363	272	3,773
Shutdown	0	1,148	599	799	1,099	1,348	4,994
New Hire	424	848	2,100	2,524	2,100	352	8,348
1-Time Move	6,817	13,633	34,083	40,900	34,083	6,817	136,333
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	6	11	26	32	24	3	102
POV Miles	4	8	19	24	17	2	75
HHG	87	161	392	475	373	40	1,522
Misc	16	30	73	89	71	8	288
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	180	180
<b>OTHER</b>							
HAP / RSE	316	631	1,571	1,887	1,569	704	6,679
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	3,184	6,367	15,918	19,101	15,918	23,257	83,745
<b>TOTAL ONE-TIME</b>	<b>30,723</b>	<b>42,713</b>	<b>95,352</b>	<b>115,735</b>	<b>92,829</b>	<b>52,077</b>	<b>429,429</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	253	750	1,966	3,386	4,536	4,752	15,643	4,752
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	111	300	752	1,289	1,714	1,761	5,928	1,761
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	363	1,051	2,718	4,675	6,250	6,813	21,871	6,813
TOTAL COST	31,086	43,764	98,070	120,410	99,079	58,890	451,299	6,813
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
----(\$K)----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	36	67	165	199	158	19	645	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	36	67	165	199	158	19	645	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	210	532	790	1,142	1,599	4,273	1,852
BOS	0	339	1,026	2,835	5,234	8,126	17,561	8,616
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	8,675	8,675	17,351
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	354	354	708
Enl Salary	0	0	0	0	0	307	307	614
House Allow	173	496	1,284	2,237	2,994	3,122	10,306	3,122
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	173	1,045	2,842	5,862	9,370	22,185	41,477	32,265
TOTAL SAVINGS	209	1,113	3,007	6,062	9,529	22,203	42,123	32,265

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRAS08\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
----- (\$K) -----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	12,470	6,506	8,675	11,928	5,964	8,675	54,217	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	435	902	2,195	2,649	2,195	982	9,360	
Civ Moving	5,762	11,493	28,781	34,515	28,779	9,314	118,644	
Other	8,442	16,603	37,700	45,036	37,917	8,912	154,610	
<b>MIL PERSONNEL</b>								
Mil Moving	77	143	346	420	327	214	1,528	
<b>OTHER</b>								
HAP / RSE	316	631	1,571	1,887	1,569	704	6,679	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	3,184	6,367	15,918	19,101	15,918	23,257	83,745	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>30,687</b>	<b>42,646</b>	<b>95,187</b>	<b>115,535</b>	<b>92,670</b>	<b>52,058</b>	<b>428,783</b>	
<b>RECURRING NET</b>								
----- (\$K) -----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	-210	-532	-790	-1,142	-1,599	-4,273	-1,852
BOS	253	411	939	552	-698	-3,375	-1,918	-3,864
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	-8,675	-8,675	-17,351
<b>CHAMPUS</b>								
MIL PERSONNEL	0	0	0	0	0	0	0	0
Mil Salary	0	0	0	0	0	-661	-661	-1,322
House Allow	-62	-195	-531	-949	-1,280	-1,361	-4,379	-1,361
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	300	300	300
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>190</b>	<b>5</b>	<b>-124</b>	<b>-1,187</b>	<b>-3,120</b>	<b>-15,372</b>	<b>-19,607</b>	<b>-25,452</b>
<b>TOTAL NET COST</b>	<b>30,877</b>	<b>42,651</b>	<b>95,063</b>	<b>114,348</b>	<b>89,550</b>	<b>36,686</b>	<b>409,177</b>	<b>-25,452</b>

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
HILL, UT	Realignment
KELLY, TX	Realignment
MCCLELLAN, CA	Realignment
ROBINS, GA	Realignment
TINKER, OK	Realignment

Summary:

Assumptions:

SM-ALC closes. Remainder of McClellan AFB stays open.  
 Updated manpower, MILCON, and one-time unique costs based on revised data from AF/PEP, AF/CEPP, and AF/LGMM.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	MCCLELLAN, CA	671 mi
KELLY, TX	MCCLELLAN, CA	1,733 mi
MCCLELLAN, CA	ROBINS, GA	2,570 mi
MCCLELLAN, CA	TINKER, OK	1,641 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MCCLELLAN, CA to HILL, UT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	5	10	25	30	25	2
Enlisted Positions:	10	19	48	57	48	8
Civilian Positions:	205	409	1,021	1,225	1,021	202
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	12	24	61	73	60	12
Heavy/Special Vehicles:	19	37	93	112	93	19

Transfers from MCCLELLAN, CA to ROBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	1	1	2	3	0	0
Enlisted Positions:	1	2	4	5	2	0
Civilian Positions:	15	30	73	88	73	13
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	1	2	4	5	4	1
Heavy/Special Vehicles:	1	3	7	8	7	1

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MCCLELLAN, CA to TINKER, OK

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	2	4	9	11	9	0
Enlisted Positions:	4	7	17	21	17	2
Civilian Positions:	73	146	365	438	365	71
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	4	9	22	26	21	4
Heavy/Special Vehicles:	7	13	33	40	33	7

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	617	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,949	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	8,691	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.91
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: KELLY, TX

Total Officer Employees:	801	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,419	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	12,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.84
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: MCCLELLAN, CA

Total Officer Employees:	476	RPMA Non-Payroll (\$K/Year):	5,663
Total Enlisted Employees:	2,497	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	9,237	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0%	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.24
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	11,516	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	168	Activity Code:	58
Enlisted VHA (\$/Month):	126		
Per Diem Rate (\$/Day):	101	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: ROBINS, GA

Total Officer Employees:	739	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,269	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,119	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.85
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	56	Activity Code:	76
Enlisted VHA (\$/Month):	35	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: TINKER, OK

Total Officer Employees:	1,430	RPMA Non-Payroll (\$K/Year):	3,616
Total Enlisted Employees:	5,995	Communications (\$K/Year):	6,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,012
Total Civilian Employees:	11,678	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	7.5%	Family Housing (\$K/Year):	3,068
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.90
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	14,607	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	16	Activity Code:	83
Enlisted VHA (\$/Month):	19	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	77	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
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 Regd (\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost (\$K):	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule (%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc (\$K):	0	0	0	0	0	0
Fam Housing Avoidnc (\$K):	0	0	0	0	0	0
Procurement Avoidnc (\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown (KSF):	0					Perc Family Housing ShutDown: 0.0%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	3,184	6,367	15,918	19,101	15,918	23,257
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	6,817	13,633	34,083	40,900	34,083	6,817
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	300
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	3,995	Perc Family Housing ShutDown:				0.0%

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
		Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	18	0	0	0	0
Enl Force Struc Change:	0	265	0	0	0	0
Civ Force Struc Change:	0	-705	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: KELLY, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-52	0	0	0	0
Enl Force Struc Change:	0	-229	0	0	0	0
Civ Force Struc Change:	0	-1,163	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION .

Name: MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-18	0	0	0	0
Enl Force Struc Change:	0	-200	0	0	0	0
Civ Force Struc Change:	0	-1,366	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	-9
Enl Scenario Change:	0	0	0	0	0	-17
Civ Scenario Change:	0	0	0	0	0	-372
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: ROBINS, GA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	262	0	0	0	0
Enl Force Struc Change:	0	502	0	0	0	0
Civ Force Struc Change:	0	-1,249	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: TINKER, OK

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-151	0	0	0	0
Enl Force Struc Change:	0	-68	0	0	0	0
Civ Force Struc Change:	0	-730	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
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 Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: HILL, UT

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
3&6 Story Tower	OTHER	0	0	1,500
40000 sf High Bay	OTHER	0	0	8,200
Renovate Bldg 100c	OTHER	0	0	70
Renovate Bldg 5N	OTHER	0	0	1,543
Construct Test P	OTHER	0	0	365
Tower Supports	OTHER	0	0	251
Renovate Bldg 265	OTHER	0	0	1,300
Construct Test Cells	OTHER	0	0	300
moved to 1 time unique				
moved to 1 time moving cost				
Renovate Bldg 11	OTHER	0	0	950
moved to 1 time unique				
moved to 1 time unique				
New/Renovate Admin	OTHER	0	71,300	18,200

Name: ROBINS, GA

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
New/Renovate Admin	OTHER	0	14,094	830

Name: TINKER, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
New A/C Maint Dock	OTHER	0	0	305
Hydraulics Reconfig	OTHER	0	0	968
QL Facilities	OTHER	0	0	15,400
Instruments	OTHER	0	0	525
New/Renovate Admin	OTHER	0	70,389	3,510

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary (\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents (\$):	7,073.00	Civilian New Hire Cost (\$):	4,000.00
Enlisted Salary (\$/Year):	36,148.00	Nat Median Home Price (\$):	114,600.00
Enl BAQ with Dependents (\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost (\$/Week):	174.00	Max Home Sale Reimburs (\$):	22,385.00
Unemployment Eligibility (Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary (\$/Year):	46,642.00	Max Home Purch Reimburs (\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAF Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

Department : Air Force  
 Option Package : Close SM-ALC  
 Scenario File : C:\COBRA508\ALC\MCC-0404.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\DEPOT.SFF

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)			
Program Management Factor:	10.00%	MilCon Design Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon SIOH Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Contingency Plan Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	MilCon Site Preparation Rate:	0.00%
Avg Family Quarters(SF):	1,320.00	Discount Rate for NPV.RPT/ROI:	2.75%
APPDET.RPT Inflation Rates:		Inflation Rate for NPV.RPT/ROI:	0.00%
1996:	0.00%	1997:	2.90%
1998:	3.00%	1999:	3.00%
2000:	3.00%	2001:	3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	Optional Category A	( )	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

## COBRA MANPOWER IMPACT SHEET

BASE: MCCLELLAN - ALC Only

DESCRIPTION: Close Sacramento ALC. Remainder of McClellan AFB stays open. Assumes F-111 workload is phased out. SM-ALC workload moved to OO-ALC (70%), OC-ALC (25%), and WR-ALC (5%).

	Officer	Amn	Civilians	Total	Source
94/4 AF Base Population	449	2325	8882	11656	BRAC95 Manpower Baseline 12/02/94, TAB 2
<b>Non-AF Tenant Population</b>					
1. Defense Logistics Agency	0	0	225	603	All tenant data from AF/PEP, TAB 2
2. Defense Commissary Agency	0	0	0	0	
3. DFAS	1	8	130	139	
4. U.S. Coast Guard	26	164	0	190	
	<u>27</u>	<u>172</u>	<u>355</u>	<u>554</u>	
<b>Total Base Population</b>	<b>476</b>	<b>2497</b>	<b>9237</b>	<b>12588</b>	Screen 4 input
97/4 Adj Base Pop	431	2125	7516	10072	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
Non-AF Tenants	27	172	355	554	(Total from above)
97/4 Adj Total Base Population	458	2297	7871	10626	97/4 Adj Base population plus tenants
<b>Force Structure Changes</b>	<b>-18</b>	<b>-200</b>	<b>-1366</b>	<b>-1584</b>	97/4 Adj total pop minus 94/4 total base pop. Screen 6 Input.
<b>ALC &amp; BOS Eliminations</b>	<b>-9</b>	<b>-17</b>	<b>-372</b>	<b>-398</b>	BRAC95 Manpower Impact WS, dated 3/30/95, TAB 2
<b>Total ALC &amp; BOS Moves</b>	<b>139</b>	<b>272</b>	<b>5833</b>	<b>6244</b>	BRAC Manpower Impact WS, dated 3/30/95, TAB 2

### ALC & BOS MOVES

Officers	139	Source: BRAC95 Manpower Impact Worksheet Dated 3/30/95, provided by LTC Callahan, AF/PEP. Manpower figures reflect FY97/4 endstrength						
Enlisted	272							
Civilians	<u>5833</u>							
Total	6244							
<b>Workload Transfer Percentages</b>		Source: FY99 workload percentages provided by LTC Pitcher						
Hill	70.0%							
Tinker	25.0%							
Robins	<u>5.0%</u>							
	100%							
<b>Transfer to:</b>		5%	10%	25%	30%	25%	5%	
Hill		1996	1997	1998	1999	2000	2001 Totals	
Officers		5	10	25	30	25	2	97
Enlisted		10	19	48	57	48	8	190
Civilians		205	409	1021	1225	1021	202	<u>4083</u>
								4370
<b>Transfer to:</b>		5%	10%	25%	30%	25%	5%	
Tinker		1996	1997	1998	1999	2000	2001 Totals	
Officers		2	4	9	11	9	0	35
Enlisted		4	7	17	21	17	2	68
Civilians		73	146	365	438	365	71	<u>1458</u>
								1561
<b>Transfer to:</b>		5%	10%	25%	30%	25%	5%	
Robins		1996	1997	1998	1999	2000	2001 Totals	
Officers		1	1	2	3	0	0	7
Enlisted		1	2	4	5	2	0	14
Civilians		15	30	73	88	73	15	<u>292</u>
								313

## BRAC95 MANPOWER IMPACT WORKSHEET

BASE: McClellan

ALC moves

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
<b>ADJUSTED BASELINE POPULATION</b>	431	2,125	7,516	10,072	261	10,333
SACRAMENTO ALC (per Aug 94 mpwr file)	162	184	5912	6,258	0	6,258
less Embedded support manpower	<u>-19</u>	<u>-14</u>	<u>-79</u>	<u>-112</u>	<u>0</u>	<u>-112</u>
ALC manpower to move	143	170	5833	6146	0	6146
<b>MANPOWER IMPACTS</b>						
MOVE SAN ANTONIO ALC	-134	-160	-5483	-5777	0	-5777
BOS tail	-5	-112	-350	-467	0	-467
ALC overhead consolidation savings (6%)	-9	-10	-350	-369	0	-369
BOS tail	0	-7	-22	-29	0	-29
<b>NET SAVINGS (INCL DEPOT)</b>	-9	-17	-372	-398	0	-398
<b>MANPOWER REMAINING ON BASE</b>	283	1,836	1,311	3,430	261	3,691
<b>SUPPORT MANPOWER REMAINING</b>	217	959	866	2,042	0	2,042

McClellan - ALC Only MILCON

Purpose: Summarize MILCON Requirements for closing SM-ALC. McClellan AFB remains open and non-ALC (with the exception of BOS) are not impacted.

Sources: AFRES, AFMC21, AF/CEP, and AF/LGM Inputs

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	3&6 Story Tower	1.5
ALC	40000 sf High Bay	8.2
ALC	Renovate Bldg 100C	0.07
ALC	Renovate Bldg 5N	1.543
ALC	Construct Test Platform	0.365
ALC	Tower Supports	0.251
ALC	Renovate Bldg 265	1.3
ALC	Construct Test Cells	0.3
ALC	Renovate Bldg 11	0.95
ALC	New/Renovate Admin Space	18.2
	Subtotal	32.679

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	New A/C Maintenance Dock	0.305
ALC	Hydraulics Reconfig	0.968
ALC	QL Facilities	15.4
ALC	Instruments	0.525
ALC	New/Renovate Admin Space	3.51
	Subtotal	20.708

**GAINING BASE: ROBINS**

Unit	Description	Cost (\$M)
ALC	New/Renovate Admin Space	0.83
	Subtotal	0.83

Facilities Total: 54.217

**GRAND TOTAL: \$ 54.22 M**

ALC FACILITY SHUTDOWN: 3.432M sq ft (ONLY REFLECTS DEPOT MY AREAS) \*  
 SOURCE: LTC PITENOT, AF/LGMM, EXTRACTED FROM JC56-DM CERTIFIED DATA

\* ADD SPACE FOR MATERIAL MGT + OVERHEAD: 3477 people \* 162 sq ft = 563, 274 sq ft  
 SOVALLS SEE ATCH 3 OF MILCON.

**TOTAL ALC FACILITY SHUTDOWN: 3.995M sq ft**

### 1 Time Unique Costs

Production Transition Costs	\$53,824,013
Environmental Studies	\$ 3,000,000
Civilian Terminal Leave	\$2,690,172
Rearrangement Costs	\$ 3,729,190
Install Test Equipment at Hill.	\$ 27,000
Install Software at Hill.	\$ 200,000
Activate Outside Range at Hill.	\$ 200,000
Sub-Total	<u>\$63,670,375</u>
Shutdown Neutron Radiography Facility	\$20,072,996
Base Conversion Agency Costs	<u>\$0</u>
	<u>\$83,743,371</u>

SOURCE:

PTC Spreadsheet  
 Updated input. 4 EAs (750K ea)  
 Updated input based on new manpower data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data

Added to Last Year.  
 Updated input. Per LTC O'Neill, AF/RTT,  
 delete BCA costs if installation remains open.

Time Phasing

FY96	5%	\$ 3,183,519
FY97	10%	\$ 6,367,038
FY98	25%	\$ 15,917,594
FY99	30%	\$ 19,101,113
FY00	25%	\$ 15,917,594
FY01	5%	\$ 23,256,515
Total	100%	\$ 83,743,371

### 1 Time Moving Costs

\$135,632,576
<u>\$ 700,000</u>
\$136,332,576

Source: Eqpt Transportation Spreadsheet  
 Source: AFMC 21 Certified Data. "Relocate Cold Proof Eqpt to Hill"

Time Phasing

FY96	5%	\$ 6,816,629
FY97	10%	\$ 13,633,258
FY98	25%	\$ 34,083,144
FY99	30%	\$ 40,899,773
FY00	25%	\$ 34,083,144
FY01	5%	\$ 6,816,629
Total	100%	\$ 136,332,576

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

June 12, 1995

Major General Jay Blume (Attn: Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

180  
Processed under this authority  
95612-10

Dear General Blume:

I am forwarding three items that require your assistance.

First, I need Air Force comments on the attached "City of Sumter and Sumter County" briefing forwarded to the Commission on June 12, 1995.

Second, the ICBM force structure provided to the Commission by the Air Force is inconsistent with the Nuclear Posture Review and the DoD recommendation to inactivate one ICBM field. . The North Dakota Congressional delegation has raised the issue of this inconsistency. The reason for this has been explained telephonically to our general counsel, but I need written documentation that it is the Air Force's intent that the ICBM force structure should be consistent with the Nuclear Posture Review and the DoD recommendation.

Finally, what plans does the Air Force have for the Titan I missile hangar that presently houses Detachment 1, Space Systems Support Group, at Lowry AFB, since the DoD recommendation says nothing about closing this facility. It is our understanding that it is Air Force policy to avoid the creation of "islands of operations" within closed bases where alternatives already exist.

In order to assist the Commission in its review, I would appreciate your written comments on these items no later than June 16, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo Jr., PE  
Air Force Team Leader

Document Separator

THE SHAW - SUMTER COMMUNITY:  
PARTNERS IN PROGRESS  
WORKING FOR QUALITY

CITY OF SUMTER  
AND  
SUMTER COUNTY





# City of Sumter

South Carolina

29151

## SUMTER BASE DEFENSE COMMITTEE

OPERA HOUSE  
P.O. BOX 1449

TELEPHONE  
(803) 773-3371  
FAX  
(803) 778-2025

**TO:** Mr. Frank A. Cirillo, Jr., Air Force Team Leader  
Defense Base Closure and Realignment Commission  
1700 N. Moore Street, Suite 1425  
Arlington, Virginia 22209

**FROM:** Mr. Thomas R. Olsen, Executive Director

**DATE:** June 9, 1995

**SUBJECT:** Reassessment of the BRAC 95 Recommendation to  
Redirect the 726th Air Control Squadron (ACS)

---

The Sumter Base Defense Committee (SBDC) reviewed the recommendation of the 1995 Department of Defense Base Closure and Realignment Report to the Commission regarding the recommendation to redirect the 726th Air Control Squadron (ACS). It was determined that the recommendation of the 1993 BRAC Commission should not be changed and that the 726th ACS should be retained at Shaw AFB, South Carolina.

The attached report presents rationale and data to support the SBDC recommendation not to change the 1993 BRAC Commission recommendation to assign the 726th ACS to Shaw AFB. The report highlights positive rationale regarding Military Value, Costs and Manpower, Return on Investment, Economic Impact, Community Support and Environmental Impact for the retention of the unit.

Thank you for considering this report. We hope it will assist you in your deliberation on retaining the 726th ACS at Shaw AFB.

Sincerely,

Thomas R. Olsen

**SUMTER BASE DEFENSE COMMITTEE  
REASSESSMENT OF THE BRAC 95 RECOMMENDATION  
TO REDIRECT THE 726TH AIR CONTROL SQUADRON (ACS)**

I. **PURPOSE:** To reassess the recommendation to redirect the 726th ACS from Shaw AFB, SC to Mountain Home AFB, ID.

II. **BACKGROUND:**

- A. The 726th Air Control Squadron (ACS) was temporarily relocated from Homestead AFB, FL to Shaw AFB, SC in the aftermath of Hurricane Andrew. The 1993 BRAC Commission agreed with the Secretary of Defense recommendation to permanently assign the 726th ACS to the 363rd Fighter Wing [now the 20th Fighter Wing (FW)] at Shaw AFB.
- B. On March 1, 1995, the Secretary of Defense recommended a change to the 1993 BRAC commission recommendation regarding the 726th ACS. The Sec Def recommended that the 726th ACS be redirected from Shaw AFB to Mountain Home AFB, ID. The stated justification is to provide adequate radar coverage of training airspace to support training mission and sustained combat readiness.
- C. As a result of Air Force proposed force structure downsizing for FY 1996, the 726th ACS will be reduced to an Air Control Element. The assigned personnel will be cut from 241 to 123. Commensurately, the vehicle and equipment assignment will be cut in half to approximately 100 pieces. When the BRAC 95 COBRA computations were run, the data unfavorably compared MILCON requirements for a squadron against an element sized unit.
- D. Much of the operational requirements rationale used by the 1995 BRAC must have been based on incomplete inputs from when the 726th ACS was in temporary assignment status and does not reflect the impact of unit initiatives to facilitate and provide for adequate unit training to support combat readiness. The 20th FW operational plans integrate the 726th ACS to support the Wing's mission, specifically focused on the USCENTAF mission in Southwest Asia (Persian Gulf) region. According to verbal responses from 20th FW/726th ACS personnel, the unit is able to maintain combat ready status.

### III. FACTORS FOR CONSIDERATION:

#### A. Mission Requirements:

1. Recognizing the challenges to meeting training requirements, the Wing and Squadron, in coordination with HQ 9th Air Force (AF) and HQ Air Combat Command (ACC), has aggressively pursued initiative to provide adequate radar coverage of available training airspace in order to provide required training capability from both on-base and deployed locations. Since Warning Area 177 (W-177) and Warning Area 161 (W-161) east of Shaw AFB (adjacent to South Carolina Atlantic Ocean coastline) provide the nearest and largest training airspace, the wing/squadron have installed remote radio communication relay capability on Charleston AFB, SC at the Gator Communications Site. This installed capability allows the 726th ACS to maintain radio contact for control of aircraft operating within W-177 and W-161 from Shaw AFB.
2. The 726th ACS currently has the capability to provide radar coverage of local training areas from home station (Shaw AFB). The squadron can illuminate significant portions of W-177/W-161 above FL 130 to the limit of its radar coverage. The Wing/Squadron have developed an HQ ACC approved plan to link Jedburb, SC FAA radar coverage to Shaw AFB to expand the radar coverage below FL 130 to improve training throughout the area. HQ ACC directed the plan be held in abeyance until the 1995 BRAC process is completed. Additionally, the units radar and communication can provide coverage for training in the Gamecock Alpha, Charlie, Delta and India Military Operating Area (MOA) near Shaw AFB.
3. Realistic training can be conducted at several deployed locations in South Carolina: 1) Florence Regional Airport, 2) Myrtle Beach Jetport and 3) North Field Auxiliary. Other deployed locations could be available at Fort Bragg/ Pope AFB, NC and Seymore Johnson AFB, NC for training in Gamecock Alpha MOA. An alternate operating location at Fort Gordon, GA could provide coverage of Bulldog MOA and Hunter Army Airfield/Fort Stewart, GA could provide coverage of Bulldog MOA, Fort Stewart MOA, W-74, W-133, W-134, W-132A and W-161.

4. The 20th FW (F-16/A-10) conducts local training in W-177, W-161, Gamecock MOAs (A,C,D,I) and Bulldog MOA. However, aircraft from other Air Force, Navy, Marine, Army and Air National Guard units also conduct training missions in these same training areas. The use of this airspace by other DOD units offer multiple opportunities for the 726th ACS to conduct training and participate in joint-service training programs on a regular basis. A wide variety combat aircraft conduct training in these areas, to include, A-6, AV-8, A-10, F-14, F-15, F-16, F-18, B-52, C-130, C-141, C-17, E-3A, KC-10, KC-135 and P-3.
5. In 1994, 7356 aircraft sorties utilized W-177/W-161 of which 4910 (67%) aircraft sorties originated from Shaw AFB and other South and North Carolina bases. When aircraft sorties conducting training in Gamecock and Bulldog MOAs are included, the total sorties available for radar surveillance and control equal 24,849. Over 77% (19,082) of these sorties were generated from Shaw AFB and other South and North Carolina bases. Therefore, the training opportunities for keeping the 726th ACS combat ready were abundant and probably exceeded the sorties available to an air control unit assigned to any other base. Similar sortie counts are expected for 1995 and beyond.

**B. FACILITIES:**

1. The 726th ACS is currently operating from semi-permanent facilities in the northeast portion of Shaw AFB. These facilities do not adequately support the unit operations, maintenance and administrative requirements. Prior to March 1, 1995, a new \$8,500,000 combined operations and maintenance building was programed and at 100% design, awaiting Hq ACC approval to invite contractor bids for construction. The building was designed for a squadron sized unit. The construction process as been placed on hold awaiting completion of the 1995 BRAC Commission process.
2. In anticipation of BRAC Commission approval to relocate the 726th ACS from Shaw AFB, Hq ACC conducted site surveys and planning for the move. In accordance with BRAC procedures and COBRA analysis, the MILCON (building/facility) requirement was identified to meet mission

requirements for an Air Control Element sized unit. The estimated MILCON cost for this building is \$5,000,000 (\$3,500,000 less than a squadron building). With the programed unit downsizing, the MILCON cost for construction at Shaw for a similar sized building could be the same. Therefore, the COBRA analysis for the relocation of the 726th ACS represents an erroneous conclusion by comparing MILCON for a squadron requirement against those needed for an element sized unit.

**C. CONTINGENCY AND MOBILITY:**

1. Currently, the 726th ACS(ACE) is fully integrated into Contingency Plans in support of the mission requirements of the 20th FW and HQ 9th AF/USCENTAF. The unit is also available for worldwide deployment in support of U.S. military commitments in any regional crisis. However, the unit is optimally positioned for rapid deployment to Southwest Asia (Persian Gulf) or to Europe (NATO) via airlift from Shaw AFB/Charleston AFB or sealift from the Port of Charleston, SC.
2. The 726th ACS(ACE) is fully equipped and trained to meet mobility requirements and for operations in an austere combat environment. Deployment training to alternate operating locations in South Carolina and in support of CONUS-based exercises allow the unit to maintain full combat readiness.

**D. COST AND MANPOWER:**

1. A review of the COBRA Realignment Summary for the realignment/redirection of the 726th ACS from Shaw AFB, SC to Mountain Home AFB, ID identify the following concerns:
  - a. It appears that cost comparisons were made on the full size squadron at Shaw AFB vs a much smaller unit, an element, which would be about one-half squadron size, at Mountain Home AFB.
  - b. Greater cost savings could be realized if the 726th ACS was downsized to an element and remained at Shaw AFB. The MILCON cost would be the same at either base, down from \$8,500,000 to \$5,000,000 (a savings of \$3,500,000).

- c. The PERSONNEL cost savings realized by downsizing the 726 from a squadron to an element, for the period 1996 through 2001, would remain at \$1,352,000. The savings would be the same Shaw AFB as at Mountain Home AFB.
  - d. The MOVING expenses of \$1,214,377 (composed of Military Moving \$654,849, Freight \$348,528 and One-Time Moving Cost \$211,000) could be saved by keeping the unit at Shaw AFB.
  - e. The OTHER expenses (Environmental Mitigation Costs and One-Time Unique Costs) of \$1,650,000 could be saved by keeping the unit at Shaw AFB.
  - f. The OVERHEAD expenses (Program Planning Support) of \$31,307 could be saved by keeping the unit at Shaw AFB.
2. A total savings of \$7,747,684 could be realized if the 726th ACS was downsized to an element (726th ACE) and retained at Shaw AFB vice moving to Mountain Home AFB. A comparative analysis of the two options indicated an overall cost avoidance of \$2,895,684 (Moving, Other and Overhead Costs) by retaining the unit at Shaw AFB.

a. Total Savings Analysis:

MILCON	\$3,500,000
PERSONNEL	1,352,000
MOVING	1,214,377
OTHER	1,650,000
OVERHEAD	<u>31,307</u>
TOTAL	\$7,747,684

b. Total Cost Avoidance:

MOVING	\$1,214,377
OTHER	1,650,000
OVERHEAD	<u>31,307</u>
TOTAL	\$2,895,684

**E. RETURN ON INVESTMENT:**

The total estimated One-Time Cost of NOT relocating the 726th ACS could be \$5,000,000 (MILCON Cost). The net of all costs and savings derived from NOT implementing this move is a savings of \$2,747,684 vice \$2,300,000. Annual recurring savings after implementation are not changed, \$0.23 million, with an immediate return on investment. The Net Present Value of the costs and savings over 20 years should remain close to the projected \$4,166,000 in the COBRA summary.

**F. IMPACT:**

A decision NOT to implement the redirection of the 726th ACS(ACE) would result in a potential saving of 163 jobs (126 direct jobs and 37 indirect jobs) over the 1996 to 2001 period in the Sumter, South Carolina Metropolitan Statistical Area (0.3 percent of the economic area). Environmental impact from NOT implementing the proposed action should remain minimal and ongoing restoration will continue.

**G. COMMUNITY:**

A decision NOT to implement the redirection of the 726th ACS(ACE) will not impact the support provided by the Sumter community for the Air Force mission at Shaw AFB. The Sumter community will continue to improve cooperation and support for Shaw AFB.

**IV. SUMMARY:**

The retention of the 726th ACS(ACE) at Shaw AFB is operationally sound and will represent a significant saving to the Air Force and the DOD. Since the unit has developed positive initiatives to correct training and combat readiness concerns, the unit does not need to be disturbed at a time when its combat ready capability could be needed to meet worldwide U.S. military commitments. The cost of not moving represents a significantly increased saving over the proposed savings. Therefore, it does not seem prudent to change the recommendation of the 1993 BRAC Commission. **KEEP THE 726TH ACS(ACE) AT SHAW AFB.**

**V. RECOMMENDATION:**

Do not change the recommendation of the 1993 BRAC Commission regarding the assignment of the 726th Air Control Squadron (ACS) to Shaw AFB, South Carolina.

**REFERENCES:**

1. Recommendation; Homestead AFB, Florida, 726th Air Control Squadron; Department of the Air Force Analysis and Recommendations (Volume V), DOD Base Closure and Realignment Report to the Commission; February 1995; page 55.
2. COBRA REALIGNMENT SUMMARY (COBRA v5.08), Data as of 08:59 05/05/1995, Air Force, 726 ACS, 2 pages; with 15 Reports, Data as of 08:59 05/05/1995.

**HOMESTEAD AIR FORCE BASE, FLORIDA**  
**726th Air Control Squadron**

**Recommendation:** Change the recommendation of the 1993 Commission regarding the relocation of the 726th Air Control Squadron (ACS) from Homestead AFB to Shaw AFB, South Carolina, as follows: Redirect the 726th ACS to Mountain Home AFB, Idaho.

**Justification:** The 726th ACS was permanently assigned to Homestead AFB. In the aftermath of Hurricane Andrew, the 726th ACS was temporarily moved to Shaw AFB, as the first available site for that unit. In March 1993, the Secretary of Defense recommended the closure of Homestead AFB and the permanent beddown of the 726th ACS at Shaw AFB. Since the 1993 Commission agreed with that recommendation, experience has shown that Shaw AFB does not provide adequate radar coverage of training airspace needed to support the training mission and sustained combat readiness.

**Return on Investment:** The total estimated one-time cost to implement this recommendation is \$7.4 million. The net of all costs and savings during the implementation period is a savings of \$2.3 million. Annual recurring savings after implementation are \$0.23 million with an immediate return on investment. The net present value of the costs and savings over 20 years is a savings of \$4.6 million.

**Impact:** This action affects temporary relocations resulting from prior BRAC recommendations. Assuming no economic recovery, this recommendation could result in a potential reduction of 163 jobs (126 direct jobs and 37 indirect jobs) over the 1996 to 2001 period in the Sumter, South Carolina Metropolitan Statistical Area which is 0.3 percent of the economic area's employment. Environmental impact from this action is minimal and ongoing restoration will continue.

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : Immediate

NPV in 2015(\$K): -4,166  
 1-Time Cost(\$K): 7,896

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-8,000	4,500	0	0	0	0	-3,500	0
Person	0	-270	-270	-270	-270	-270	-1,352	-270
Overhd	18	153	42	42	42	42	338	42
Moving	211	810	0	0	0	0	1,021	0
Missio	0	0	0	0	0	0	0	0
Other	510	1,140	0	0	0	0	1,650	0
<b>TOTAL</b>	<b>-7,261</b>	<b>6,333</b>	<b>-229</b>	<b>-229</b>	<b>-229</b>	<b>-229</b>	<b>-1,842</b>	<b>-229</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
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

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	0	13	0	0	0	0	13
Enl	0	110	0	0	0	0	110
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	123	0	0	0	0	123

Summary:

-----  
 Move 728 ACS to Mountain Home

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fetrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	500	4,500	0	0	0	0	5,000	0
Person	0	453	453	453	453	453	2,263	453
Overhd	18	153	154	154	154	154	789	154
Moving	211	1,003	0	0	0	0	1,214	0
Missio	0	0	0	0	0	0	0	0
Other	510	1,140	0	0	0	0	1,650	0
<b>TOTAL</b>	<b>1,239</b>	<b>7,249</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>607</b>	<b>10,917</b>	<b>607</b>

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	8,500	0	0	0	0	0	8,500	0
Person	0	723	723	723	723	723	3,616	723
Overhd	0	0	113	113	113	113	450	113
Moving	0	193	0	0	0	0	193	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>8,500</b>	<b>916</b>	<b>836</b>	<b>836</b>	<b>836</b>	<b>836</b>	<b>12,759</b>	<b>836</b>

NET PRESENT VALUES REPORT (COBRA v5.08)  
 Data As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
-----	-----	-----	-----
1996	-7,261,110	-7,163,283	-7,163,283
1997	6,333,296	6,080,748	-1,082,534
1998	-228,612	-213,621	-1,296,156
1999	-228,612	-207,904	-1,504,059
2000	-228,612	-202,339	-1,706,399
2001	-228,612	-196,924	-1,903,322
2002	-228,612	-191,653	-2,094,976
2003	-228,612	-186,524	-2,281,500
2004	-228,612	-181,532	-2,463,032
2005	-228,612	-176,673	-2,639,705
2006	-228,612	-171,945	-2,811,650
2007	-228,612	-167,343	-2,978,993
2008	-228,612	-162,864	-3,141,857
2009	-228,612	-158,505	-3,300,363
2010	-228,612	-154,263	-3,454,626
2011	-228,612	-150,134	-3,604,760
2012	-228,612	-146,116	-3,750,876
2013	-228,612	-142,205	-3,893,082
2014	-228,612	-138,399	-4,031,481
2015	-228,612	-134,695	-4,166,177

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction	5,000,000	5,000,000
Military Construction	5,000,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		5,000,000
Personnel	0	0
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead	31,307	31,307
Program Planning Support	31,307	
Mothball / Shutdown	0	
Total - Overhead		31,307
Moving	0	0
Civilian Moving	0	
Civilian PPS	0	
Military Moving	654,848	
Freight	348,528	
One-Time Moving Costs	211,000	
Total - Moving		1,214,377
Other	0	0
MAP / RSE	0	
Environmental Mitigation Costs	510,000	
One-Time Unique Costs	1,140,000	
Total - Other		1,650,000
Total One-Time Costs		7,895,684
One-Time Savings	8,500,000	8,500,000
Military Construction Cost Avoidances	8,500,000	
Military Housing Cost Avoidances	0	
Family Housing	193,110	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		8,693,110
Total Net One-Time Costs		-797,426

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)  
Data As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
Option Package : 726 AES  
Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
MOUNTAIN HOME	5,000	0	0	0	5,000
SHAW	0	0	0	-8,500	-8,500
-----	-----	-----	-----	-----	-----
Totals:	5,000	0	0	-8,500	-3,500

PERSONNEL SUMMARY REPORT (COBRA v5.08)  
 Data As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: MOUNTAIN HOME, ID

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
350	2,824	0	496

PERSONNEL REALIGNMENTS:

From Base: SHAW, SC

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

TOTAL PERSONNEL REALIGNMENTS (Into MOUNTAIN HOME, ID):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
363	2,934	0	496

PERSONNEL SUMMARY FOR: SHAW, SC

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
710	4,531	0	579

PERSONNEL REALIGNMENTS:

To Base: MOUNTAIN HOME, ID

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

TOTAL PERSONNEL REALIGNMENTS (Out of SHAW, SC):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
697	4,421	0	579

**TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)**  
 Data As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
<b>CIVILIAN POSITIONS REALIGNING OUT</b>		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*+		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
<b>CIVILIAN POSITIONS ELIMINATED</b>		0	0	0	0	0	0	0
Early Retirement	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*+		0	0	0	0	0	0	0
Priority Placement#	60.00%	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
<b>CIVILIAN POSITIONS REALIGNING IN</b>		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
<b>TOTAL CIVILIAN EARLY RETIRMENTS</b>		0	0	0	0	0	0	0
<b>TOTAL CIVILIAN RIFs</b>		0	0	0	0	0	0	0
<b>TOTAL CIVILIAN PRIORITY PLACEMENTS#</b>		0	0	0	0	0	0	0
<b>TOTAL CIVILIAN NEW HIRES</b>		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.

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

# Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3  
 Data As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	500	4,500	0	0	0	0	5,000
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
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
PPS	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	30	0	0	0	0	30
Freight	0	41	0	0	0	0	41
Vehicles	0	235	0	0	0	0	235
Driving	0	41	0	0	0	0	41
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	18	13	0	0	0	0	31
Shutdown	0	0	0	0	0	0	0
New Hire	0	0	0	0	0	0	0
1-Time Move	211	0	0	0	0	0	211
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	56	0	0	0	0	56
POV Miles	0	53	0	0	0	0	53
HHG	0	460	0	0	0	0	460
Misc	0	86	0	0	0	0	86
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	510	0	0	0	0	0	510
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	1,140	0	0	0	0	1,140
TOTAL ONE-TIME	1,239	6,657	0	0	0	0	7,896

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3  
 Date As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	14	14	14	14	58	14
BOS	0	140	140	140	140	140	700	140
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	453	453	453	453	453	2,263	453
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	593	607	607	607	607	3,021	607
TOTAL COST	1,239	7,249	607	607	607	607	10,917	607
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION								
MILCON	8,500	0	0	0	0	0	8,500	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	193	0	0	0	0	193	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	8,500	193	0	0	0	0	8,693	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	113	113	113	113	450	113
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	723	723	723	723	723	3,616	723
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	723	836	836	836	836	4,066	836
TOTAL SAVINGS	8,500	916	836	836	836	836	12,759	836

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3  
 Data As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	
CONSTRUCTION								
MILCON	-8,000	4,500	0	0	0	0	-3,500	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	348	0	0	0	0	348	
Other	229	13	0	0	0	0	242	
MIL PERSONNEL								
Mil Moving	0	462	0	0	0	0	462	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	510	0	0	0	0	0	510	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	1,140	0	0	0	0	1,140	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	-7,261	6,464	0	0	0	0	-797	
RECURRING NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	14	14	14	14	58	14
BOS	0	140	27	27	27	27	249	27
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	-270	-270	-270	-270	-270	-1,352	-270
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-130	-229	-229	-229	-229	-1,045	-229
TOTAL NET COST	-7,261	6,333	-229	-229	-229	-229	-1,842	-229

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)  
 Data As Of 08:59 05/05/1995, Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
MOUNTAIN HOME	123	3%	26,900	1%	219
SHAW	-123	-2%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
MOUNTAIN HOME	14,408	1%	117	140,022	2%	1,138
SHAW	0	0%	0	-112,631	-1%	916

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
MOUNTAIN HOME	154,431	1%	1,255
SHAW	-112,631	-1%	916

RPMA/BOS CHANGE REPORT (COBRA v5.08)  
 Data As Of 08:59 05/05/1995. Report Created 09:23 05/09/1995

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	0	14	14	14	14	58	14
BOS Change	0	140	27	27	27	27	249	27
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>140</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>307</b>	<b>42</b>

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
MOUNTAIN HOME, ID	Realignment
SHAW, SC	Realignment

Summary:

-----  
 Move 728 ACS to Mountain Home

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
MOUNTAIN HOME, ID	SHAW, SC	2.402 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from SHAW, SC to MOUNTAIN HOME, ID

	1996	1997	1998	1999	2000	2001
----	----	----	----	----	----	----
Officer Positions:	0	13	0	0	0	0
Enlisted Positions:	0	110	0	0	0	0
Civilian Positions:	0	0	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	50	0	0	0	0
Suppt Eqpt (tons):	0	25	0	0	0	0
Military Light Vehicles:	0	40	0	0	0	0
Heavy/Special Vehicles:	0	70	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MOUNTAIN HOME, ID

Total Officer Employees:	350	RPMA Non-Payroll (\$K/Year):	2,598
Total Enlisted Employees:	2,824	Communications (\$K/Year):	1,004
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	6,792
Total Civilian Employees:	496	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	67.0%	Family Housing (\$K/Year):	7,262
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.15
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,510	CHAMPUS Shift to Medicare:	20.9%
Officer YHA (\$/Month):	0	Activity Code:	AFD64
Enlisted YHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : 726 A05  
 Scenario File : C:\COBRA\REPORT195\COM-AUDITSS-726.CBR  
 Std Fcrrs File : C:\COBRA\REPORT195\RECOMEND\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SHAW, SC

2,960	RMA Non-Payroll (\$K/Year):	710
1,356	Communications (\$K/Year):	4,531
8,465	805 Non-Payroll (\$K/Year):	0
0	805 Payroll (\$K/Year):	579
8,900	Family Housing (\$K/Year):	40.0%
0.72	Area Cost Factor:	6.0%
0	CHAMPUS In-Pat (\$/Ystt):	0
0	CHAMPUS Out-Pat (\$/Ystt):	0
20.9%	CHAMPUS Shift to Medicare:	5.343
0	Activity Code:	0
AF080	Homeowner Assistance Program:	66
No	Freight Cost (\$/Ton/Mile):	0.07

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MOUNTAIN HOME, ID

0	1-Time Unique Cost (\$K):	0
0	1-Time Unique Save (\$K):	0
211	1-Time Moving Cost (\$K):	0
0	1-Time Moving Save (\$K):	0
510	Env Non-MilCon Req(\$K):	0
0	Activ Mission Cost (\$K):	0
0	Activ Mission Save (\$K):	0
0	Misc Recurring Cost (\$K):	0
0	Misc Recurring Save (\$K):	0
0	Land (+Buy/-Sales) (\$K):	0
10%	Construction Schedule (%):	10%
100%	Shutdown Schedule (%):	100%
0	MilCon Cost Avoidnc(\$K):	0
0	Fam Housing Avoidnc(\$K):	0
0	Procurement Avoidnc(\$K):	0
0	CHAMPUS In-Patients/Yr:	0
0	CHAMPUS Out-Patients/Yr:	0
0	Facil Shutdown(KSF):	0

Name: SHAW, SC

0	1-Time Unique Cost (\$K):	0
0	1-Time Unique Save (\$K):	0
0	1-Time Moving Cost (\$K):	0
0	1-Time Moving Save (\$K):	0
0	Env Non-MilCon Req(\$K):	0
0	Activ Mission Cost (\$K):	0
0	Activ Mission Save (\$K):	0
0	Misc Recurring Cost (\$K):	0
0	Misc Recurring Save (\$K):	0
0	Land (+Buy/-Sales) (\$K):	0
10%	Construction Schedule (%):	10%
100%	Shutdown Schedule (%):	100%
8,500	MilCon Cost Avoidnc(\$K):	0
0	Fam Housing Avoidnc(\$K):	0
0	Procurement Avoidnc(\$K):	0
0	CHAMPUS In-Patients/Yr:	0
0	CHAMPUS Out-Patients/Yr:	0
0	Facil Shutdown(KSF):	0

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MOUNTAIN HOME, ID

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
726 ACS FACILITY	OTHER	26,900	0	5,000

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.80%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : 726 ACS  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\SS-726.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	S/UM	Category	UM	S/UM
-----	--	----	-----	---	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RD & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

180  
950612-10

15 JUN 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

Defense Base Closure and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, VA 22209

Dear Mr. Cirillo

Attached are the answers to the inquiries in your June 12, 1995 letter.

We trust this information is useful for your analysis.

Sincerely

A handwritten signature in cursive script, appearing to read "Jay D. Blume, Jr.".

JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachment:

1. Question and Answers

**Question: The following are the Air Force comments on the City of Sumter briefing on the redirect of the 726th ACS:**

**ANSWER:**

The Main tenet for the redirect of the 726th ACS is to locate the unit where it can employ and train to its fullest operational capability. The full military value of this unit is not being realized at Shaw AFB due to poor radar coverage and lack of viable training opportunities. Relocating the 726 ACS to a base that could provide better coverage capabilities and assets is critical. The Air Force goal also seeks to relocate the unit to a location that provides for future growth while affording the capability to maintain and improve the unit's combat rating. Mountain Home AFB meets these requirements.

#### SPECIFIC RESPONSES

Para II b: The community referenced the current fixes being used to overcome the training problems at Shaw AFB. While the current arrangement has partially improved radar coverage of the training airspace, the situation remains less than optimum, and would not be encountered at Mountain Home AFB.

Para II c: The BRAC COBRA model does show the 726 ACS as a full up ACS unit. The Theater Air Control System (TACS) has been undergoing force structure changes to meet the current threat scenario by providing fully combat ready units correctly sized. A program change request was being worked when the Air Force submitted its recommendation on 1 Mar 95. During the site survey process the final refined ACS force structure was used and the smaller ACS unit relocation to Mountain Home AFB was costed. The supposition is correct that downsizing the unit at Shaw AFB would also produce some savings from possible MILCON reductions.

Para II d: The unit was relocated to Shaw AFB as a result of Hurricane Andrew. Shaw AFB was selected initially for its proximity to Homestead and training opportunities with the existing flying wing. Operational deficiencies were identified early in the beddown at Shaw AFB and efforts were begun to correct them. Site activation task force visits to Shaw AFB identified areas that required additional effort if adequate unit training was to be maintained. Options were worked, but training was degraded.

Para II d: In respect to war plans ACS units are part of the Ground Theater Air Control System and are normally deployed separately from flying units which may be stationed at the same base.

Para III A1/2: The mentioned fixes to the training problems are not permanent, but locally generated short-term solutions. Funding for any permanent solutions is not currently available. Although the radio problems can be resolved; the difficulties in remoting radar video do not seem surmountable. The proposed solution would provide no real time radar returns only symbology. Utility of controlling actual aircraft during live fire exercises using only symbology has not been validated.

Para III A.4: The benefit from the various types of aircraft in the Shaw AFB area is not valid. For example, intercepts are not conducted with C-130s. Live Fire Exercise type events are available at Mountain Home AFB on a daily basis, and simply provides superior training environment. Shaw AFB is limited to local training of relatively high altitude intercept/air combat and dissimilar air combat training. At Mountain Home AFB the training is not limited to certain altitudes or types of flights. Shaw AFB does provide many good sorties but to state this base has more or better than any other base is incorrect. Better training would be experienced at Mountain Home AFB.

The BRAC 93 recommendation placed the 726 ACS at Shaw AFB expecting to resolve the beddown and radar deficiencies. It is now apparent training is degraded at Shaw AFB and combat readiness is affected. Mountain Home AFB will not experience these problems thanks to accessible overland ranges and airspace. This redirect offers us the opportunity to better align the 726 ACS to ensure the unit has the best training opportunities and ensure the unit maintains its full operational combat status.

**Question: Reference the ICBM force structure and the North Dakota Congressional concerns with the issue of the disparity between the Nuclear Policy Review and the programmed force structure:**

**ANSWER:**

This question was resolved via telecon between Commission Staffer Dave Olsen and HQ USAF representative Lt Col Curry. Per that discussion this question has been withdrawn by your office.

**Question: What plans does the Air Force have for the Titan 1 missile hangar that presently houses Detachment 1, Space systems Support Group, at Lowry AFB?**

**ANSWER:**

Detachment 1 Space systems Support Group, at Lowry AFB currently occupies building P1432 and utilizes two dormitories P405 and P406. They plan to vacate these buildings by 31 Sep 98. At that time the buildings may become available for reuse through the proper channels and coordinated by the Air Force Base Conversion Agency.

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THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

June 13, 1995

Major General Jay D. Blume, Jr. (Attn: Lt Col Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

181  
Please refer to this number  
when responding 950612-30

Dear General Blume:

The Secretary of the Air Force, in a June 9, 1995 letter to the commission, has indicated the closure of O'Hare IAP Air Reserve Station would be a reasonable alternative to the closure of Pittsburgh IAP Air Reserve Station, as recommended by the Secretary of Defense. Please provide further details to develop appropriate modification to the 1993 Commission recommendation concerning O'Hare IAP ARS. Specifically, request you provide suggested wording on relocation of the Air National Guard unit, including an acceptable extension of the deadline for implementation, and other information you deem appropriate.

Please forward your response by June 16, 1995.

Your continued support and cooperation are greatly appreciated.

Sincerely,

Francis A. Cirillo, Jr, P.E.  
Air Force Team Leader

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

182  
Please refer to this number  
when responding 950614-21

ALAN J. DIXON, CHAIRMAN

June 14, 1995

COMMISSIONERS:

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

Major General Jay Blume (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

Dear General Blume:

The following are questions asked during today's hearing to which the Air Force agreed to submit responses for the record.

1. The FAA has projections of future trends in airline hiring. What airline hiring figures did the Air Force use in computing its future pilot training requirements?

What are your projections of Air Force pilot training requirements beyond the FYDP, and what is your uncertainty level with these projections?

2. In the event a jet instead of a turbo-prop aircraft is chosen for the JPATS, the Navy is likely to lose primary training capacity at Whiting Field.

If the Air Force intends to use its joint training program with the Navy as a relief valve for future increases in its pilot training requirements, how will this loss of training capacity at Whiting affect the Navy's ability to absorb Air Force requirements (assuming one Air Force UPT base is closed)?

If future increases in the Navy's Pilot Training Requirements force them to rely on Air Force training capacity, how will the closure of one Air Force UPT base affect your ability to absorb Navy requirements?

Would the Air Force benefit from the retention of Meridian whether or not one Air Force UPT base is closed?

3. As the Commission prepares for its final deliberations, it would be helpful if we could have your views on Homestead Air Reserve Base's military value. Please comment on its value as a staging/divert base for Caribbean operations and as a peacetime training location as well as any other activities you believe to be militarily significant.

If the Commission were to close Homestead, would the Air Force lose its access to supersonic airspace presently used for training at Homestead?

4. If Brooks AFB closes, a large number of highly-skilled laboratory personnel may not relocate to Wright-Patterson AFB.

Is the Air Force concerned about loss of laboratory personnel if Brooks AFB closes?

###

Setting aside COBRA standard factors, what is the Air Force's Brooks AFB specific estimate of the percentage of laboratory personnel which would relocate to Wright-Patterson AFB, if Brooks closes?

5. In 1994, the Air Force Space Command, Air Force Materiel Command, and classified tenants at Onizuka Air Station conducted a study entitled "Single-Node Operations Study" to assess the impact of closing the facility. The RDT&E Budget Item Justification Sheet (see attachment) shows an estimated cost of about \$788 million between fiscal years 1994 and 2001 for development of new satellite control network capabilities.

Please describe this RDT&E effort and how it pertains to Onizuka Air Station.

What is the status of the RDT&E budget effort?

What is the current cost estimate for developing and implementing this capability?

Relate this expense to the Air Force recommendation for Onizuka AFB?

6. As you know the Hill community has suggested the tactical missile workload could be transferred from Letterkenny Army Depot to Hill AFB. Community officials have indicated storage facilities, repair facilities, personnel and equipment are available to accommodate this workload at little or no cost. They believe this is a more attractive option than DOD's proposal, which move the workload from Letterkenny to Tobyhanna Army Depot.

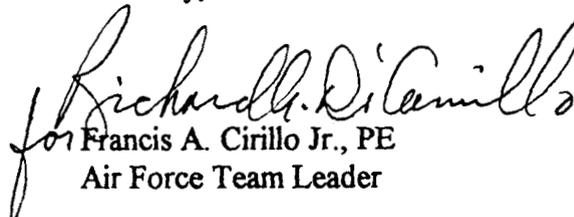
Does the Air Force endorse transfer of this workload to Hill AFB?

Do the missile storage facilities need to be located adjacent to the depot?

Can all or some portion of the missiles be absorbed by Hill AFB? At what cost?

In order to assist the Commission in its review of this issue, I would appreciate your written comments on this letter no later than 1000 hours June 16, 1995. Thank you for your assistance in this matter.

Sincerely,

  
for Francis A. Cirillo Jr., PE  
Air Force Team Leader

Attachment

UNCLASSIFIED

**RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)**

BUDGET ACTIVITY		PER NUMBER AND TITLE										DATE	
7 - Operational System Development		0305110F Satellite Control Network										February, 1995	
		PROJECT										3276	
COST (In Thousands)		FY 1994 Actual	FY 1995 Estimate	FY 1996 Estimate	FY 1997 Estimate	FY 1998 Estimate	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	Cost to Complete	Total Cost		
3276	Satellite Control Network (SCN)	79,804	79,232	89,717	85,435	89,655	112,705	115,522	119,878	Continuing	Continuing		

**(U) A. Mission Description and Budget Item Justification**

(U) The AF Satellite Control Network (AFSCN) is a global network of control centers, remote tracking stations, and communications links which provide the earth-to-space connection required for operation of military satellites. The AFSCN provides satellite and payload command and control, and mission data relay using Mission Control Centers in California and Colorado and nine Global Remote Tracking Stations (RTS). Because the AFSCN operations are continuous, system improvements must occur in parallel with operations of the growing inventory of national security space vehicles. This AFSCN project funds the development, acquisitions, and engineering needed to continue the evolution of this highly reliable national satellite tracking, telemetry, commanding, and data relay capability to meet the requirements of the operational and developmental DoD, National, Civil, and Allied satellite systems. Since this effort supports a fielded system, it is in the budget activity/research category Operational Systems Development.

- (U) Satellite systems must have contact with ground based command & control systems to operate. The AFSCN is the DoD common user satellite control network. The AFSCN is maintained, operated and improved using funding provided in three PRs. The AFSCN provides satellite state-of-health for the following operational satellite systems: DMSP, GPS, DSCS, DSP, FLTSAT, Military, GEOSAT, SkyNet, NATO II/IV, and Classified Programs. It controls on orbit spares and orbital changes of satellite programs with dedicated mission networks. It also supports these and other systems with mission data relay.
- (U) The SCN has an aggressive Improvement & Modernization (I&M) program to reduce the cost of satellite operations in the future and to operate effectively with fewer, better skilled personnel. The primary focus of the I&M program is upgrades to the Command and Control Segment and the Communications Segment. Both are planned to be accomplished on a time phased approach exploiting commercial developments, using an evolutionary acquisition strategy.
- (U) The Command and Control Upgrades, an evolutionary upgrade, will move satellite command and control from a mainframe-based, centralized computer architecture to a workstation-based, open architecture using advanced high speed data links. When developed and fielded, this will facilitate a 30% reduction in O&M for the command and control segment. In addition, the SCN will have greater capability and capacity with increased standardization and interoperability.
- (U) The Communications Upgrades eliminate the current, costly point-to-point AFSCN communications network and replace it with a communications grid system that integrates government and commercial networks. This new architecture will eliminate costly infrastructure, enable more capacity, and provide a minimum 25% savings in O&M costs over the current systems. This will greatly improve capacity, reliability, data quality, and user access to the network.
- (U) Research category is Operational Systems Development. Development of new satellite control capabilities is essential to the operational capability of current and new satellite systems. The project number for the entire Program Element is 3276.

Page 1 of 7 Pages

Exhibit R-2

UNCLASSIFIED

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DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

950614-21

16 JUN 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr Frank Cirillo)

FROM: HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

SUBJECT: Response to 14 Jun 95 Questions for the Record

Attached is the completion of the Air Force response to your 14 Jun 95 Questions for the Record request. I trust you will find this information useful.

A handwritten signature in cursive script that reads "Jay D. Blume Jr.".

JAY D. BLUME JR, Major General, USAF  
Special Assistant to Chief of Staff  
for Realignment and Transition

Attachment:  
Questions/Responses (Brooks AFB)

**4. If Brooks AFB closes, a large number of highly-skilled laboratory personnel may not relocate to Wright-Patterson AFB.**

**Is the Air Force concerned about the loss of laboratory personnel if Brooks AFB closes?**

**ANSWER:** The Air Force is concerned with retention of skilled personnel from the closure of Brooks AFB or any other recommendation. We have carefully weighed the benefits and risks associated with the closure of Brooks AFB. The Air Force firmly believes this action is an operationally sound closure. We simply cannot afford to retain our current laboratory infrastructure and expect the same quality of service from our Research, Development, and Acquisition (RD&A) people while their personnel base diminishes from previous and continuing RD&A force reductions. In the larger perspective, since 1988 the Air Force has experienced constant laboratory personnel disruptions as part of the DoD drawdown. The Air Force has successfully managed this situation with minimal impact to the laboratory's mission. While this closure will cause some significant disruptions, our past experience indicates that we are confident about successfully executing it and maintaining our "world class" lab capabilities.

**Setting aside COBRA factors, what is the Air Force's Brooks AFB specific estimate of the percentage of laboratory personnel which would relocate to Wright-Patterson AFB, if Brooks closes?**

**ANSWER:** We estimate 12-20% of Armstrong Lab total personnel will not relocate, of which approximately half are those who choose not to relocate, and half are normal attrition. This is a manageable number, especially in light of our past and continuing laboratory personnel force structure reductions. We are confident this estimate is reasonable given our previous experience with skilled personnel in closing Air Force bases within BRAC and relocation of labs occurring outside BRAC. The numbers for not relocating typically comprises normal retirements, standard civilian turnover, early retirement, and those not willing to relocate. It is difficult to predict how many people will be willing to move in any closure situation. There are those who express an unwillingness to move today who will nevertheless choose to move later because of career, professional, or financial considerations.

We have scheduled six years for the closure of Brooks AFB, recognizing its complexities and other constraints. Because of this, normal attrition over that time will account for a number of the losses. We must also note that the San Antonio and Dayton areas have a well-established military heritage and similar economical and cultural environments for family living. Additionally, we have subelements of two major Armstrong Lab divisions already at Wright-Patterson AFB with associated personnel interchanges. It should be noted as well, that Armstrong Lab has a high military/civilian mixture (FY97/4) in the order of 60/40. Thus, it is less dependent on civilian workers than other labs.

We are confident that the Air Force can manage this move in a way that maintains quality personnel and work in the resultant setting. As a final observation, the DoD and government wide need to consolidate technical facilities is a great one. Meeting this challenge will necessarily involve disruption, in personnel, programs, and funding. It is nonetheless necessary and worth the disruption.

Document Separator



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

182  
950614-21

15 JUN 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr Frank Cirillo)

FROM: HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

SUBJECT: Response to 14 Jun 95 Questions for the Record

Attached is the Air Force response to your 14 Jun 95 Questions for the Record request. We have provided answers to all the questions, with the exception of those relating to Brooks AFB, which we intend to forward to you Friday, 16 Jun. I trust you will find this information useful.

A handwritten signature in cursive script, reading "Jay D. Blume Jr.", written in black ink.

JAY D. BLUME JR, Major General, USAF  
Special Assistant to Chief of Staff  
for Realignment and Transition

Attachment:  
Questions/Responses

**1. The FAA has projections of future trends in airline hiring. What airline hiring figures did the Air Force use in computing its future pilot training requirements?**

**ANSWER:** The Air Force uses a variety of sources to estimate the impact of airline hiring on future pilot retention. Projected retention estimates are then used to determine necessary pilot training production for force sustainment. Air Force airline hiring projections primarily rely on estimates generated by the Federal Aviation Administration. In particular, current estimates are based in part on the forecasts produced in the FAA's August 1993 Blue Ribbon Panel report, *Pilots and Aviation Maintenance Technicians for the Twenty-First Century: An Assessment of Availability and Quality* and the March 1995 *FAA Aviation Forecasts: Fiscal Years 1995-2006*. The Air Force estimates primarily focus on projections for the major air carriers, as they constitute the primary draw on military pilots. The Air Force also uses commercially-generated estimates to help validate Air Force forecasts.

**1a. What are your projections of Air Force pilot training requirements beyond the FYDP, and what is your uncertainty level with these projections?**

**ANSWER:** See attached 13 Jun 95 AF/RT Letter (Atch 1)

**2. In the event a jet instead of a turbo-prop aircraft is chosen for the JPATS, the Navy is likely to lose primary capacity at Whiting Field. If the Air Force intends to use its joint training program with the Navy as a relief valve for future increases in its pilot training requirements, how will this loss of training capacity at Whiting affect the Navy's ability to absorb Air Force requirements (assuming one Air Force UPT base is closed)?**

**ANSWER:** Even with one base closed, the Air Force has retained sufficient infrastructure to accomplish its proportional share of currently forecast primary pilot training. The Air Force is not relying on Navy capacity to complete its requirements.

**2a. If future increases in the Navy's Pilot Training Requirements force them to rely on Air Force training capacity, how will the closure of one Air Force UPT base affect your ability to absorb Navy requirements.?**

**ANSWER:** If one Air Force UPT base is closed, the Air Force will be operating at close to full capacity. We would have very little ability to absorb additional requirements, whether from the Navy or any other source.

**2b. Would the Air Force benefit from the retention of Meridian whether or not one Air Force UPT base is closed?**

**ANSWER:** The Air Force has limited confidence in the ability to expand the training mission at Meridian. Air Force UPT bases have three parallel runways and are optimized for volume training with multiple aircraft types. Meridian's dual offset runway configuration may affect its capability to accommodate more than one aircraft type for intensive training. Meridian also has lower total capacity than Air Force UPT bases.

**3. As the Commission prepares for its final deliberations, it would be helpful if we could have your views on Homestead Air Reserve Base's military value. Please comment on its value as a staging/divert base for Caribbean operations and as a peacetime training location as well as any other activities you believe to be militarily significant.**

**If the Commission were to close Homestead, would the Air Force lose its access to supersonic airspace presently used for training Homestead?**

**ANSWER:** Homestead's geographic location makes it a militarily strategic asset even while its facilities and infrastructure are still being restored for the Air Reserve Component missions there. This reconstruction and base operation system is designed to support training for our Air Force Reserve units and provides support for the Air National Guard air defense alert. In addition to on-base billeting and messing capacity, the base has access to off base contract services. Bivouac areas are also available within the cantonment. An example of this potential: in preparation for the possible Haiti invasion, the base hosted 11 Air Force KC-135s with crews and maintenance personnel, an Army aviation support group, and a helicopter assault group.

In regards to your airspace question. There is limited special use airspace and any loss can not readily be recovered due to airspace crowding and environmental concerns. Closure of Homestead does not preclude the use of this airspace; however, the distance the fighters would have to travel to get to supersonic airspace would make usage of this airspace less than optimal.

**4. If Brooks AFB closes, a large number of highly-skilled laboratory personnel may not relocate to Wright-Patterson AFB. Is the Air Force concerned about loss of laboratory personnel if Brooks AFB closes?**

**ANSWER:** Will be forwarded to Commission NLT 1000, 16 Jun

**4a. Setting aside COBRA standard factors, what is the Air Force's Brooks AFB specific estimate of the percentage of laboratory personnel which would relocate to Wright-Patterson AFB, if Brooks closes?**

**ANSWER:** Will be forwarded to Commission NLT 1000, 16 Jun

**5: In 1994, the Air Force Space Command, Air Force Material Command, and classified tenants at Onizuka Air Station conducted a study entitled "Single Node Operations Study" to assess the impact of closing the facility. The RDT&E Budget Item Justification Sheet shows an estimated cost of about \$788 million between fiscal years 1994 and 2001 for development of new satellite control network capabilities. Please describe this RDT&E effort and how it pertains to Onizuka AS.**

**ANSWERS:** *Note: The Single Node study performed by units at Onizuka AS is not connected to the RDT&E effort to upgrade the Air Force Satellite Control Network(AFSCN).* The RDT&E effort (atch 2) of the AFSCN funds the development, acquisition and engineering needed to continue the evolution of this highly reliable national satellite tracking, telemetry, commanding and data relay capability to meet the requirements of the operational and developmental DoD, National, Civil, and Allied satellite systems. The AFSCN is a global network of control centers, remote tracking stations and communications links which provide the earth-to-space connection required for operation of military satellite. Onizuka AS is part of the AFSCN infrastructure. Funds in this RTD&E package will be used at Onizuka AS for engineering to insure maintainability and operational support based on user needs.

**5a. What is the status of the RDT&E budget effort?**

**ANSWER:** The status of this RDT&E budget effort (0305110F) is fully funded. The current program cost are identified at Atch 2. These are the most current numbers. The upgrade of the AFSCN was not derived as a result of the proposed realignment of Onizuka AS. The upgrade of the AFSCN is required with or without the realignment of Onizuka AS to reduce the cost of satellite operations. The cost of the upgrade includes Onizuka AS as an integral part of the global network. The proposed realignment of Onizuka AS does not increase the cost of this RTD&E effort to upgrade the AFSCN.

**5b. What is the current cost estimate for developing and implementing this capability?**

**ANSWER:** The current program costs are identified at attachment one. These are the most current numbers.

**5c. Relate this expense to the Air Force recommendation for Onizuka AFB?**

**ANSWER:** The upgrade of the AFSCN is required with or without the Onizuka realignment. The cost of the upgrade includes Onizuka AS as an integral part of the global network. The proposed realignment of Onizuka AS does not increase the cost of this RTD&E effort.

**5d. Is it the Air Force's position that two fully functional satellite control nodes (that is, at Onizuka AS and Falcon AFB) are no longer required ?**

**ANSWER:** Yes

**5e. Can that capability be provided by other means? If so, how?**

**ANSWER:** Redundancy will be provided through a distributed architecture that in an integral part of the AFSCN upgrade.

**5f. When will the Air Force have a satellite control network communication architecture in place to provide redundancy ?**

**ANSWER:** 2001

**5g. Will the proposed BRAC 95 action to realign Onizuka Air Station in any way increase the risk associated with satellite control or reduce redundancy ?**

**ANSWER:** No increased risk is expected with the realignment of Onizuka. The present "node" as it exists today will remain in place until the programmed upgrade to the AFSCN is complete.

**6. As you know, the Hill community has suggested the tactical missile workload could be transferred from Letterkenny Army Depot to Hill AFB. Community officials have indicated shortage facilities, repair facilities, personnel and equipment are available to accommodate this workload at little or no cost. They believe this is a more attractive option than DoD's proposal, which move the workload from Letterkenny to Tobyhanna Army Depot. Does the Air Force endorse transfer of this workload to Hill AFB?**

**ANSWER:** The Air Force is not seeking any tactical missile workload from Letterkenny Army Depot (LEAD) and supports the Department of Defense BRAC submission related to tactical missile consolidation

**6a. Do the missile storage facilities need to be located adjacent to the depot?**

**ANSWER:** There is adequate tactical missile storage at Hill AFB to meet the maintenance and repair workload requirements. The Air Force does not

understand or support the requirement to collocate all the DoD tactical missile storage with the depot maintenance and repair function. Collocation of tactical missile storage with the maintenance and repair function is not consistent with present DoD storage requirements and procedures. The storage requirements and number of locations is a function of vulnerability assessments and operational requirements; each tactical missile program manager in conjunction with the Services owning the storage facilities determines the storage requirements and locations.

**6b. Can all or some portion of the missiles be absorbed by Hill AFB? At what cost?**

**ANSWER:** It is our understanding that the Hill community has two proposals to consolidate the tactical missile work at Hill AFB. One proposal consolidates all the tactical missile work at Hill AFB and the other proposal consolidates only the Air Force and Navy Maverick and Sidewinder guidance and control section workloads.

The Air Force BRAC office has not conducted any COBRA analysis on the consolidation of DoD tactical missile workload at Hill AFB; therefore, we can only comment in general terms. At the direction of the Commission Staff, the Army was tasked on April 26, 1995, to examine a BRAC 93 re-direct proposal to realign the tactical missile workload (including missile disassembly, storage, and maintenance of guidance and control systems) from Letterkenny Army Depot to Hill AFB. Representatives from the Army and Air Force conducted a quick study in the first week of May 1995, to comply with the Commission's tasking. Based on that study, it was determined that Hill AFB has the facilities to support the DoD tactical missile workload with some additional MILCON (\$0.7M-Air Force estimate to \$5.2M-Army estimate for the Patriot and ATACMS). In support of the Commission tasking, Hill AFB estimated the total cost to consolidate the tactical missile work at Hill AFB would be \$27.7M. This cost estimate pertains to the gaining site only; losing site costs were not included but should be similar in nature. The Hill cost estimate for the gaining site includes the costs for MILCON, equipment transfer, inventory transfer, first article test, training, facility modifications, equipment purchase, and interim contractor support. The Army BRAC office reviewed the Hill AFB cost estimate and increased Hill's proposal by \$13.7M.

In our response, dated 20 Jan 1995, to a tasking from the Joint Cross-Service Group for Depot Maintenance our preliminary analysis indicated that Hill AFB has both the facilities required and the workforce capability to accept the entire workload within their current infrastructure. At that time, we stated that approximately \$8-10 million of Letterkenny cost avoidance could be achieved by adopting Hill AFB as the single DoD consolidation site for this workload.

We have not seen the cost analysis provided by the Hill community that consolidates only the Air Force and Navy Maverick and Sidewinder guidance and control section workloads, therefore, we can not comment. The Navy and Air Force Maverick and Sidewinder guidance and control work is currently being supported at Hill AFB. If this work were to remain at Hill AFB, there would be no costs associated with facilities or transferring equipment.



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

'13 JUN 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr Frank Cirillo)

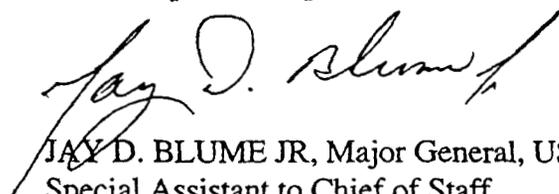
FROM: HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

SUBJECT: Response To Request for Analysis of Air Force UPT Requirements For The Long-Term

Per your 2 June, 1995 request, AF/XO and AF/DP analyzed Air Force UPT requirements for the long-term. This analysis was conducted for the years beyond the BRAC "time-line" capacity analysis of FY01. This long-term AF/XO and DP analysis supports the original analysis that the Air Force has enough excess capacity to close a single UPT base.

The problem with conducting a capacity analysis for the long-term is that it is impossible to quantify the requirements for pilot production that many years in the future. The Air Force is aware of several potential increases in requirements. The Air Reserve Component (ARC) hiring pool may shrink beginning in FY02 as small UPT year groups produced during the active duty drawdown reach the end of their Active Duty Service Commitment. The conversion to the Joint Primary Aircraft Training System will reduce capacity during the transition from the T-37, currently projected to begin in FY02. In addition, downturns in retention and force structure adjustments could also require changes in production rates. However, the Air Force can respond to these possible out-year capacity problems with programs to increase capacity, production, and retention. None of these measures are considered extreme, as the Air Force has historically and successfully responded to fluctuations in pilot requirements since its conception.

The Air Force stands by its analysis that if it must close a UPT base, Reese AFB is the right choice. Closing one base would leave a reasonable margin for uncertainty in out-year requirements, including surges. The XO and DP analysis determined that closing two bases, however, would clearly leave a gap in production capacity even before acknowledging the possibility of increased requirements. I hope this information proves helpful.

  
JAY D. BLUME JR, Major General, USAF  
Special Assistant to Chief of Staff  
for Realignment and Transition

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE		February, 1995	
BUDGET ACTIVITY		7 - Operational System Development	
PE NUMBER AND TITLE		0305110F Satellite Control Network	
PROJECT		3276	
COST (in Thousands)		Total Cost	
FY 1994	Actual	FY 2001	Estimate
FY 1995	Estimate	FY 2000	Estimate
FY 1996	Estimate	FY 1999	Estimate
FY 1997	Estimate	FY 1998	Estimate
FY 1998	Estimate	89,655	Estimate
FY 1999	Estimate	112,705	Estimate
FY 2000	Estimate	115,532	Estimate
FY 2001	Estimate	119,878	Estimate
3276 Satellite Control Network (SCN)		Continuing	

(U) A. Mission Description and Budget Item Justification

(U) The AF Satellite Control Network (AFSCN) is a global network of control centers, remote tracking stations, and communications links which provide the earth-to-space connection required for operation of military satellites. The AFSCN provides satellite and payload command and control, and mission data relay using Mission Control Centers in California and Colorado and the Global Remote Tracking Stations (RTS). Because the AFSCN operations are continuous, system improvements must occur in parallel with operations of the growing inventory of national security space vehicles. This AFSCN project funds the development, acquisition, and engineering needed to continue the evolution of this highly reliable national satellite tracking, telemetry, commanding, and data relay capability to meet the requirements of the operational and developmental DoD, National, Civil, and Allied satellite systems. Since this effort supports a funded system, it is in the budget activity/research category Operational Systems Development.

(U) Satellite systems must have contact with ground based command & control systems to operate. The AFSCN is the DoD common user satellite control network. The AFSCN is maintained, operated and improved using funding provided in three FY's. The AFSCN provides satellite state-of-health for the following operational satellite systems: DMSP, GPS, DSCS, DSP, FLTSAT, MSTAR, GEOSAT, Skynet, NATO III/IV, and Classified Programs. It controls on orbit spares and orbit changes of satellite programs with dedicated mission networks. It also supports these and other systems with mission data relay.

(U) The SCN has an aggressive improvement & modernization (I&M) program to reduce the cost of satellite operations in the future and to operate effectively with fewer, lower skilled personnel. The primary focus of the I&M program is upgrades to the Command and Control Segment and the Communications Segment. Both are planned to be accomplished on a time phased approach exploiting commercial developments, using an evolutionary acquisition strategy.

(U) The Command and Control Upgrades, an evolutionary upgrade, will move satellite command and control from a mainframe-based, centralized computer architecture to a workstation-based, open architecture using advanced high speed data links. When developed and fielded, this will facilitate a 30% reduction in O&M for the command and control segment. In addition, the SCN will have greater capability and capacity with increased standardization and interoperability.

(U) The Communications Upgrades eliminate the current, costly point-to-point AFSCN communications network and replaces it with a communications grid system that integrates government and commercial networks. This new architecture will eliminate costly infrastructure, enable surge capability, and provide a minimum 25% savings in O&M costs over the current systems. This will greatly improve capacity, reliability, data quality, and user access to the network.

(U) Research category is Operational Systems Development. Development of new satellite control capabilities is essential to the operational capability of current and new satellite systems. The project number for the entire Program Element is 3276.

RD&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE
February, 1995		
BUDGET ACTIVITY		
7 - Operational System Development		
PE NUMBER AND TITLE	PROJECT	
0305110F Satellite Control Network	3276	

(U) FY 1994	Command and Control Segment (CCS):	(U) Command and Control Segment (CCS):
-	(U) Continued CCS upgrades by beginning distributed architecture workstation-based control prototyping. Continued developing commercial off-the-shelf (COTS)-based open and distributed system architecture for Falcon AFB Satellite Operations Centers (SOC). Scheduled completion FY 03 (\$5,200)	(U) Continued developing user-requested modifications to command and control segment (\$21,700)
-	(U) Communications Segment:	(U) Begin design specification for the communication segment upgrades and provide beginning of open architecture to the AFSCN control nodes. Complete definition of new archiving equipment specifications for upgrade of both control nodes. Comm Upgrade scheduled program completion FY 01 (\$1,800)
-	(U) Range Segment:	(U) Continued developing user-requested modifications to command and control segment (\$10,900)
-	(U) Systems Engineering and Integration:	(U) Continued developing user-requested modifications to the range segment (\$1,900)
-	(U) Continue system engineering, development and integration of network hardware/software to meet evolving satellite program requirements at Onizuka AFB, Falcon AFB, and the Remote Tracking Stations (RTS) (\$21,100)	(U) Command and Control Segment:
(U) FY 1995		(U) C <sup>2</sup> Upgrades: Develop system architecture, documentation, and lab demonstration equipment necessary to support development contract for workstation based, Simplified Satellite Operations System for satellite command and control mission. Objective: open architecture "plug-and-act," increased efficiency, reduced hardware/software maintenance costs, and reduced manpower to operate. Complete development of functional requirements document and employing concept. Identify system implementation alternatives for further technical evaluations. Begin assessments of those satellite control products in the Demonstration Lab. Pursue a system development approach in cooperation with other government efforts. Scheduled program completion FY 01 (\$18,300)
-	(U) Continue developing user-requested, priority work group required modifications (\$8,600)	(U) Continue Communications Segment (\$25,800):
-	(U) Continue developing engineering and integration of standardized telemetry recorder to mission control centers and tracking sites. Initiate development of hardware (I/W) and software (S/W) for Wide Area Interface Unit (WAIU) for installation at the control nodes and remote tracking stations. Initiate the development of the Centralized Control and Monitoring (CCM) of network communications at the control nodes and remote tracking stations. Comm Upgrade completion FY01 (\$18,900)	(U) Range Segment: Continue developing user-requested modifications to range segment (\$2,000)
-	(U) Systems Engineering and Integration: Continue system engineering and development of network hardware/software to meet evolving satellite program requirements at Onizuka AFB, Falcon AFB, and the RTS's (\$24,512)	

RDTE BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE
February, 1995		
BUDGET ACTIVITY		PROJECT
7 - Operational System Development		3276
PE NUMBER AND TITLE		
0305110F Satellite Control Network		

(U) FY 1996

- (U) Command & Control Segment:
  - (U) Complete prototype of workstation-based control environment and perform functional assessment in the Demonstration Lab. Complete development of specification, contract actions, and initiate acquisition of selected distributed architecture Command & Control System Upgrade. These upgrades are consistent with the US Space Command developed "Ring-and-Line" architecture. The four Satellite Operations Centers (SOC) to be modernized are: SOC 31A (GPS), SOC 31B (DSP & DMSF), SOC 33 (Comm Sat), and SOC 34 (Military). Work will begin on one in FY 96. CCS Upgrade scheduled completion FY 01 (\$27,000)
  - (U) Continue developing priority user-requested modifications to command and control (\$3,800)
  - (U) Communications Segment:
    - (U) Continue Communications upgrades by completing engineering and integration of standardized telemetry recorder to mission control centers and tracking sites. Initiate development of hardware (H/W) and software (S/W) for Wide Area Network Interact Unit (WANIU) for installation at the control nodes and remote tracking stations. Initiate the development of the Centralized Control and Monitoring (CCM) of network communications at the control nodes and remote tracking stations. Begin voice upgrades and solid state switch replacement. Comm Upgrade scheduled completion FY 01 (\$33,900)
    - (U) Continue developing priority user-requested modifications to the communications segment (\$1,100)
    - (U) Range Segment: Continue developing priority user-requested modifications to range segment (\$2,000)
    - (U) Systems Engineering and Integration: Continue system engineering and development of network hardware/software to meet evolving satellite program requirements at Outzuka AFB, Falcon AFB, and the RTS's (\$21,900)

(U) FY 1997

- (U) Command & Control Segment:
  - (U) Continue acquisition, installation, and test of upgrades to C<sup>2</sup> system for first of four Falcon AFB Satellite Operations Centers (SOC), and begin upgrades on the second SOC. CCS Upgrade scheduled program completion FY 01 (\$26,000)
  - (U) Continue developing priority user-requested modifications to command and control segment (\$9,800)
  - (U) Communications Segment:
    - (U) Complete development of WANIU and CCM H/W and S/W and begin development of voice circuit improvements. Comm Upgrade scheduled completion FY 01 (\$32,100)
    - (U) Continue developing user-requested modifications to the communications segment (\$3,400)
    - (U) Range Segment: Continue developing user-requested modifications to range segment (\$3,000)
    - (U) Systems Engineering and Integration: Continue system engineering and development of network hardware/software to meet evolving satellite program requirements at Outzuka AFB, Falcon AFB, and the RTS's (\$21,100)

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)					DATE					
					February, 1995					
BUDGET ACTIVITY	PE NUMBER AND TITLE				PROJECT					
7 - Operational System Development	0305110F Satellite Control Network				3276					
(U) <u>B. Program Change Summary (\$ in Thousands)</u>										
	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>Total Cost</u>					
(U) Previous President's Budget	96,095	101,146	96,482	100,957	Continuing					
(U) Appropriated Value	100,000	83,000								
(U) Adjustments to Appropriated Value										
a. Cong Gen Reductions	-3,905	-2,213								
b. SBIR	-1,499	-1,534								
c. Omnibus and Other Above Threshold Reprogram	-12,000									
d. Below Threshold Reprogramming	-3,712	-21								
(U) Adjustments to Budget Years since FY 95 PB			-6,765	-5,522						
(U) Current Budget Submit/President's Budget	78,884	79,232	89,717	95,435	Continuing					
(U) <u>Change Summary Explanation:</u>										
Funding: Reductions due to Omnibus reprogramming action and undistributed Congressional reductions.										
Schedule: No changes.										
Technical: Not Applicable.										
(U) <u>C. Other Program Funding Summary (\$ in Thousands)</u>										
	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>To</u>	<u>Total</u>
(U) Other Procurement, Budget Activity: 83, Program Title: AFSCN, BPAC 83440	30,005	25,629	25,495	28,052	32,551	37,629	39,487	40,380	Continue	Continue
<u>Related RDT&amp;E:</u>										
(U) Not Applicable.										

BUDGET ACTIVITY		7 - Operational System Development	
PE NUMBER AND TITLE		0305110F Satellite Control Network	
PROJECT		3276	
DATE	February, 1995		

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2-Exhibit)

BUDGET ACTIVITY	FY 1994				FY 1995				FY 1996				FY 1997			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
(U) D. Schedule Profile																
(U) Complete spec for archival equip																
(U) Relocate Network Status and Scheduling workstations																
(U) Provide prototype common workstations/local area network (C2)																
(U) Prototype SSOP																
(U) Initiate development of WIU & CCM																
(U) Initiate procurement of communications data archiving equipment for installation at Falcon & Onizuka																
(U) Deliver standardized recorders																
(U) Complete CCS Cartridge Tape Upgrade																
(U) Complete prototype of distributed workstation control architecture																
(U) Complete specification development for distributed workstation architecture																
(U) RFP/CP for WIU development																
(U) Complete development of Wide Area Network Interface Unit (WIU) and initiate procurement																
(U) Install WIU at Colorado Trg Station																
(U) Complete Archival equipment installations - FY98																
(U) Install WIU at three remote tracking stations - FY98																

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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)													DATE											
BUDGET ACTIVITY													PROJECT											
7 - Operational System Development													0305110F Satellite Control Network		3276									
													FY 1994		FY 1995		FY 1996		FY 1997					
													1	2	3	4	1	2	3	4	1	2	3	4
(U) Complete Centralize Control and Monitor development - FY99																								
(U) Design spec for Planning and Evaluation side replacement - FY99																								

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Exhibit R-2

UNCLASSIFIED

RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)		DATE		
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT		
7 - Operational System Development	0305110F Satellite Control Network	3276		
(U) A. <u>Project Cost Breakdown (\$ in Thousands)</u>				
	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
(U) Command and Control Segment	26,967	26,900	30,800	35,800
(U) Communications Segment	19,769	25,800	35,000	35,500
(U) Range Segment	4,011	2,000	2,000	3,000
(U) Systems Engineering and Integration	28,137	24,532	21,917	21,135
(U) Total	78,884	79,232	89,717	95,435
(U) B. <u>Budget Acquisition History and Planning Information (\$ in Thousands)</u>				
(U) Not Applicable.				

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Exhibit R-3

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA  
REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

June 14, 1995

Major General Jay D. Blume, Jr. (ATTN: Lt Col Tripp)

Special Assistant to the Chief of Staff

for Base Realignment and Transition

Headquarters USAF

1670 Air Force Pentagon

Washington, D.C. 20330-1670

183

950615-29

Dear General Blume:

At the June 14 Commission hearing, Chairman Dixon requested the Secretary of the Air Force and the Chief of Staff comment on procedures required after the current base closure process ends and a commission no longer exists. General Fogleman stated that the Commission should recommend to the Congress the creation of a "sunset clause" for actions mandated by the Commission. We would like the Air Force to elaborate on the specifics regarding this "sunset clause", and provide any additional suggestions for the Commission to consider on this issue.

In order to assist the Commission with this issue, I would appreciate this information no later than June 21, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr.

Air Force Team Leader

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950615-29

FROM: CIRILO, FRANK	TO: BLUME, JAY
TITLE: AF TEAM LEADER	TITLE: SPECIAL ASST
ORGANIZATION: DBCRC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (S) DISCUSSED:	

OFFICE OF THE CHAIRMAN			COMMISSION MEMBERS										
CHAIRMAN DIXON	STAFF DIRECTOR	EXECUTIVE DIRECTOR	GENERAL COUNSEL	MILITARY EXECUTIVE	DIR./CONGRESSIONAL LIAISON	DIR./COMMUNICATIONS	EXECUTIVE SECRETARIAT	ARMY TEAM LEADER	NAVY TEAM LEADER	AIR FORCE TEAM LEADER	INTERAGENCY TEAM LEADER	CROSS SERVICE TEAM LEADER	DIR./INFORMATION SERVICES
	✓	✓	✓							✓	✓		
COMMISSIONER CORNELIA	COMMISSIONER COX	COMMISSIONER DAVIS	COMMISSIONER KING	COMMISSIONER MONTVOYA	COMMISSIONER ROBLES	COMMISSIONER STEELE	REVIEW AND ANALYSIS	DIRECTOR OF R & A	ARMY TEAM LEADER	NAVY TEAM LEADER	AIR FORCE TEAM LEADER	INTERAGENCY TEAM LEADER	CROSS SERVICE TEAM LEADER

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature	Prepare Reply for Staff Director's Signature	ACTION: Offer Comments and/or Suggestions	✓	FYI
Prepare Reply for Commissioner's Signature	Prepare Direct Response			

Subject/Remarks:

PLEASE OFFER SUGGESTIONS REGARDING "SUNSET CLAUSE" FOR ACTIONS MANDATED BY THE COMMISSION THAT GENERAL FOGLEMAN SPOKE ABOUT IN JUNE 14 HEARING.

Due Date:

Routing Date: 950615

Date Originated: 950614

Mail Date: 950615

June 9, 1995

Major General Jay Blume (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

Dear General Blume:

As you know, the Commission has been considering the possibility of realigning Letterkenny Army Depot and possibly sending some of the tactical missile maintenance work to Hill Air Force Base. Community officials supporting the Hill community have aggressively pursued this alternative. Recently, Hill community representatives have suggested that only guidance and control section workloads should be retained at Hill because they are currently doing half of DOD's guidance and control section workload. They say experienced personnel, equipment, and facilities are already in place to handle the work.

If the Commission decides to realign Letterkenny Army Depot, as suggested by the Secretary of Defense, does the Air Force support the Hill community proposal to decentralize tactical missile maintenance. Under the community's proposal only Air Force and Navy Maverick and Sidewinder guidance and control section workloads would be assigned to Hill. Is the community correct in its claim that the work could be transferred to Hill at no additional cost? Finally, what does the Air Force see as the advantages or disadvantage of the Hill proposal?

Because we are rapidly approaching the final Commission deliberations, request you provide comments no later than 14 June 1995. Thank you for your assistance. I appreciate your time and cooperation.

Sincerely,

Francis A. Cirillo, Jr., PE

Air Force Team Leader

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION  
1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:  
AL CORNELLA  
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S. LEE KLING  
RADM BENJAMIN F. MONTOKA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

May 17, 1995

149  
Please refer to this number  
when responding 950518-8  
RI

Major General Jay Blume (ATTN: Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

Dear General Blume:

Approximately one year ago, the Air Force prepared "level playing field" COBRAs for all five ALC installations. Now that the Commission has determined that all five should be considered for closure, we required updated COBRAs for these installations.

Please update the level playing field closure COBRAs for each of the five ALC installations and forward them, along with all back-up worksheets, to the Commission by 24 May 1995. Please also prepare and submit a statement which articulates the impact of closure on the missions at each installation.

Sincerely,

Francis A. Cirillo Jr., PE  
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

25 MAY 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

149

950518-8

Defense Base Closure and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, VA 22209

Dear Mr Cirillo

This is in response to your letter of May 17, 1995, requesting updated level playing field COBRAs for all five ALC installations. As these are updated level playing field COBRAs, the Air Force would like to retain the flexibility in beddown location for force structure moves should the commission choose to close one of these depots. By separate cover, I will forward to you a number of operational aspects associated with the closure of these ALC installations.

We trust this information is useful for your analysis.

Sincerely

JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachments:

1. Hill AFB COBRA
2. Kelly AFB COBRA
3. McClellan AFB COBRA
4. Robins AFB COBRA
5. Tinker AFB COBRA
6. Disk Copy of COBRAs

Document Separator

**HILL AFB**  
**FOR**  
**FOCUSED COBRA ANALYSIS**

Department : Air Force  
 Option Package : Focused Hill AFB  
 Scenario File : C:\COBRA508\AF-ONLY\0522\HIL0523.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\0522\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2028 (27 Years)

NPV in 2015(\$K): 441,540  
 1-Time Cost(\$K): 1,293,079

	Net Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	140,920	160,902	92,720	127,490	63,745	92,720	678,497	0
Person	1,142	-710	3,771	8,901	9,768	-17,529	5,343	-49,112
Overhd	2,048	6,767	2,153	1,065	-2,438	-11,824	-2,229	-21,897
Moving	21,368	55,374	106,866	129,800	107,303	25,548	446,259	0
Missio	0	0	0	0	0	0	0	0
Other	3,864	8,645	19,312	23,309	19,330	34,444	108,904	0
<b>TOTAL</b>	<b>169,342</b>	<b>230,977</b>	<b>224,822</b>	<b>290,565</b>	<b>197,709</b>	<b>123,358</b>	<b>1,236,775</b>	<b>-71,009</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	60	60
Enl	0	0	0	0	0	483	483
Civ	0	0	0	0	0	651	651
TOT	0	0	0	0	0	1,194	1,194

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	21	186	104	150	104	5	570
Enl	81	2,068	400	763	404	16	3,732
Stu	0	0	0	0	0	0	0
Civ	407	1,056	2,024	2,461	2,046	299	8,293
TOT	509	3,310	2,528	3,374	2,554	320	12,595

Summary:

-----  
 Update level playing field COBRA for Hill AFB. Close entire installation.  
 Move 729 ACS, 84 RADS, and 36 F-16s to Cannon and 18 F-16s to Shaw.  
 Retain ANG unit in range cantonment. Move flight test squadron and munition  
 squadron with ALC workload. OO-ALC workload moved to SM-ALC (39%), OC-ALC  
 (37%), WR-ALC (14%), and SA-ALC (10%). ICBMs moved to OC-ALC and munitions  
 maintenance moved to SA-ALC. Remaining base population moved to Base X.  
 Updated manpower transfers, eliminations, and one-time unique costs based on  
 new manpower worksheets from AF/PEP and revised MILCON costs from AF/CE & LGMM

Department : Air Force  
 Option Package : Focused Hill AFB  
 Scenario File : C:\COBRAS08\AF-ONLY\0522\HIL0523.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\0522\DEPOT.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	140,920	160,902	92,720	127,490	63,745	92,720	678,497	0
Person	1,734	10,875	16,092	21,357	22,224	21,198	93,480	15,887
Overhd	2,048	8,872	9,415	12,642	15,586	16,593	65,156	11,580
Moving	21,529	58,913	107,657	131,233	108,101	25,581	453,013	0
Missio	0	0	0	0	0	0	0	0
Other	3,864	8,645	19,312	23,309	19,330	34,444	108,904	0
<b>TOTAL</b>	<b>170,094</b>	<b>248,207</b>	<b>245,197</b>	<b>316,031</b>	<b>228,987</b>	<b>190,536</b>	<b>1,399,051</b>	<b>27,467</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	592	11,585	12,321	12,455	12,455	38,727	88,137	64,999
Overhd	0	2,105	7,262	11,576	18,024	28,418	67,386	33,477
Moving	160	3,539	791	1,433	797	33	6,754	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>752</b>	<b>17,229</b>	<b>20,375</b>	<b>25,465</b>	<b>31,277</b>	<b>67,178</b>	<b>162,277</b>	<b>98,476</b>

# COBRA MANPOWER IMPACT WORKSHEET

BASE: HILL (Based on New Manpower Worksheet from AF/PEP)

DESCRIPTION: Close Hill AFB. Move 729 ACS, 84 RADS, and 36 F-16s to Cannon and 18 F-16s to Shaw. Retain ANG unit in range cantonnement. Move flight test squadron and munitions squadron with ALC workload. OO-ALC workload moved to SM-ALC (39%), OC-ALC (37%), WR-ALC (14%), and SA-ALC (10%). ICBMS moved to OC-ALC and munitions maintenance to SA-ALC.

Source	Officer	Amn	Civilians	Total
94/4 AF Base Population	617	3949	8691	13257
Non-AF Tenant Population	0	0	539	539
1. Defense Logistics Agency	0	0	0	0
2. Defense Commissary Agency	0	0	0	0
3. Defense Accounting Office	1	8	146	155
4. Defense Information Services	4	48	359	411
	5	56	1044	1105
94/4 Total Base Population	622	4005	9735	14362
Screen 4 input				
BRAC95 Manpower Baseline 12/02/94				
97/4 Adj Base Pop	635	4214	7974	12823
BRAC Manpower Impact Estimate 5/22/95				
(Total from above)	5	56	1044	1105
97/4 Adj Total Base Population	640	4270	9018	13928
97/4 Adj total pop minus 94/4 total base pop. Screen 6 input	18	265	-717	-434
Force Structure Changes				
Eliminations	-60	-483	-651	-1194
BRAC Manpower Impact Estimate 5/22/95. Screen 6 input				
Cumulative Screen 3 inputs	580	3787	8367	12734
Total Movements	580	3787	8367	12734

## ORGANIZATIONAL MOVES

Transfer to:	1996	1997	1998	1999	2000	2001 Totals
Cannon	0	0	0	0	0	0
Officers	0	16	0	0	0	16
Amn	0	231	0	0	0	231
Civilians	0	18	0	0	0	18
<b>Totals</b>	<b>0</b>	<b>247</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>265</b>

Transfer 729 ACS to:  
ACC Moves - Enter on Screen 3

Transfer to:	1996	1997	1998	1999	2000	2001 Totals
Shaw	0	0	0	0	0	0
Officers	0	33	0	0	0	33
Amn	0	547	0	0	0	547
Civilians	0	41	0	0	0	41
<b>Totals</b>	<b>0</b>	<b>580</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>621</b>

Transfer 18 F-16C/D to:  
ACC Moves - Enter on Screen 3

Transfer to:	1996	1997	1998	1999	2000	2001 Totals
Cannon	0	0	0	0	0	0
Officers	0	65	0	0	0	65
Amn	0	1027	0	0	0	1027
Civilians	0	133	0	0	0	133
<b>Totals</b>	<b>0</b>	<b>1102</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1225</b>

Transfer 36 F-16C/D to:  
ACC Moves - Enter on Screen 3

Transfer to:	1996	1997	1998	1999	2000	2001 Totals
Cannon	0	0	0	0	0	0
Officers	0	29	0	0	0	29
Amn	0	102	0	0	0	102
Civilians	0	52	0	0	0	52
<b>Totals</b>	<b>0</b>	<b>81</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>183</b>

Transfer to:  
84 RADS - Enter on Screen 3

# COBRA MANPOWER IMPACT WORKSHEET

## DEPOT MOVEMENTS

Officers	144
Amn	203
Civilians	<u>5015</u>
Total	<u>5362</u>

Source:  
BRAC95 Manpower Impact Worksheet  
Dated 5/22/95 provided by  
LTC Callahan, PEP. Manpower figures  
reflect FY97/4 endstrength and include BOS  
Flight test squadron (17 off, 90 amn, 9 civs) added to  
McClellan. Munitions sq (9 off, 192 amn, 23 civs)  
added to Kelly.

### Workload Transfer Percentages

Kelly	10%
McClellan	39%
Tinker	37%
Robins	<u>14%</u>
	<u>100%</u>

Source:  
Workload percentages provided by  
HQ AFMC based on AFMC 21 study

Transfer to:		5%	10%	25%	30%	25%	5%	
Kelly		1996	1997	1998	1999	2000	2001	Totals
(includes munitions squadron)	Officers	1	2	4	14	2	0	23
	Amn	1	2	5	198	6	0	212
	Civilians	26	51	126	174	148	0	<u>525</u>
								<u>760</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
McClellan		1996	1997	1998	1999	2000	2001	Totals
(includes flight test squadron)	Officers	3	6	14	34	16	0	73
	Amn	4	8	20	114	23	0	169
	Civilians	98	196	489	596	489	97	<u>1965</u>
								<u>2207</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
Tinker		1996	1997	1998	1999	2000	2001	Totals
	Officers	3	6	14	16	14	0	53
	Amn	4	8	19	23	19	2	75
	Civilians	93	186	464	557	464	92	<u>1856</u>
								<u>1984</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
Robins		1996	1997	1998	1999	2000	2001	Totals
	Officers	1	2	5	6	5	1	20
	Amn	2	3	7	9	7	0	28
	Civilians	36	71	176	211	176	32	<u>702</u>
								<u>750</u>

### BASE X Movements - Remaining Population Moved to Base X on Screen 3

Transfer to:		5%	10%	25%	30%	25%	5%	
Base X		1996	1997	1998	1999	2000	2001	Totals
	Officers	13	27	67	80	67	4	258
	Amn	70	140	349	419	349	14	1341
	Civilians	154	308	769	923	769	78	<u>3001</u>
								<u>4600</u>

# BRAC MANPOWER IMPACT ESTIMATE

HILL AFB

AUG 94 BASELINE

	FY 97					TOTAL
	OFF	AMN	CIV	ACTIVE	DRILL	
ADJUSTED BASELINE POPULATION	527	3,661	6,845	11,033	93	11,126
MISSION & BOS TO MOVE	367	2,944	6,303	9,614	93	9,707
Move 729 ACS	16	225	1	242	0	242
BOS tail	0	6	17	23	0	23
Move ALC	140	107	4714	4961	0	4961
BOS tail	4	96	301	401	0	401
ALC consolidation savings (6% of ALC)	9	7	301	317	0	317
BOS tail	0	6	19	25	0	25
Retain ANG unit in range cantonment	0	2	8	10	93	103
BOS tail	0	1	2	3	0	3
Move 18 F-16s to Shaw	32	534	0	566	0	566
BOS tail	1	13	41	55	0	55
Move 36 F-16s to Cannon	63	984	0	1047	0	1047
BOS tail	2	43	133	178	0	178
Move munitions squadron with ALC	9	187	8	204	0	204
BOS tail	0	5	15	20	0	20
Retain training range in cantonment	10	50	58	118	0	118
BOS tail	0	2	8	10	0	10
Move flight test squadron with ALC	17	88	1	106	0	106
BOS tail	0	2	8	10	0	10
Move 84 RADS	29	98	40	167	0	167
BOS tail	0	4	12	16	0	16
Move AETC recruiting	8	34	3	45	0	45
BOS tail	0	1	3	4	0	4
Other mission & BOS to move	27	449	610	1086	0	1086
Support manpower retained	109	247	211	567	0	567
<b>Estimated closure BOS savings</b>	<b>51</b>	<b>470</b>	<b>331</b>	<b>852</b>	<b>0</b>	<b>852</b>
<b>Net savings (includes consolidation)</b>	<b>60</b>	<b>483</b>	<b>651</b>	<b>1194</b>	<b>0</b>	<b>1194</b>

Assumes:

- AFRES unit draws down prior to closure as force structure reduction (baseline adjusted)
- 485th EIG redirected by BRAC95 (adjusted in baseline)

### 1 Time Unique Costs

Production Transition Costs		\$49,825,312
Environmental Studies		\$ 5,700,000
Civilian Terminal Leave		\$4,155,591
Rearrangement Costs		\$ 10,647,000
	Sub-Total	\$ 70,327,903
Base Conversion Agency Costs		\$ 30,000,000
	Total	\$ 100,327,903

SOURCE:

PTC Spreadsheet  
 1 EIS (\$1.2M) & 6 EAs(\$750K ea)  
 Civ Term Lv Spreadsheet  
 AFMC 21 Certified Data

Added to Last Year

Time Phasing

FY96	5%	\$ 3,516,395
FY97	10%	\$ 7,032,790
FY98	25%	\$ 17,581,976
FY99	30%	\$ 21,098,371
FY00	25%	\$ 17,581,976
FY01	5%	\$ 33,516,395
Total	100%	\$ 100,327,903

### 1 Time Moving Costs

\$189,980,440  
 \$23,954,713  
\$62,536,326  
 \$276,471,479

Source: Eqpt Transportation Spreadsheet  
 Transportation of ICBMs (AFMC 21)  
 Transportation of Munitions (AFMC 21)

Time Phasing

FY96	5%	\$ 13,823,574
FY97	10%	\$ 27,647,148
FY98	25%	\$ 69,117,870
FY99	30%	\$ 82,941,444
FY00	25%	\$ 69,117,870
FY01	5%	\$ 13,823,574
Total	100%	\$ 276,471,479

### Land Purchases

(See Memorandum for details)

Location	Acres	Cost/Acre	Total
Tinker AFB	31782	700	\$ 22,247,400
Kelly AFB	1000	400	\$ 400,000
			\$ 22,647,400

## Production Transition Costs

**Purpose:** This worksheet calculates Production Transition Costs (formerly called Interim Production Support costs) for realignment alternatives. Data will be used to evaluate the cost impact of consolidating Air Logistic Center workloads.

(A) REQUIREMENT - LOSING ORGANIZATION		DPAH			HOURS MOVED
	FY 96	5%	5,151,000		257,550
	FY 97	10%	4,951,000		495,100
	FY 98	25%	4,894,000		1,223,500
	FY 99	30%	4,797,000		1,439,100
	FY 00	25%	4,797,000		1,199,250
	FY 01	5%	4,797,000		239,850
		100.00%	29,387,000		4,854,350
(B) WORKDAYS					261
(C) DAYS OF IPS REQUIRED					86
(D) IPS % (C/B)					32.95%
(E) IPS HRS REQUIRED					1,599,518
(F) TOTAL SURGE CAPABILITY					25.00%
SURGE CAPABILITY LOSING CENTER 10%				10.00%	
SURGE CAPABILITY GAINING CENTER 15%				15.00%	
=====					
(G) ORGANIC HOURS/ORGANIC COSTS					
TOTAL REQUIREMENT				399,879	
RCC Rates w/o Materials					
OO-ALC	\$48.15	\$24.08	10.00%	39,988	\$962,710
GAINING ALC:					
OC-ALC	\$47.93	\$23.97	37.00%	133,160	\$3,191,176
OO-ALC	\$48.15	\$24.08	0.00%	0	\$0
SA-ALC	\$47.28	\$23.64	10.00%	35,989	\$850,783
SM-ALC	\$49.32	\$24.66	39.00%	140,358	\$3,461,220
WR-ALC	\$41.98	\$20.99	14.00%	50,385	\$1,057,577
TOTALS			100.00%		\$8,560,756
TOTAL ORGANIC COST					\$9,523,466
=====					
(H) NON ORGANIC %	(100%-F)				75.00%
(I) NON ORGANIC HOURS	(E*H)				1,199,638
(J) CONTRACT %					50.00%
(K) CONTRACT HOURS	(I*J)				599,819
(L) CONTRACTOR DIFFERENTIAL					\$19.26
(M) ADDITIVE CONTRACT COST	(K*L)				\$11,552,516
=====					
(N) UNSUPPORTABLE WORKLOAD % (DURING TRANSITION)			(100%-F-J)		25.00%
(O) UNSUPPORTABLE HOURS	(I*N)				599,819
(P) CATCH UP COST					
GAINING ALC:					
OC-ALC	\$47.93		37.00%	221,933	\$10,637,252
OO-ALC	\$48.15		0.00%	0	\$0
SA-ALC	\$47.28		10.00%	59,982	\$2,874,933
SM-ALC	\$49.32		39.00%	233,929	\$11,212,239
WR-ALC	\$41.98		14.00%	83,975	\$4,024,906
TOTAL					\$28,749,330
=====					
(R) TOTAL PRODUCTION TRANSITION COST:					\$49,825,312
(G TOTAL+M+P TOTAL)					
=====					
				ORGANIC REMOVE	\$9,523,466
				CONTRACT	\$11,552,516
				ORGANIC POST MOVE	\$28,749,330
				TOTAL	\$49,825,312

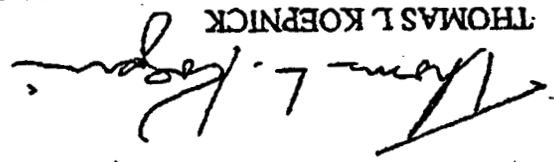
**Purpose: Calculate Terminal Leave Costs for Hill**

Hours Annual Leave	200
Avg Hourly Wage for OO-ALC	\$17.43
Total FY97/4 Civilians	9018
Not Willing to Move Factor	6%
Eliminations	651
Terminal Leave Costs	\$4,155,591

- 1. Product Center and Lab Spreadsheet w/RL Backup
- 2. Depot Spreadsheet w/McClellan Backup

Attachments:

THOMAS L KOEPNICK  
 Acting Chief, Infrastructure Planning Division  
 Directorate of Plans



1. The response on product centers, laboratories and test centers was overnight mailed to you on 30 Sep 94. The spreadsheet for product centers and labs was missing the inventory and equipment values for Rome Lab, because Rome Lab was unable to break-out these values from their AFMC 21 COBRA runs. After the overnight package was mailed, we received current inventory and equipment values from Rome Lab. We've included them on the attached spreadsheet, which replaces the spreadsheet in the overnight package.

2. Our earlier package on depots included inventory values as computed in AFMC 21. The McClellan figure did not include DLA inventories, because that information was not available. Subsequent to our transmittal of 8 Sep 1994, DLA provided certified inventory information to McClellan. The DLA inventory value must be added to the previously reported inventory value to arrive at the figure shown on the attached spreadsheet. This assures consistency with the other depots, which included DLA inventory values in their figures.

SUBJECT: Certification of COBRA Inputs for BRAC 95 Level Playing Field Analysis

Wright-Patterson AFB OH 45433-5006  
 4375 Chidlaw Rd, Ste 6

FROM: HQ AFMC/XPX

MEMORANDUM FOR HQ USAF/RTT (Attn: LtCol John O'Neill)

03 OCT 1994

DEPARTMENT OF THE AIR FORCE  
 HEADQUARTERS AIR FORCE MATERIAL COMMAND  
 WRIGHT-PATTERSON AIR FORCE BASE, OHIO



Atch 2

RECOMPUTED  
CONSISTENT WITH  
VARIOUS  
FOCUSSED ANALYSES

LCS COST SUPPORTED  
AT W/ALC ONLY

OCT 3 '94 8:24 FROM HQ AFMC/XP  
RECOMPUTED  
BY AF/CD AND  
BRUNED BY AF/COM  
USED TO  
COMPUTE  
ALL  
PERSONNEL  
AND  
VEHICLE  
MOVES

TIME UNIQUE COSTS		HILL	KELLY	MCCLELLAN	TINKER	ROBINS
INTERIM PRODUCTION SUPPORT	88,872,000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ENVIRONMENTAL STUDIES	3,750,000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
CIVILIAN TERMINAL LEAVE	14,902,000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DUPLICATE EQPT & SETUP/ REARRANGEMENT COSTS	10,647,000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
INTERIM CONTRACT SUPPORT	10,834,000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TIME MOVE COSTS						
INVENTORIES	5,931,115,482	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EXCESS EQPT	24%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
EQUIPMENT VALUE	2,454,641,439	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
REPURCHASE	5%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DISPOSE	1% 2%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DMIF OVERHEAD %	31.6%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MILCON						
RECONFIGURE COSTS		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
NEW CONSTRUCTION	649,300,000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
% WORKLOAD						
HILL	0.0%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
KELLY	10.4%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
MCCLELLAN	38.6%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
TINKER	36.9%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ROBINS	14.1%	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

## TRANSPORTATION SPREADSHEET

Purpose: This worksheet estimates transportation costs for mission/support equipment and inventories.  
 Data will be used for evaluating the cost impact of consolidating AF installations.

**Location: Hill AFB**

<b>1. EQUIPMENT TRANSFER</b>			
<b>a. EQUIPMENT ACQUISITION COSTS PER GO17</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT			\$0
APPROPRIATED FUND			\$0
OVER 5K		\$2,454,641,439	
UNDER 5K			\$0
TOTAL			\$2,454,641,439
<b>b. EXCESS EQUIPMENT</b>			
	PERCENT		
WEAPON SYSTEM SUPPORT EQUIPMENT	24.00%		\$0
APPROPRIATED FUND	24.00%		\$0
NON APPROPRIATED FUND	24.00%	\$589,113,945	
OTHER	24.00%		\$0
TOTAL VALUE OF EXCESSED EQUIPMENT			\$589,113,945
<b>c. REPURCHASE VS MOVE</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT	5.00%		\$0
APPROPRIATED FUND	5.00%		\$0
NON APPROPRIATED FUND	5.00%	\$93,276,375	
OTHER	5.00%		\$0
<b>(A) TOTAL EQUIPMENT REPURCHASES</b>			<b>\$93,276,375</b>
COST TO RELOCATE EQUIPMENT			
REMAINING EQUIPMENT VALUE		\$1,772,251,119	
P,C,H (WESTING HOUSE)	2.50%	\$44,306,278	
TRANSPORTATION (DST)	0.50%	\$8,861,256	
REMOVE AND REINSTALL (SM-ALC/MADE)	1.0%	\$17,722,511	
<b>(B) TOTAL COST TO MOVE EQUIPMENT</b>			<b>\$70,890,045</b>
COST TO DISPOSE OF EXCESS EQUIPMENT (DRMO)			
EQUIPMENT VALUE		\$589,113,945	
<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>	1.00%		<b>\$5,891,139</b>
(A) EQUIPMENT REPURCHASES		\$93,276,375	
(B) COST TO RELOCATE EQUIPMENT		\$70,890,045	
(C) DISPOSAL COST OF EXCESS EQUIPMENT		\$5,891,139	
<b>h. TOTAL EQUIPMENT COSTS</b>			<b>\$170,057,559</b>

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## TRANSPORTATION SPREADSHEET

2.	INVENTORIES		
	a.	STOCK FUND	\$5,931,115,482
		TOTAL	\$5,931,115,482
	b.	AMOUNT TO MOVE	30.00%
	c.	COST TO RELOCATE	1.00%
	d.	<b>TOTAL INVENTORY COSTS</b>	<b>\$17,793,346</b>

3.	MATERIAL DAMAGE		
	a.	EQUIPMENT	\$1,772,251,119
		(TVA)*TIMES HANDLED*.0001	HANDLING
	b.	INVENTORY	8 \$1,417,801
		((TVA INVENTORY)*TIMES HANDLED*.0001)	HANDLING
		<b>TOTAL MATERIAL DAMAGE COST</b>	4 \$711,734
			<b>\$2,129,535</b>

4.	TOTAL EQUIPMENT TRANSPORTATION COSTS FOR	Hill AFB
	TOTAL EQUIPMENT REPURCHASES	\$93,276,375
	TOTAL COST TO MOVE EQUIPMENT	\$70,890,045
	DISPOSAL COSTS FOR EXCESS EQUIPMENT	\$5,891,139
	INVENTORY	\$17,793,346
	MATERIAL DAMAGE	\$2,129,535
	<b>TOTAL</b>	<b>\$189,980,440</b>

Transportation of ICBMs

FY94 Constant Dollars			
Minuteman			
	Count	Moves	Rate
Boosters	112	112	\$38,486
			\$4,087,552
Hours			
	Rate	Rate	Config
Carrage (remove/install)	114	\$68.89	112
Labor (load/unload)	40.8	\$57.87	112
			\$264,443
Total Booster Transportation			
			\$5,231,582
Count			
	Moves	Rate	
Stage I	118	\$9,145	\$1,079,110
Stage II	120	\$9,145	\$548,700
Stage III	141	\$9,145	\$429,815
Stage IV	75	\$4,200	\$137,175
Hours			
	Rate	Rate	Config
Carrage (remove/install)	54	\$63.70	330
Labor (load/unload)	28	\$57.87	225
			\$364,581
Labor (load/unload) Stage IV	2	\$64.50	75
			\$9,675
Total Stage Transportation			
			\$3,704,190
Total Minuteman Movement			
			\$8,935,772
Peacekeeper			
	Count	Moves	Rate
Stage I	51	51	\$34,924
Stage II	53	53	\$28,000
Stage III	48	48	\$26,000
Stage IV	39	39	\$8,630
			\$258,570
Hours			
	Rate	Rate	Config
Ring (remove/install)	54	\$63.70	191
Labor (load/unload)	28	\$57.87	191
			\$309,489
Total Stage Transportation			
			\$5,632,185
Total Peacekeeper Movement			
			\$5,632,185

Note: Peacekeeper motors cannot be transported by rail.

Hill AFB, UT FOR OFFICIAL USE ONLY: SENSITIVE INFRASTRUCTURE INFORMATION

Maintenance on Transportation Equipment			
Over and Above Normal Costs			
Minuteman	Annual \$	No. Years	
	\$2,925,720	2	\$5,851,440
Peacekeeper	Annual \$	No. Years	
	\$855,220	2.8	\$2,394,816
<b>Total Maintenance and Repair</b>			<b>\$8,246,056</b>
<b>Management Contingency</b>			<b>\$1,140,701</b>
(Accident/Mishap retrieval costs)			
<b>Total ICBM Booster/Motor Movement</b>			<b>\$23,954,713</b>

Source of Air Trans Cost: POC Brenda Chatlin/LMSMH/DSN 458-6574  
 Letter from Micheal Nettekmeier/HQ AMC/FMI/Chief Budget Branch  
 Information extract from AFR 76-11 US Government

Rate/Tariffs

Source of Highway Trans Cost: POC Brenda Chatlin/LMSMH/DSN 458-6574  
 Western Area/Oakland/INFNTW/DSN 859-2331  
 (Military Traffic Management Command)  
 POC Janice Kent/LMSMS/DSN 458-6566

Source of Booster/Stage Count: MMTRS (Missile Motor Tracking and Reporting System)

Source of Labor Hours: POC Arline Malone/LMSMO/DSN 924-3124  
 Maintenance Requirements Review Board

Source of Labor Rate: RCC labor rates for loading, Minuteman preparation, and Peacekeeper preparation.  
 End Item Sales Rate Report  
 MAKPAV/Boosters \$68.89  
 MAKPMO>Loading \$57.87  
 MAKPAD/Motors \$63.70

Source of M&R Cost for Trans Equipment:  
 POC Arline Malone/LMSMO/DSN 924-3124  
 G072E Depot Maintenance Program (History)

Movement of the ICBMs will take 2.5 to 3 years to complete if the present crew works full time.  
 (This scenario would not allow for field support.)

Hill AFR, IJT

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#### 5.3.4.3 Transportation of Munitions (rationale)

Munitions transportation is an item that is not addressed in the AFMC transportation model nor in the COBRA model unless input as a One Time Cost. Munitions transportation is an operation that takes place routinely and Ogden ALC is able to accurately calculate the cost of movement of munitions from storage to a new location.

Hill AFB, UT

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Transportation of Munitions			
Quantity Calculation	Qty	Avg QUP	QUP Qty
QUP > 1	925.776	85	10,891
QUP = 1	1,821.204	1	1,821,204
Arming Wire/Misc	20,606	1	20,606
CAD/PAD(1377 FSC)	617.716	1	617,716
Total	3,385,302		2,470,417
Packaging Materials	Cube	15% Qty	Rate
QUP > 1	By NSN	By NSN	\$6.03
QUP = 1	By NSN	By NSN	\$6.03
Arming Wire/Misc	By NSN	By NSN	\$6.03
CAD/PAD(1377 FSC)	By NSN	By NSN	\$6.03
Total Packaging			\$1,804,840
Container Fabrication	15% Qty	Hrs	Rate
QUP > 1	1,634	1.5	\$48.67
QUP = 1	273,181	1.5	\$48.67
Arming Wire/Misc	3,091	1.5	\$48.67
CAD/PAD(1377 FSC)	92,657	1.5	\$48.67
Total Container Config			\$27,052,924
DOT Inspecl/Log/Label	QUP Qty	Hrs/Item	Rate
Total DOT Inspection	2,470,417	0.25	\$35
10% Compel Adj			
Truck Calculation	Tons	Tons/Truck	# Trucks
QUP > 1	392.71	18	6
QUP = 1	8,832.82	18	540
CAD/PAD(1377 FSC)	3,509.90	2.5	1,544
Arming Wire/Misc	682.06	18	42
Total	13,417.70		2,132
Palletization	Hrs/Truck	RCC Rate	# Trucks
	30	\$48.67	2,132
Load/Unload	Hrs/Truck	RCC Rate	# Trucks
	18	\$48.67	2,132
Block/Brace/Inspect	Per Truck	\$169.37	2,132
Truck/Transport	Carrier Rate	\$3,162.26	2,132
Total Munitions Transportation	as of 15 March 1994		
			\$62,536,326

III AFB, UT  
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**Sources of Munitions Transportation Data:**

Quantity of Munitions      Munition Inventory was from the  
(D023K) Air Munitions Storage Management System

Quantity STAMP/STRAPP      Capt Clifton Wash/Commander/ Det 1 651st Munitions  
Squadron/MNH/CC/DSN 458-7805

Quantity Unit Pack (QUP)      QUP data is from the SC&D by NSN  
(D035T) Package, Transportation, and Regulated Material System

Cube Dimensions              Cube was calculated using dimensions from D035T by NSN (Lgt, Wid, Dep)  
Cube was calculated by NSN and 15% of the inventory quantity was used by  
NSN. This calculation was accomplished in the Information Center (FOCUS)  
and only the total cost by category will be presented here.  
(D035T) Package, Transportation, and Regulated Material System

Packaging Materials Rate      AFMC Packaging Material Cost Ratios, Cost per Cubic Foot  
ACMCP 71-7, 6 April 1992  
Jose Orsini/HQ AFMC/LGTPP/DSN 787-4503

15% Require Repackaging      MSgt Patrick Day/649th MAS/DSN 458-5444

Container Fabrication Hours      MSgt Patrick Day/649th MAS/DSN 458-5444

Labor Rate (RCC)              For Containers, Palletizing, Loading/Unloading,  
RCC rate for MANWAT

Labor Rate (DOT Inspection)      Inflated rate from a former Depot Supply Organization (1989)  
that performed the DOT inspection function.  
DLA would not provide an official rate but this rate was compared  
to an unofficial rate to determine if the rate is reasonable.  
Susan Brown/DDOU/TTU/DSN 458-1113

DOT Inspection Hours          Sheldon Shaw/Ammo Inspector/DDOU/TTUB/DSN 458-7460  
TO 11A-1-10, Paragraph 4A, Shipping Inspection  
General Instructions , Munitions Serviceability Procedure

Shipping Tons                  Shipping weight was obtained from SC&D by NSN weight and NSN quantity  
(D035T) Package, Transportation, and Regulated Material System

Tons per Truck                  MSgt John Fossum/649th MAS/DSN 458-5770  
Historical loading weight configuration for Munitions

Hours for Palletizing/Loading      MSgt Patrick Day/649th MAS/DSN 458-5444  
Historical hours for palletizing and loading

Blocking/Bracing Cost          Ray Rizzi/ DDOU/TTUB/DSN 458-6869

Carrier Rate                      Jeff Weeks/LIW/Transportation Office/DSN 458-5771  
Ranger Transportation Inc.  
846 West 2100 South St  
Salt Lake City , UT 84119  
(801) 975-0184

Hill AFB, UT

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Hill Vehicles

**Vehicle Movement from Hill**

Light	355	Source: AFMC 21 Study. Certified data provided by HQ AFMC/XPX
Heavy	940	
Total	<u>1295</u>	

<b>Workload Transfer Percentages</b>		Source: AFMC 21 Study. Certified data from spreadsheet provided by HQ AFMC/XPX on 09/08/94, page 3 of fax.
Kelly	10%	
McClellan	39%	
Tinker	37%	
Robins	14%	
	<u>100%</u>	

Transfer to:	5%	10%	25%	30%	25%	5%		
	1996	1997	1998	1999	2000	2001	Totals	
Kelly								
Light	2	4	9	10	9	2	35.5	36
Heavy	5	10	24	26	24	5	94	94
							<u>129.5</u>	130
Transfer to:	5%	10%	25%	30%	25%	5%		
McClellan	1996	1997	1998	1999	2000	2001	Totals	
Light	7	14	35	40	35	7	138.45	138
Heavy	18	36	92	111	92	18	366.6	367
							<u>505.05</u>	505
Transfer to:	5%	10%	25%	30%	25%	5%		
Tinker	1996	1997	1998	1999	2000	2001	Totals	
Light	6	13	33	40	33	6	131.35	131
Heavy	17	35	87	105	87	17	347.8	348
							<u>479.15</u>	479
Transfer to:	5%	10%	25%	30%	25%	5%		
Robins	1996	1997	1998	1999	2000	2001	Totals	
Light	2	5	12	17	12	2	49.7	50
Heavy	6	13	33	40	33	6	131.6	131
							<u>181.3</u>	181

24 May 1995

Memo for Record

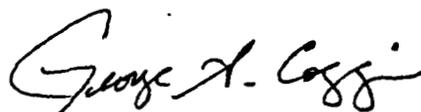
Subject: Land Purchases Associated with the Closure of Hill AFB

1. The focused COBRA run for Hill AFB includes \$22.65M for land purchases. Based on information provided by LTC Pitcher, AF/LGMM, the transfer of the ICBM depot maintenance workload to OC-ALC requires the purchase of 31,782 acres for the storage and work area for the ICBMs. The land should be within a 50 mile radius of Tinker AFB. The transfer of the munitions workload to SA-ALC will require 1000 acres and should be within a 30 to 50 mile radius of Kelly AFB. All required land purchases were assumed to be available with the required distance of each installation.

2. The following table breaks out the \$22.65M for land purchases:

Location	Acres Required	Cost/Acre	Total Cost (\$M)
Tinker AFB	31,782	\$700	\$22.25
Kelly AFB	1,000	\$400	\$ 0.40
			\$22.65M

3. It is my understanding that the land purchases and associated costs are from the AFMC 21 study.



GEORGE A. COGGINS, Captain, USAF  
Cost Analyst

Hill MILCON

Purpose: Summarize MILCON Requirements for Hill AFB closure. Close entire installation, move ICBM workload to Tinker, munitions to Kelly, tactical missiles to either Letterkenney or Tobyhanna. The MILCON costs for tactical missiles were calculated during AFMC 21 and assumed the workload went to Kelly AFB. The final location for this workload has not been determined and will most likely go to Letterkenney or Tobyhanna. These costs were reflected at "Base X" to ensure they were included in the COBRA analysis.

Source: AFRES, AFMC21, AF/CEP, and AF/CEH Inputs

**GAINING BASE: Tinker AFB**

Unit	Description	Cost (\$K)
ALC	Lab Conversion	2000
ALC	Mag-Free Instrument	400
ALC	ADAL B214 Missile	2400
ALC	ICBM Storage	52300
ALC	Admin Facility	20400
ALC	ICBM SMIC	75700
ALC	ICBM SVIC	29500
ALC	ICBM T&H Maint	25600
ALC	ICBM Maint Assy	24000
ALC	ICBM Maint Repair	18300
ALC	ICBM Equip Storage	26000
ALC	ICBM Missile Storage	64000
ALC	ICBM Infrastructure	113100
ALC	ICBM Maintenance	7200
ALC	ICBM Other	28700
Subtotal		<u>489600</u>

**GAINING BASE: Kelly AFB**

Unit	Description	Cost (\$K)
ALC	CT/High Power X-Ray for Munitions	5400
ALC	Shipping/Receiving Facility	5100
ALC	Propellant Lab	4800
ALC	Rocket Motor Test	4200
ALC	Admin Facility (munitions)	4200
ALC	Corrosion Control	4100
ALC	Munitions Textile	3000
ALC	Base Support Facility	2800
ALC	Ordinance Disposal	1800
ALC	Munitions Other	6600
Subtotal		<u>42000</u>

**GAINING BASE: Robins AFB**

Unit	Description	Cost (\$K)
ALC	Aerial Photo Lab	4700
ALC	Anechoic Chamber	800
Subtotal		<u>5500</u>

Hill MILCON

**GAINING BASE: McClellan AFB**

Unit	Description	Cost (\$K)
ALC	Admin/Lab 628	24000
ALC	Admin/Lab 250L	4300
ALC	Hydrazine Facility	10600
ALC	Software Integ Facility	600
ALC	Admin/Whse 250J&K	2900
	Subtotal	<u>42400</u>

**GAINING BASE: Shaw AFB**

Unit	Description	Cost (\$K)
ACC	Maintenance	1970
ACC	Ops/Training	480
ACC	BOS	250
ACC	Planning & Design	240
	Subtotal	<u>2940</u>

**GAINING BASE: Cannon AFB**

Unit	Description	Cost (\$K)
ACC	Maintenance	5760
ACC	Munition Facilities	11260
ACC	POL	950
ACC	Ops/Training	4150
ACC	Other	3620
ACC	Dorms	1930
ACC	BOS	2770
ACC	MFH	29940
ACC	Planning & Design	5430
	Subtotal	<u>65810</u>

**GAINING BASE: Base X**

Unit	Description	Cost (\$K)
ALC	Maverick Shop	3700
ALC	Guide/Control Facility	3900
	Subtotal	<u>7600</u>

**GRAND TOTAL: \$ 655,850.0 K**

**FOCUSED COBRA ANALYSIS**  
**FOR**  
**KELLY AFB**

Department : Air Force  
 Option Package : Kelly AFB-Option 1  
 Scenario File : C:\COBRAS08\AF-ONLY\0119\KE1-0119.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\0119\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2010 (9 Years)

NPV in 2015(\$K): -282,587  
 1-Time Cost(\$K): 582,061

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	26,377	12,196	16,262	22,360	11,180	16,262	104,638	0
Person	1,314	44	5,849	8,784	8,439	-23,621	810	-57,336
Overhd	1,881	5,302	-82	-367	-2,384	-9,858	-5,508	-19,024
Moving	13,244	27,757	66,148	79,388	66,154	22,904	275,596	0
Missio	0	0	0	0	0	0	0	0
Other	5,698	11,396	28,489	33,116	26,349	34,363	139,411	0
<b>TOTAL</b>	<b>48,514</b>	<b>56,696</b>	<b>116,667</b>	<b>143,282</b>	<b>109,738</b>	<b>40,049</b>	<b>514,947</b>	<b>-76,360</b>

POSITIONS ELIMINATED	1996						Total
	1996	1997	1998	1999	2000	2001	
Off	0	0	0	0	0	60	60
Enl	0	0	0	0	0	177	177
Civ	0	0	0	0	0	1,008	1,008
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,245</b>	<b>1,245</b>

POSITIONS REALIGNED	1996						Total
	1996	1997	1998	1999	2000	2001	
Off	13	507	63	75	64	9	731
Enl	49	2,893	242	291	242	43	3,760
Stu	0	0	0	0	0	0	0
Civ	498	2,969	2,488	2,986	2,488	495	11,924
<b>TOT</b>	<b>560</b>	<b>6,369</b>	<b>2,793</b>	<b>3,352</b>	<b>2,794</b>	<b>547</b>	<b>16,415</b>

Summary:

Assumptions:

Kelly AFB closes, Air Intelligence Agency remains and is attached to Lackland AFB. AFRES C-5As and ANG F-16s cantoned at Lackland AFB. SA-ALC workload transferred to OC-ALC (89%), OO-ALC (10%) & WR-ALC (1%). Tenants with specified gaining locations moved to their respective sites. Remaining tenants and base population moved to Base X. Retain housing at Kelly, and build 93 MFH units at Tinker. Used updated manpower sheet from AF/PEP resulting in an add'l 44 eliminations.

Department : Air Force  
 Option Package : Kelly AFB-Option 1  
 Scenario File : C:\COBRAS08\AF-ONLY\0119\KE1-0119.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\0119\DEPOT.SFF

Costs (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	26,377	12,196	16,262	22,360	11,180	16,262	104,638	0
Person	1,722	18,250	24,080	27,015	26,670	23,676	121,414	19,028
Overhd	1,881	7,072	7,535	10,971	14,216	15,489	57,165	10,745
Moving	13,341	27,949	66,627	79,963	66,634	22,986	277,500	0
Missio	0	0	0	0	0	0	0	0
Other	5,698	11,396	28,489	34,186	28,489	36,503	144,761	0
<b>TOTAL</b>	<b>49,020</b>	<b>76,863</b>	<b>142,994</b>	<b>174,496</b>	<b>147,190</b>	<b>114,916</b>	<b>705,478</b>	<b>29,773</b>

Savings (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	0	0	0	0	0	0	0	0
Person	408	18,206	18,231	18,231	18,231	47,297	120,604	76,364
Overhd	0	1,769	7,617	11,338	16,600	25,347	62,673	29,769
Moving	97	191	479	575	480	82	1,904	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	1,070	2,140	2,140	5,350	0
<b>TOTAL</b>	<b>506</b>	<b>20,167</b>	<b>26,327</b>	<b>31,214</b>	<b>37,451</b>	<b>74,866</b>	<b>190,531</b>	<b>106,133</b>

# COBRA MANPOWER IMPACT WORKSHEET

BASE: KELLY - OPTION 1 (Based on New Manpower Worksheet from AF/PEP)

DESCRIPTION: Close Kelly AFB. Establish cantonment at Lackland for AFRES C-5s and ANG F-16s. Air Intelligence Agency transferred to Lackland. SA-ALC workload moved to OC-ALC (89%), OO-ALC (10%), and WR-ALC (1%).

	Officer	Amn	Civilians	Total	Source
<b>94/4 AF Base Population</b>	<b>801</b>	<b>3419</b>	<b>12678</b>	<b>16898</b>	BRAC95 Manpower Baseline 12/02/94, TAB 4
<b>Non-AF Tenant Population</b>					
1. Defense Logistics Agency	0	0	973	973	All tenant data from AF/PEP, TAB 5 No breakout. Assumed 50% were HQ, put all in civs
2. Defense Commissary Agency	0	0	241	241	
3. Defense Accounting Office	13	0	166	179	
4. Region SIGINT Ops Cntr	29	747	37	813	
	42	747	1417	2206	
<b>94/4 Total Base Population</b>	<b>843</b>	<b>4166</b>	<b>14095</b>	<b>19104</b>	Screen 4 input
<b>97/4 Adj Base Pop</b>	<b>749</b>	<b>3190</b>	<b>11515</b>	<b>15454</b>	BRAC95 Baseline Analysis WS 1/12/95, TAB 4
<b>Non-AF Tenants</b>	<b>42</b>	<b>747</b>	<b>1417</b>	<b>2206</b>	(Total from above)
<b>97/4 Adj Total Base Population</b>	<b>791</b>	<b>3937</b>	<b>12932</b>	<b>17660</b>	97/4 Adj Base population plus tenants
<b>Force Structure Changes</b>	<b>-52</b>	<b>-229</b>	<b>-1163</b>	<b>-1444</b>	97/4 Adj total pop minus 94/4 total base pop. Screen 6 Input.
<b>Eliminations</b>	<b>-60</b>	<b>-177</b>	<b>-1008</b>	<b>-1245</b>	BRAC95 Baseline Analysis WS 1/12/95. Screen 6 Input
<b>Total Movements</b>	<b>731</b>	<b>3760</b>	<b>11924</b>	<b>16415</b>	Cumulative Screen 3 Inputs

## ORGANIZATIONAL MOVES

### AFRES Moves - Enter on Screen 3

Transfer C-5s to:		1996	1997	1998	1999	2000	2001	Totals
Lackland	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	673	0	0	0	0	673
								673
Transfer Aero Medical to:								
Lackland	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	5	0	0	0	0	5
								5

### ANG Moves - Enter on Screen 3

Transfer 15 F-16C/D		1996	1997	1998	1999	2000	2001	Totals
Lackland	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	202	0	0	0	0	202
								202

### Air Intelligence Agency - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Lackland	Officers	0	447	0	0	0	0	447
	Amn	0	1763	0	0	0	0	1763
	Civilians	0	1037	0	0	0	0	1037
								3247

### Regional SIGINT Ops Cntr - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Lackland	Officers	0	29	0	0	0	0	29
	Amn	0	747	0	0	0	0	747
	Civilians	0	37	0	0	0	0	37
								813

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# COBRA MANPOWER IMPACT WORKSHEET

## 1849 Electronic Install Sqdm - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals	
Lackland	Officers	0	6	0	0	0	0	6	
	Amn	0	286	0	0	0	0	286	
	Civilians	0	19	0	0	0	0	19	
								311	

## Total Moves to Lackland (This section for summation purposes. It is not used elsewhere in sheet.)

		1996	1997	1998	1999	2000	2001	Totals	
	Officers	0	482	0	0	0	0	482	
	Amn	0	2796	0	0	0	0	2796	
	Civilians	0	1973	0	0	0	0	1973	
								5251	

## DEPOT MOVEMENTS

Officers	187									
Amn	282									
Civilians	7995									
Total	8464									
<p style="text-align: right;">Source: BRAC95 Manpower Impact Worksheet Dated 10/25/94 provided by LTC Callahan, PEP. Manpower figures reflect FY97/4 endstrength</p>										
<p>Workload Transfer Percentages</p>										
Hill	10%									
Tinker	89%									
Robins	1%									
	100%									
<p style="text-align: right;">Source: Workload percentages provided by LTC Pitcher based on FY99 Workload</p>										
Transfer to:		5%	10%	25%	30%	25%	5%			
Hill		1996	1997	1998	1999	2000	2001	Totals		
	Officers	1	2	5	6	5	0	19	19	
	Amn	2	3	7	9	7	0	28	28	
	Civilians	40	80	200	240	200	40	800	800	
								847	847	
Transfer to:		5%	10%	25%	30%	25%	5%			
Tinker		1996	1997	1998	1999	2000	2001	Totals		
	Officers	9	17	42	50	42	6	166	166	
	Amn	13	26	63	76	63	10	251	251	
	Civilians	356	712	1779	2135	1779	355	7116	7116	
								7533	7533	
Transfer to:		5%	10%	25%	30%	25%	5%			
Robins		1996	1997	1998	1999	2000	2001	Totals		
	Officers	<del>10</del>	<del>10</del>	<del>10</del>	1	1	<del>10</del>	2	2	
	Amn	<del>10</del>	0	1	1	1	<del>10</del>	3	3	
	Civilians	4	8	20	24	20	4	80	80	
								85	85	

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ADJUSTED TO  
ACCOUNT FOR  
EXCEL'S ROUNDING  
FUNCTION

# COBRA MANPOWER IMPACT WORKSHEET

## BASE X Movements - Remaining Population Moved to Base X on Screen 3

Transfer to:	5%	10%	25%	30%	25%	5%		
Base X	1996	1997	1998	1999	2000	2001	Totals	
Officers	3	6	16	19	16	2	62	62
Armn	34	68	171	205	171	33	682	682
Civilians	98	196	489	587	489	97	1956	1956
						2700		2700

Adjustments in 2001 due to rounding

CLOSE HOLD - BCEG ONLY

## BRAC95 MANPOWER IMPACT WORKSHEET

BASE: Kelly

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
<b>ADJUSTED BASELINE POPULATION</b>	749	3,190	11,515	15,454	3,341	18,795
<b>MISSION &amp; BOS TO REALIGN</b>	648	2,886	10,828	14,362	3,341	17,703
<b>MANPOWER IMPACTS</b>						
AIA to cantonment area	-444	-1698	-833	-2975	0	-2975
BOS tail	-3	-65	-204	-272	0	-272
Move AFRES & ANG units	0	-5	-660	-665	-3341	-665
BOS tail	-1	-29	-90	-120	0	-120
Move depot functions	-181	-130	-7521	-7832	0	-7832
BOS tail	-6	-152	-474	-632	0	-632
Depot overhead consolidation savings (6%)	-12	-8	-480	-500	0	-500
BOS tail	0	-10	-30	-40	0	-40
Other mission manpower and BOS to move	-1	-789	-536	-1326	0	-1326
Support manpower retained	-53	-145	-189	-387	0	-387
<b>Estimated closure savings</b>	<b>48</b>	<b>159</b>	<b>498</b>	<b>705</b>	<b>0</b>	<b>705</b>
<b>NET SAVINGS (INCL DEPOT)</b>	<b>60</b>	<b>177</b>	<b>1008</b>	<b>1,245</b>	<b>0</b>	<b>1245</b>

## 1 Time Unique Costs

Production Transition Costs		\$58,940,953
Environmental Studies		\$ 2,700,000
Civilian Terminal Leave		\$8,021,604
Rearrangement Costs		\$ 36,762,380
	Sub-Total	<u>\$ 106,424,937</u>
Base Conversion Agency Costs		\$ 30,000,000
	Total	<u>\$ 136,424,937</u>

### SOURCE:

PTC Spreadsheet  
 1 EIS (\$1.2M) & 2 EAs(\$750K ea)  
 Civ Term Lv Spreadsheet  
 AFMC 21 Certified Data

Added to Last Year

### Time Phasing

FY96	5%	\$ 5,321,247
FY97	10%	\$ 10,642,494
FY98	25%	\$ 26,606,234
FY99	30%	\$ 31,927,481
FY00	25%	\$ 26,606,234
FY01	5%	\$ 35,321,247
Total	100%	\$ 136,424,937

## 1 Time Moving Costs

\$97,942,272

Source: Eqpt Transportation Spreadsheet

### Time Phasing

FY96	5%	\$ 4,897,114
FY97	10%	\$ 9,794,227
FY98	25%	\$ 24,485,568
FY99	30%	\$ 29,382,682
FY00	25%	\$ 24,485,568
FY01	5%	\$ 4,897,114
Total	100%	\$ 97,942,272

**Production Transition Costs**

*Kelly*

Purpose: This worksheet calculates Production Transition Costs (formerly called Interim Production Support costs) for realignment alternatives. Data will be used to evaluate the cost impact of consolidating Air Logistic Center workloads.

(A) REQUIREMENT - LOSING ORGANIZATION	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01
DPAH	5%	10%	25%	30%	25%	5%
	6,631,000	6,115,000	5,749,000	5,634,000	5,634,000	5,634,000
	331,550	611,500	1,437,250	1,690,200	1,408,500	281,700
	261	86	32.95%	1,898,162	25.00%	
(B) WORKDAYS	261	86	32.95%	1,898,162	25.00%	
(C) DAYS OF IPS REQUIRED	261	86	32.95%	1,898,162	25.00%	
(D) IPS & (C/B)	261	86	32.95%	1,898,162	25.00%	
(E) IPS HRS REQUIRED	261	86	32.95%	1,898,162	25.00%	
(F) TOTAL SURGE CAPABILITY	261	86	32.95%	1,898,162	25.00%	
SURGE CAPABILITY LOSING CENTER 10%	10.00%					
SURGE CAPABILITY GAINING CENTER 15%	15.00%					
(G) ORGANIC HOURS/ORGANIC COSTS						
TOTAL REQUIREMENT	474,540					
SA-ALC	\$47.28					
RCC Rates w/o Materials	\$47.28					
GAINING ALC:						
OC-ALC	\$47.93	\$23.97	\$24.08	\$48.15	\$47.93	\$41.98
OO-ALC	\$48.15	\$24.08	\$48.15	\$47.28	\$49.32	\$20.99
SA-ALC	\$47.28	\$23.64	\$23.64	\$0.00%	\$0	\$0
SM-ALC	\$49.32	\$24.66	\$24.66	\$0.00%	\$0	\$0
WR-ALC	\$41.98	\$20.99	\$20.99	\$0.00%	\$0	\$0
TOTALS		100.00%	100.00%	100.00%	100.00%	100.00%
TOTAL ORGANIC COST	\$11,362,106					
(H) NON ORGANIC & (100%-F)	75.00%					
(I) NON ORGANIC HOURS (E+H)	1,423,621					
(J) CONTRACT & (I+J)	50.00%					
(K) CONTRACT HOURS	711,811					
(L) CONTRACTOR DIFFERENTIAL	\$18.91					
(M) ADDITIVE CONTRACT COST (K+L)	\$13,461,763					
(N) UNSUPPORTABLE WORKLOAD & (DURING TRANSITION) (I*N)	25.00%					
(O) UNSUPPORTABLE HOURS (100%-F-J)	711,811					
(P) CATCH UP COST						
GAINING ALC:						
OC-ALC	\$47.93	89.00%	89.00%	89.00%	89.00%	89.00%
OO-ALC	\$48.15	11.00%	11.00%	11.00%	11.00%	11.00%
SA-ALC	\$47.28	0.00%	0.00%	0.00%	0.00%	0.00%
SM-ALC	\$49.32	0.00%	0.00%	0.00%	0.00%	0.00%
WR-ALC	\$41.98	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	\$34,117,084					
(R) TOTAL PRODUCTION TRANSITION COST: (G TOTAL+M+P TOTAL)	\$58,940,953					
ORGANIC REMOVE	\$11,362,106					
CONTRACT	\$13,461,763					
ORGANIC POST MOVE	\$34,117,084					
TOTAL	\$58,940,953					

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**Purpose: Calculate Terminal Leave Costs for Kelly**

Hours Annual Leave	200
Avg Hourly Wage for SA-ALC	\$16.04
Total FY98 Civilians	14095
Not Willing to Move Factor	10%
Eliminations	1091
Terminal Leave Costs	\$8,021,604



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS AIR FORCE MATERIEL COMMAND  
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

03 OCT 1994

MEMORANDUM FOR HQ USAF/RTT (Attn: LtCol John O'Neill)

FROM: HQ AFMC/XPX

4375 Chidlaw Rd, Ste 6

Wright-Patterson AFB OH 45433-5006

SUBJECT: Certification of COBRA Inputs for BRAC 95 Level Playing Field Analysis

1. The response on product centers, laboratories and test centers was overnight mailed to you on 30 Sep 94. The spreadsheet for product centers and labs was missing the inventory and equipment values for Rome Lab, because Rome Lab was unable to break-out these values from their AFMC 21 COBRA runs. After the overnight package was mailed, we received current inventory and equipment values from Rome Lab. We've included them on the attached spreadsheet, which replaces the spreadsheet in the overnight package.
2. Our earlier package on depots included inventory values as computed in AFMC 21. The McClellan figure did not include DLA inventories, because that information was not available. Subsequent to our transmittal of 8 Sep 1994, DLA provided certified inventory information to McClellan. The DLA inventory value must be added to the previously reported inventory value to arrive at the figure shown on the attached spreadsheet. This assures consistency with the other depots, which included DLA inventory values in their figures.

A handwritten signature in cursive script that reads "Thomas L. Koepnick".

THOMAS L KOEPNICK  
Acting Chief, Infrastructure Planning Division  
Directorate of Plans

Attachments:

1. Product Center and Lab Spreadsheet w/RL Backup
2. Depot Spreadsheet w/McClellan Backup

Atch 2

	HILL	KELLY	MCCLELLAN	TINKER	ROBINS
<b>1 TIME UNIQUE COSTS</b>					
INTERIM PRODUCTION SUPPORT	88,872,000	115,184,517	79,619,979	147,872,338	143,202,539
ENVIRONMENTAL STUDIES	3,750,000	3,750,000	3,750,000	3,750,000	3,750,000
CIVILIAN TERMINAL LEAVE	14,902,000	21,891,446	13,535,693	18,203,634	16,344,655
DUPLICATE EQPT & SETUP/ REARRANGEMENT COSTS	10,647,000	36,762,380	3,729,190	55,743,698	69,517,000
INTERIM CONTRACT SUPPORT	10,834,000	10,834,000	10,834,000	10,834,000	10,834,000
<b>1 TIME MOVE COSTS</b>					
INVENTORIES	5,931,115,482	14,984,369,511	7,782,861,153	8,900,000,000	8,516,134,703
EXCESS EQPT	24%	24%	24%	24%	24%
EQUIPMENT VALUE	2,454,641,439	732,791,263	1,593,957,554	924,628,881	1,412,283,351
REPURCHASE	5%	5%	5%	5%	5%
DISPOSE	2%	2%	2%	2%	2%
<b>DMIF OVERHEAD %</b>	<b>31.6%</b>	<b>29.6%</b>	<b>23.2%</b>	<b>22.8%</b>	<b>31.5%</b>
<b>MILCON</b>					
RECONFIGURE COSTS		5,000,000	27,649,000	8,986,000	28,683,000
NEW CONSTRUCTION	649,300,000	88,210,055	19,592,000	69,079,000	65,268,000
<b>% WORKLOAD</b>					
HILL	0.0%	8.0%	62.6%	1.0%	12.0%
KELLY	10.4%	0.0%	0.0%	72.0%	30.0%
MCCLELLAN	38.6%	0.0%	0.0%	13.0%	58.0%
TINKER	36.9%	90.0%	31.6%	0.0%	0.0%
ROBINS	14.1%	2.0%	5.8%	14.0%	0.0%

## TRANSPORTATION SPREADSHEET

Purpose: This worksheet estimates transportation costs for mission support equipment and inventories.  
 Data will be used for evaluating the cost impact of consolidating AF installations.

**Location: Kelly AFB**

<b>1. EQUIPMENT TRANSFER</b>			
<b>a. EQUIPMENT ACQUISITION COSTS PER GO17</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT			\$0
APPROPRIATED FUND			\$0
OVER 5K		\$732,791,263	
UNDER 5K			\$0
<b>TOTAL</b>		=====	<b>\$732,791,263</b>
<b>b. EXCESS EQUIPMENT</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT	PERCENT		\$0
APPROPRIATED FUND	24.00%		\$0
NON APPROPRIATED FUND	24.00%	\$175,869,903	
OTHER	24.00%		\$0
<b>TOTAL VALUE OF EXCESSED EQUIPMENT</b>		=====	<b>\$175,869,903</b>
<b>c. REPURCHASE VS MOVE</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT	5.00%		\$0
APPROPRIATED FUND	5.00%		\$0
NON APPROPRIATED FUND	5.00%	\$27,846,068	
OTHER	5.00%		\$0
<b>(A) TOTAL EQUIPMENT REPURCHASES</b>		=====	<b>\$27,846,068</b>
<b>COST TO RELOCATE EQUIPMENT</b>			
REMAINING EQUIPMENT VALUE		\$529,075,292	
P,C,H (WESTING HOUSE)	2.50%		\$13,226,882
TRANSPORTATION (DST)	0.50%		\$2,645,376
REMOVE AND REINSTALL (SM-ALC/MADE)	1.0%		\$5,290,753
<b>(B) TOTAL COST TO MOVE EQUIPMENT</b>		=====	<b>\$21,163,012</b>
<b>COST TO DISPOSE OF EXCESS EQUIPMENT (DRMO)</b>			
EQUIPMENT VALUE		\$175,869,903	
<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>	1.00%		<b>\$1,758,699</b>
(A) EQUIPMENT REPURCHASES			\$27,846,068
(B) COST TO RELOCATE EQUIPMENT			\$21,163,012
(C) DISPOSAL COST OF EXCESS EQUIPMENT			\$1,758,699
<b>TOTAL EQUIPMENT COSTS</b>		=====	<b>\$50,767,779</b>

*CONTINUED ON  
NEXT PG.*

## TRANSPORTATION SPREADSHEET

2. INVENTORIES

a.	STOCK FUND		\$14,984,369,511
	TOTAL		=====
			\$14,984,369,511
b.	AMOUNT TO MOVE	30.00%	\$4,495,310,853
c.	COST TO RELOCATE		\$44,953,109
d.	<b>TOTAL INVENTORY COSTS</b>	1.00%	<b>\$44,953,109</b>

3. MATERIAL DAMAGE

a.	EQUIPMENT		\$529,075,292
		HANDLING	
	(TVA)*TIMES HANDLED*.0001	8	\$423,260
b.	INVENTORY		\$4,495,310,853
		HANDLING	
	((TVA INVENTORY)*TIMES HANDLED*.0001)	4	\$1,798,124
	<b>TOTAL MATERIAL DAMAGE COST</b>		<b>\$2,221,385</b>

4. TOTAL EQUIPMENT TRANSPORTATION COSTS FOR

**Kelly AFB**

TOTAL EQUIPMENT REPURCHASES	\$27,846,068
TOTAL COST TO MOVE EQUIPMENT	\$21,163,012
DISPOSAL COSTS FOR EXCESS EQUIPMENT	\$1,758,699
INVENTORY	\$44,953,109
MATERIAL DAMAGE	\$2,221,385
<b>TOTAL</b>	<b>\$97,942,272</b>

Kelly Vehicles

Vehicle Movement from Kelly

Light	559	Source: AFMC 21 Study. Certified data provided by HQ AFMC/XPX
Heavy	<u>1018</u>	
Total	1577	

Workload Transfer Percentages

Hill	11%	Source: AFMC 21 Study. Certified data from spreadsheet provided by HQ AFMC/XPX on 09/08/94, page 3 of fax.
Tinker	89%	
Robins	<u>0%</u>	
	100%	

Transfer to:	5%	10%	25%	30%	25%	5%	Totals	
Hill	1996	1997	1998	1999	2000	2001		
Light	3	6	15	18	16	3	61.49	61
Heavy	6	11	28	34	28	5	<u>111.98</u>	112
							173.47	173
Tinker	1996	1997	1998	1999	2000	2001	Totals	
Light	25	50	124	149	124	25	497.51	497
Heavy	45	91	227	272	227	45	906.02	907
							1403.53	1404
Robins	1996	1997	1998	1999	2000	2001	Totals	
Light	0	0	0	0	0	0	0	
Heavy	0	0	0	0	0	0	<u>0</u>	
							0	

AFREA WORKSHEET  
ESTIMATED REVENUES FROM  
THE SALE OF AIR FORCE-CONTROLLED  
REAL PROPERTY

INSTALLATION NAME: Kelly AFB, TX

ESTIMATED LAND VALUE  
(Current):  
(MAJCOM submittals)

\$ 14,240,647

FACILITY COST:  
(PCN LP 5731A  
depreciated by  
58 percent)

\$475,091,000 X .42    \$199,358,000

TOTAL ESTIMATED CURRENT VALUE:

\$213,598,647

ESTIMATED REVENUE:

FY 96	<u>0</u>
FY 97	<u>0</u>
FY 98	<u>0</u>
FY 99	<u><del>1,700</del> 1,070,000</u>
FY 00	<u>2,140,000</u>
FY 01	<u>2,140,000</u>

*corrected per telephone call, MR EDWARDS  
on 12/20/94. 12/20/94*

REMARKS: Based upon an analysis of the market data provided in the questionnaire, the impact of the loss of 23,000 jobs should the base close and considering this base to be the only one to close in the San Antonio area, we are projecting an absorption rate of .5% for FY 99, and 1% for FY 00-01. (NOTE: Cleanup of fuel leakage on-base and onto off-base private property may delay any sales until after FY 2001. There are currently 52 IRP sites on base and nine IRP sites extend off-base.)

Some revenues may be received after FY 2001.

Preparer: W. Edwards                      Date: 20 Dec 94

Kelly - Option 1 MILCON

Purpose: Summarize MILCON Requirements for Option 1. Close Kelly. Canton AFRES C-5s, ANG F-16s, and AIA at Lackland. NOTE: Does not reflect \$278M for 2085 new MFH units at Lackland.

Source: AFRES, ANG, AFMC21, AF/CEP, and AF/CEH inputs

**GAINING BASE: LACKLAND**

Unit	Description	Cost (\$M)
AIA	Utilities	2.5
AIA	Other Infrastructure (fences, etc)	0.5
	Subtotal	<u>3</u>

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	Cold Storage	0.5
	Subtotal	<u>0.5</u>

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	Bldg 214 GTE Test Facility	0.647
ALC	Fuel/Air Facility	1.048
ALC	Bldg 3902 Fuel Test	1.632
ALC	Bldg 3703 Fuel Test	5
ALC	C-5 Repair Facilities	52.111
ALC	Renovate Engine Test Cells	8.7
ALLC	New/Renovate Admin Space	19.87
	93 MFH Units	12.13
	Subtotal	<u>101.138</u>

**GAINING BASE: BASE X**

Unit	Description	Cost (\$M)
	None.	0
	Subtotal	<u>0</u>

Facilities Total: 92.508  
MFH Total 12.13

**GRAND TOTAL: \$ 104.64 M**

**McCLELLAN AFB**

**FOR**

**FOCUSED COBRA ANALYSIS**

Department : Air Force  
 Option Package : McClellan - Option 2  
 Scenario File : C:\COBRA508\AF-ONLY\0119\MCC-0119.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\0119\DEPOT.SFB

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2008 (7 Years)

NPV In 2015(\$K) : -392,488  
 I-Time Cost (\$K) : 574,494

Net Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total
MILCON	63,242	5,338	7,118	9,787	4,893	7,118	97,497
Person	942	512	3,274	5,823	6,064	-25,250	-8,634
Overhd	2,198	6,137	1,744	-204	-3,903	-14,281	-8,310
Moving	14,110	34,409	70,286	84,384	70,260	22,414	295,863
Missio	0	0	0	0	0	0	0
Other	3,874	8,374	19,350	23,219	19,348	55,111	129,276
TOTAL	84,365	54,770	101,773	123,009	96,662	45,112	505,693
	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED	0	0	0	0	0	58	58
OFF	0	0	0	0	0	58	58
ENL	0	0	0	0	0	504	504
CIV	0	0	0	0	0	876	876
TOT	0	0	0	0	0	1,438	1,438
POSITIONS REALIGNED	18	111	83	98	80	10	400
OFF	18	111	83	98	80	10	400
ENL	51	907	247	298	245	45	1,793
Stu	0	0	0	0	0	0	0
CIV	361	918	1,795	2,153	1,795	350	7,372
TOT	430	1,936	2,125	2,549	2,120	405	9,565

Summary:

McClellan AFB closes. AFRS HQ 4th AF to March AFB.

SM-AIC workload transferred to OO-AIC (70%), OC-AIC (25%), and

MR-AIC (5%). Tenants with specified gaining locations moved to their

respective sites. Remaining tenants and base population moved to

Base X. Includes \$20.073M one-time charge to shutdown neutron radio-

graphy facility and \$300K recurring cost for storing contaminated

materials. U.S. Coast Guard to Moffett. Assumes phasout of F/BF-111 work

load. Used updated manpower baseline from AF/BBP (62 fewer eliminations).

Department : Air Force  
 Option Package : McClellan - Option 2  
 Scenario File : C:\COBRAS08\AF-ONLY\0119\MCC-0119.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\0119\DEPOT.SFF

Costs (\$K) Constant Dollars	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	63,242	5,338	7,118	9,787	4,893	7,118	97,497	0
Person	1,446	8,078	12,176	14,979	15,219	15,726	67,624	9,826
Overhd	2,198	7,921	7,704	10,013	12,302	13,480	53,618	9,156
Moving	14,218	36,007	70,804	85,005	70,770	22,501	299,306	0
Missio	0	0	0	0	0	0	0	0
Other	3,874	8,374	19,350	23,219	19,348	55,111	129,276	0
<b>TOTAL</b>	<b>84,978</b>	<b>65,719</b>	<b>117,152</b>	<b>143,005</b>	<b>122,533</b>	<b>113,935</b>	<b>647,322</b>	<b>18,982</b>

Savings (\$K) Constant Dollars	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	504	7,566	8,901	9,156	9,156	40,975	76,258	72,795
Overhd	0	1,784	5,959	10,218	16,204	27,762	61,928	33,038
Moving	108	1,598	518	622	510	86	3,443	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>612</b>	<b>10,949</b>	<b>15,379</b>	<b>19,995</b>	<b>25,870</b>	<b>68,824</b>	<b>141,629</b>	<b>105,834</b>

**COBRA MANPOWER IMPACT SHEET**

BASE: MCCELLELLAN - OPTION 2 (Based on New Manpower Worksheet from AF/PEP)

DESCRIPTION: Same as Option 1 except assume F/EF-111 workload is phased out. Used an updated manpower baseline provided by LTC Callahan, AF/PEP.

Source	Officer	Armn	Civilians	Total
94/4 AF Base Population	449	2325	8882	11656
Non-AF Tenant Population	0	0	603	603
1. Defense Logistics Agency	0	0	0	0
2. Defense Commissary Agency	1	8	130	139
3. DFAS	1	0	0	1
4. U.S. Coast Guard	26	164	0	190
Total Base Population	476	2497	9616	12588
Screen 4 input				
BRAC95 Baseline Analysis WS 1/12/95, TAB 4	431	2125	7516	10072
(Total from above)	27	172	733	932
97/4 Adj Total Base Population	458	2297	8249	11004
97/4 Adj Base population plus tenants				
Force Structure Changes	-18	-200	-1368	-1584
Eliminations	-59	-504	-876	-1438
Total Movements	400	1793	7373	9566
Cumulative Screen 3 Inputs				

**ORGANIZATIONAL MOVES**

AFRES Moves - Enter on Screen 3

HQ 4th AF To:

Year	Officers	Armn	Civilians	Totals
1996	0	0	0	0
1997	0	0	53	53
1998	0	0	0	0
1999	0	0	0	0
2000	0	0	0	0
2001	0	0	0	0
Totals	0	0	53	53

N/A

Year	Officers	Armn	Civilians	Totals
1996	0	0	0	0
1997	0	0	0	0
1998	0	0	0	0
1999	0	0	0	0
2000	0	0	0	0
2001	0	0	0	0
Totals	0	0	0	0

U.S. Coast Guard

Moffett

Year	Officers	Armn	Civilians	Totals
1996	0	0	0	0
1997	0	26	0	26
1998	0	0	0	0
1999	0	0	0	0
2000	0	0	0	0
2001	0	0	0	0
Totals	0	26	0	26

Det12 Moves - Enter on Screen 3

Travis

Transfer to:

Year	Officers	Armn	Civilians	Totals
1996	0	0	0	0
1997	5	41	96	142
1998	0	0	0	0
1999	0	0	0	0
2000	0	0	0	0
2001	0	0	0	0
Totals	5	41	96	142

AFAC Moves - Enter on Screen 3

Offutt

Transfer to:

Year	Officers	Armn	Civilians	Totals
1996	0	0	0	0
1997	42	316	30	388
1998	0	0	0	0
1999	0	0	0	0
2000	0	0	0	0
2001	0	0	0	0
Totals	42	316	30	388

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# COBRA MANPOWER IMPACT SHEET

1827 Electronic Install Sqdrn - Enter on Screen 3

Transfer to:		1996	1997	1998	1999	2000	2001	Totals
Travis								
	Officers	0	4	0	0	0	0	4
	Armn	0	285	0	0	0	0	285
	Civilians	0	20	0	0	0	0	20
								309

## DEPOT MOVEMENTS

Officers	133						
Enlisted	223						
Civilians	5929						
Total	6285						
		<p style="margin: 0;">Source: BRAC95 Manpower Impact Worksheet Dated 10/25/94 provided by LTC Callahan, PEP. Manpower figures reflect FY97/4 endstrength</p>					
Workload Transfer Percentages							
Hill	70.0%						
Tinker	25.0%						
Robins	5.0%						
	100%						
		<p style="margin: 0;">Source: FY99 workload percentages provided by LTC Pitcher</p>					
Transfer to:	5%	10%	25%	30%	25%	5%	
Hill	1996	1997	1998	1999	2000	2001	Totals
	5	10	24	28	24	2	93
Officers	8	16	39	47	39	7	156
Enlisted	208	415	1038	1245	1038	206	4150
Civilians							4399
Transfer to:	5%	10%	25%	30%	25%	5%	
Tinker	1996	1997	1998	1999	2000	2001	Totals
	2	4	9	10	8 8	-20	33
Officers	3	6	14	17	14	2	56
Enlisted	75	149	371	445	371	71	1482
Civilians							1571
Transfer to:	5%	10%	25%	30%	25%	5%	
Robins	1996	1997	1998	1999	2000	2001	Totals
	1	1	2	3	2 0	2 0	7
Officers	1	2	3	4	3 1	-2 0	11
Enlisted	15	30	74	89	74	14	296
Civilians							314

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ADJUSTED TO ACCOUNT  
FOR DISCIPL'S ROUND  
FUTURE USE

## COBRA MANPOWER IMPACT SHEET

### BASE X Movements - Remaining Population Moved to Base X on Screen 3

Transfer to:	5%	10%	25%	30%	25%	5%	
Base X	1996	1997	1998	1999	2000	2001	Totals
Officers	10	19	48	57	48	8	190
Amn	39	77	191	230	191	36	764
Civilians	63	125	312	374	312	59	1245
							2199

Adjustments in 2001 due to rounding

CLOSE HOLD - BCEG ONLY

BASE: McClellan

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
<b>ADJUSTED BASELINE POPULATION</b>	<b>431</b>	<b>2,125</b>	<b>7,516</b>	<b>10,072</b>	<b>261</b>	<b>10,333</b>
MISSION & BOS TO REALIGN	215	1,209	6,770	8,194	261	8,455
<b>MANPOWER IMPACTS</b>						
Move depot functions	-127	-85	-5522	-5734	0	-5734
BOS tail	-6	-138	-407	-551	0	-551
Depot consolidation savings (6%)	-8	-5	-352	-365	0	-365
BOS tail	0	-9	-26	-35	0	-35
Other mission manpower and BOS to move	-74	-972	-463	-1509	-261	-1509
Support manpower retained	-166	-426	-257	-849	0	-849
Estimated closure savings	50	490	489	1,029	0	1029
<b>NET SAVINGS (INCL DEPOT)</b>	<b>58</b>	<b>504</b>	<b>867</b>	<b>1,429</b>	<b>0</b>	<b>1429</b>

### 1 Time Unique Costs

Production Transition Costs	\$53,824,013
Environmental Studies	\$ 4,200,000
Civilian Terminal Leave	\$7,096,167
Rearrangement Costs	\$ 3,729,190
Install Test Equipment at Hill.	\$ 27,000
Install Software at Hill.	\$ 200,000
Activate Outside Range at Hill.	\$ 200,000
Sub-Total	<u>\$69,276,370</u>
Shutdown Neutron Radiography Facility	\$20,072,996
Base Conversion Agency Costs	\$30,000,000
	<u>\$119,349,366</u>

SOURCE:

PTC Spreadsheet  
 1 EIS (\$1.2M) & 4 EAs (750K ea)  
 Civ Term Lv Spreadsheet  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data  
 AFMC 21 Certified Data

Added to Last Year.  
 Added to Last Year.

Time Phasing

FY96	5%	\$ 3,463,819
FY97	10%	\$ 6,927,637
FY98	25%	\$ 17,319,093
FY99	30%	\$ 20,782,911
FY00	25%	\$ 17,319,093
FY01	5%	\$ 53,536,815
Total	100%	\$ 119,349,366

### 1 Time Moving Costs

\$135,632,576
\$ 700,000
<u>\$136,332,576</u>

Source: Eqpt Transportation Spreadsheet  
 Source: AFMC 21 Certified Data. "Relocate Cold Proof Eqpt to Hill"

Time Phasing

FY96	5%	\$ 6,816,629
FY97	10%	\$ 13,633,258
FY98	25%	\$ 34,083,144
FY99	30%	\$ 40,899,773
FY00	25%	\$ 34,083,144
FY01	5%	\$ 6,816,629
Total	100%	\$ 136,332,576

McCLELLAN

## Production Transition Costs

Purpose: This worksheet calculates Production Transition Costs (formerly called Interim Production Support Costs) for realignment alternatives. Data will be used to evaluate the cost impact of consolidating Air Logistic Center workload.

(A) REQUIREMENT - LOSING ORGANIZATION		DPAH			HOURS MOVED	
	FY 95	5%	5,415,000		270,750	
	FY 96	10%	5,249,000		524,900	
	FY 97	25%	5,266,000		1,316,500	
	FY 98	30%	5,160,000		1,548,000	
	FY 99	25%	5,160,000		1,290,000	
	FY 00	5%	5,160,000		258,000	
			100.00%	31,410,000	5,208,150	
(B) WORKDAYS					261	
(C) DAYS OF IPS REQUIRED					86	
(D) IPS % (C/B)					32.95%	
(E) IPS HRS REQUIRED					1,716,095	
(F) TOTAL SURGE CAPABILITY					25.00%	
SURGE CAPABILITY LOSING CENTER 10%					10.00%	
SURGE CAPABILITY GAINING CENTER 15%					15.00%	
=====						
(G) ORGANIC HOURS/ORGANIC COSTS						
TOTAL REQUIREMENT					429,024	
RCC Rates w/o Materials						
	SM-ALC	\$49.32	\$24.66	10.00%	42,902	\$1,057,973
GAINING ALC:						
	OC-ALC	\$47.93	\$23.97	25.00%	96,530	\$2,313,350
	OO-ALC	\$48.15	\$24.08	70.00%	270,285	\$6,507,112
	SA-ALC	\$47.28	\$23.64	0.00%	0	\$0
	SM-ALC	\$49.32	\$24.66	0.00%	0	\$0
	WR-ALC	\$41.98	\$20.99	5.00%	19,306	\$405,234
TOTALS			100.00%	\$9,225,697		
TOTAL ORGANIC COST					\$10,283,670	
=====						
(H) NON ORGANIC % (100%-F)					75.00%	
(I) NON ORGANIC HOURS (E*H)					1,287,072	
(J) CONTRACT %					50.00%	
(K) CONTRACT HOURS (I*J)					643,536	
(L) CONTRACTOR DIFFERENTIAL					\$19.73	
(M) ADDITIVE CONTRACT COST (K*L)					\$12,695,674	
=====						
(N) UNSUPPORTABLE WORKLOAD % (DURING TRANSITION) (100%-F-J)					25.00%	
(O) UNSUPPORTABLE HOURS (I*N)					643,536	
(P) CATCH UP COST						
GAINING ALC:						
	OC-ALC	\$47.93		25.00%	160,884	\$7,711,167
	OO-ALC	\$48.15		70.00%	450,475	\$21,591,269
	SA-ALC	\$47.28		0.00%	0	\$0
	SM-ALC	\$49.32		0.00%	0	\$0
	WR-ALC	\$41.98		5.00%	32,177	\$1,542,233
TOTAL					\$30,844,670	
=====						
(R) TOTAL PRODUCTION TRANSITION COST: (G TOTAL+M+P TOTAL)					\$53,824,013	
					ORGANIC PREMOVE	\$10,283,670
					CONTRACT	\$12,695,674
					ORGANIC POST MOVE	\$30,844,670
					TOTAL	\$53,824,013

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## TRANSPORTATION SPREADSHEET

Purpose: This worksheet estimates transportation costs for mission support equipment and inventories. Data will be used for evaluating the cost impact of consolidating AF installations.

**Location: McClellan AFB**

<b>1. EQUIPMENT TRANSFER</b>			
<b>a. EQUIPMENT ACQUISITION COSTS PER GO17</b>			
	WEAPON SYSTEM SUPPORT EQUIPMENT		\$0
	APPROPRIATED FUND		\$0
	OVER 5K	\$1,593,957,554	
	UNDER 5K		\$0
	<b>TOTAL</b>		=====
			<b>\$1,593,957,554</b>
<b>b. EXCESS EQUIPMENT</b>			
	WEAPON SYSTEM SUPPORT EQUIPMENT	PERCENT	\$0
	APPROPRIATED FUND	24.00%	\$0
	NON APPROPRIATED FUND	24.00%	\$382,549,813
	OTHER	24.00%	\$0
	<b>TOTAL VALUE OF EXCESSED EQUIPMENT</b>		=====
			<b>\$382,549,813</b>
<b>c. REPURCHASE VS MOVE</b>			
	WEAPON SYSTEM SUPPORT EQUIPMENT	5.00%	\$0
	APPROPRIATED FUND	5.00%	\$0
	NON APPROPRIATED FUND	5.00%	\$60,570,387
	OTHER	5.00%	\$0
	<b>(A) TOTAL EQUIPMENT REPURCHASES</b>		=====
			<b>\$60,570,387</b>
	<b>COST TO RELOCATE EQUIPMENT</b>		
	REMAINING EQUIPMENT VALUE		\$1,150,837,354
d.	P.C.H (WESTING HOUSE)	2.50%	\$28,770,934
e.	TRANSPORTATION (DST)	0.50%	\$5,754,187
f.	REMOVE AND REINSTALL (SM-ALC/MADE)	1.0%	\$11,508,374
	<b>(B) TOTAL COST TO MOVE EQUIPMENT</b>		=====
			<b>\$46,033,494</b>
	<b>COST TO DISPOSE OF EXCESS EQUIPMENT (DRMO)</b>		
	EQUIPMENT VALUE		\$382,549,813
g.	<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>	1.00%	\$3,825,498
	<b>(A) EQUIPMENT REPURCHASES</b>		\$60,570,387
	<b>(B) COST TO RELOCATE EQUIPMENT</b>		\$46,033,494
	<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>		\$3,825,498
	<b>TOTAL EQUIPMENT COSTS</b>		=====
			<b>\$110,429,379</b>

*CONTINUED ON  
NEXT PG*

## TRANSPORTATION SPREADSHEET

2. INVENTORIES			
a.	STOCK FUND		\$7,782,861,153
	TOTAL		----- \$7,782,861,153
b.	AMOUNT TO MOVE	30.00%	\$2,334,858,346
c.	COST TO RELOCATE	1.00%	\$23,348,583
d.	<b>TOTAL INVENTORY COSTS</b>		<b>\$23,348,583</b>

3. MATERIAL DAMAGE			
a.	EQUIPMENT		\$1,150,837,354
	(TVA)*TIMES HANDLED*.0001	HANDLING	
		3	\$920,670
b.	INVENTORY	HANDLING	\$2,334,858,346
	((TVA INVENTORY)*TIMES HANDLED*.0001)	4	\$933,943
	<b>TOTAL MATERIAL DAMAGE COST</b>		<b>\$1,854,613</b>

4. TOTAL EQUIPMENT TRANSPORTATION COSTS FOR		<b>McClellan AFB</b>
TOTAL EQUIPMENT REPURCHASES		\$60,570,387
TOTAL COST TO MOVE EQUIPMENT		\$46,033,494
DISPOSAL COSTS FOR EXCESS EQUIPMENT		\$3,825,498
INVENTORY		\$23,348,583
MATERIAL DAMAGE		\$1,854,613
<b>TOTAL</b>		<b>\$135,632,576</b>

Vehicles

Vehicle Movement from McClellan

Light	345	80.1238%	Source: AFMC 21 Study. Certified data provided by HQ AFMC/XPX
Heavy	533	30.2571%	
Total	878		

Workload Transfer Percentages

Hill	70.0%	Source: AFMC 21 Study. Certified data from spreadsheet provided by HQ AFMC/XPX on 09/08/94, page 3 of fax.
Tinker	25.0%	
Robins	5.0%	
	100%	

Transfer to:	5%	10%	25%	30%	25%	5%	Totals	
Hill	1996	1997	1998	1999	2000	2001		
Light	12	24	61	73	60	12	242	242
Heavy	19	37	93	112	93	19	373	373
							615	
Transfer to:	5%	10%	25%	30%	25%	5%	Totals	
Tinker	1996	1997	1998	1999	2000	2001		
Light	4	9	22	26	21	4	86	86
Heavy	7	13	33	40	33	7	133	133
							219	
Transfer to:	5%	10%	25%	30%	25%	5%	Totals	
Robins	1996	1997	1998	1999	2000	2001		
Light	1	2	4	5	4	1	17	17
Heavy	1	3	7	8	7	1	27	27
							44	

AFREA WORKSHEET  
ESTIMATED REVENUES FROM  
THE SALE OF AIR FORCE-CONTROLLED  
REAL PROPERTY

INSTALLATION NAME: McClellan AFB, CA

ESTIMATED LAND VALUE  
(Current):  
(MAJCOM submittals)

\$ 10,652,040

FACILITY COST:  
(PCN LP 5731A  
depreciated by  
58 percent)

\$477,918,000 X .42 \$200,726,000

TOTAL ESTIMATED CURRENT VALUE:

\$211,378,040

ESTIMATED REVENUE:

FY 96	<u>0</u>
FY 97	<u>0</u>
FY 98	<u>0</u>
FY 99	<u>0</u>
FY 00	<u>0</u>
FY 01	<u>0</u>

REMARKS: Based on the unemployment rate of 8.9%, the size of the city and the impact of the loss of 17,000 jobs, should the base close, and the extensive soil contamination on base and contaminated groundwater plumes that underlie the installation, we are projecting no revenues through FY 2001. There are 258 IRP sites on base which is on the National Priority List (NPL).

Some revenues may be received after FY 2001 if existing contamination is corrected.

Preparer: W. Edwards

Date: 20 Dec 94

Purpose: Calculate Terminal Leave Costs for McClellan

Hours Annual Leave	200
Avg Hourly Wage for SM-ALC	\$18.63
Total FY98 Civilians	9615
Not Willing to Move Factor	10%
Eliminations	943
Terminal Leave Costs	\$7,096,167

**Dynamic Base Information**

**4.7.1 One-Time Unique Costs**

This is the unique expenditures during each year that cannot be portrayed properly elsewhere. Entries to the COBRA Model must be between (\$99,999,000) and \$99,999,000.

One-Time unique costs for McClellan AFB include the shutdown of the nuclear facilities that support the stationary neutron radiography system and the maneuverable neutron radiography system. The cost of closing the facility is shown in the table below.

**Table 15 Nuclear Facility Shutdown Cost.**

Item	Length	Height	Depth	Cubic Feet	Cost per Cubic Foot	Total Cost
East Wall	160.0	19.6	0.5	1,568.0	\$300	\$470,400
West Wall	160.0	19.6	0.5	1,568.0	\$300	\$470,400
North Wall	96.0	19.6	0.5	940.8	\$300	\$282,240
South Wall	96.0	19.6	0.5	940.8	\$300	\$282,240
Center Wall	96.0	19.6	0.5	940.8	\$300	\$282,240
Ceiling	160.0	96.0	0.5	7,680.0	\$300	\$2,304,000
Floor	160.0	96.0	0.5	7,680.0	\$300	\$2,304,000
CA252 Room				10,750.0	\$300	\$3,225,000
Maze				618	\$300	\$185,400
Total Building Material						\$9,805,920
CA252 Removal						\$150,000
NRC License						\$200,000
Transportation						\$612,500
Removal & Packaging						\$3,268,640
Management Fees, Quality Control, Testing, Misc						\$4,211,118
10 % Contingency						\$1,824,818
Total						\$20,072,996

In addition to the \$20 million one-time cost of closing the nuclear facility, there is a recurring cost of \$300,000 for storing the contaminated material.<sup>11</sup>

<sup>11</sup>Information from US Ecology, Inc. 533 Westheimer, Suite 1000, Houston, TX 77056. Phone (713)624-1900.

Purpose: Summarize MILCON Requirements for Alternative 2. Same as Option 1 except assume F/EF-111 workload is phased out. MILCON is essentially the same; however, LTC Pitcher deleted the cold proof construction (\$10.52M) at Hill.

Source: AFRES, AFMC21, AF/CEP, AF/LGMM, and AF/CEH Inputs

**GAINING BASE: ROBINS**

Unit	Description	Cost (\$M)
	None	0
	Subtotal	<u>0</u>

**GAINING BASE: TINKER**

Unit	Description	Cost (\$M)
ALC	New A/C Maintenance Dock	0.305
ALC	Hydraulics Reconfig	0.968
ALC	QL Facilities	15.4
ALC	Instruments	0.525
ALC	New/Renovate Admin Space	3.33
	Subtotal	<u>20.528</u>

**GAINING BASE: OFFUT**

Unit	Description	Cost (\$M)
AFTAC	Renovate Facilities	4.4
AFTAC	Airman Dormitory	1.68
	Subtotal	<u>6.08</u>

**GAINING BASE: HILL**

Unit	Description	Cost (\$M)
ALC	3&8 Story Tower	1.5
ALC	40000 sf High Bay	8.2
ALC	Renovate Bldg 100C	0.07
ALC	Renovate Bldg 5N	1.543
ALC	Construct Test Platform	0.365
ALC	Tower Supports	0.251
ALC	Renovate Bldg 265	1.3
ALC	Construct Test Cells	0.3
ALC	Renovate Bldg 11	0.95
ALC	New/Renovate Admin Space	9.51
	Subtotal	<u>23.989</u>

**GAINING BASE: MOFFETT**

Unit	Description	Cost (\$M)
USCG	Beddown 4 C-130s	22.12
	Subtotal	<u>22.12</u>

**GAINING BASE: TRAVIS**

Unit	Description	Cost (\$M)
1827 EIS	Dormitory	1.27
Det 42	Secure Facilities	23.54
	Subtotal	<u>24.81</u>

**GAINING BASE: BASE X**

Unit	Description	Cost (\$M)
	None	0
	Subtotal	<u>0</u>

Facilities Total:	97.527
MFH Total	0

**GRAND TOTAL: \$ 97.53 M**

**FOCUSED COBRA ANALYSIS**

**FOR**

**ROBINS AFB**

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2  
 Data As Of 09:31 05/24/1995, Report Created 12:49 05/25/1995

Department : Air Force  
 Option Package : Focused Robins AFB  
 Scenario File : C:\COBRA508\AF-ONLY\0522\ROB0523.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\0522\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2023 (22 Years)

NPV in 2015(\$K): 249,299  
 1-Time Cost(\$K): 925,407

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	47,122	185,766	19,096	26,257	13,129	19,096	310,466	0
Person	1,371	12,831	16,122	19,261	19,160	-9,597	59,150	-41,593
Overhd	2,479	12,530	5,810	4,192	583	-9,631	15,963	-20,316
Moving	15,690	59,524	78,222	93,826	78,204	22,971	348,438	0
Missio	0	0	0	0	0	0	0	0
Other	8,127	17,525	40,635	48,761	40,634	38,766	194,448	0
<b>TOTAL</b>	<b>74,790</b>	<b>288,177</b>	<b>159,886</b>	<b>192,298</b>	<b>151,710</b>	<b>61,604</b>	<b>928,466</b>	<b>-61,909</b>

	1996	1997	1998	1999	2000	2001	Total	
<b>POSITIONS ELIMINATED</b>								
Off	0	0	0	0	0	57	57	
Enl	0	0	0	0	0	356	356	
Civ	0	0	0	0	0	776	776	
TOT	0	0	0	0	0	1,189	1,189	

	1996	1997	1998	1999	2000	2001	Total	
<b>POSITIONS REALIGNED</b>								
Off	18	647	83	100	81	9	938	
Enl	46	2,575	225	269	223	38	3,376	
Stu	0	0	0	0	0	0	0	
Civ	472	1,742	2,357	2,828	2,357	466	10,222	
TOT	536	4,964	2,665	3,197	2,661	513	14,536	

Summary:

-----  
 Update level playing field COBRA for Robins AFB. Close entire installation. Move HQ AFRES to Dobbins, 19th Air Refueling Wing to Charleston, 5th Combat Comm Group to Shaw, and JSTARS to Beale. 9 Space Warning Sq taken as a force structure reduction. WR-ALC workload moved to SM-ALC (58%), SA-ALC (30%), and OO-ALC (12%). Remaining base population moved to Base X. Updated manpower transfers, eliminations, and one-time unique costs based on new manpower worksheets from AF/PEP and revised MILCON estimates after AF/CEP and AF/LGMM review and validation. Screen 4 data also updated for consistency.

Department : Air Force  
 Option Package : Focused Robins AFB  
 Scenario File : C:\COBRA508\AF-ONLY\0522\ROB0523.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\0522\DEPOT.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	47,122	191,361	19,096	26,257	13,129	19,096	316,061	0
Person	1,768	20,534	23,825	26,963	26,863	24,879	124,833	19,657
Overhd	2,479	14,351	14,272	17,215	20,086	21,175	89,578	16,067
Moving	15,791	64,583	78,706	94,405	78,681	23,045	355,211	0
Missio	0	0	0	0	0	0	0	0
Other	8,127	17,525	40,635	48,761	40,634	38,766	194,448	0
<b>TOTAL</b>	<b>75,287</b>	<b>308,355</b>	<b>176,534</b>	<b>213,602</b>	<b>179,393</b>	<b>126,961</b>	<b>1,080,132</b>	<b>35,724</b>

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	5,595	0	0	0	0	5,595	0
Person	396	7,703	7,703	7,703	7,703	34,476	65,683	61,250
Overhd	0	1,821	8,462	13,023	19,503	30,806	73,615	36,383
Moving	100	5,058	483	579	477	74	6,773	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>497</b>	<b>20,178</b>	<b>16,648</b>	<b>21,305</b>	<b>27,683</b>	<b>65,356</b>	<b>151,666</b>	<b>97,633</b>

**COBRA MANPOWER IMPACT WORKSHEET**

BASE: ROBINS (Based on New Manpower Worksheet from AF/PEP)

DESCRIPTION: Close Robins AFB. Move Hq AFRES to Dobbins, 19 Air Refueling Wing to Charleston, 5th Combat Comm Group to Shaw, and JSTARS unit to Beale. 9 SWS (Pave Paws) taken as a force structure reduction. WR-ALC workload moved to SM-ALC (58%), SA-ALC (30%), and OO-ALC (12%).

Source	Officer	Armn	Civilians	Total
94/4 AF Base Population	739	3269	11119	15127
Non-AF Tenant Population	1	0	838	839
1. Defense Logistics Agency	0	0	0	0
2. Defense Commissary Agency	0	0	0	0
3. Defense Accounting Office	2	24	116	142
4. Def Information Sys Agency	3	4	184	191
94/4 Total Base Population	745	3297	12257	16299
Screen 4 input				
97/4 Adj Base Pop	1001	3771	9870	14642
BRAC Manpower Impact Estimate 5/22/95				
Non-AF Tenants	6	28	1138	1172
(Total from above)				
97/4 Adj Total Base Population	1007	3799	11008	15814
97/4 Adj total pop minus 94/4 total base pop. Includes 9th SWS.	250	435	-1259	-574
Force Structure Changes				
Eliminations	-57	-356	-776	-1189
BRAC Manpower Impact Estimate 5/22/95. Screen 6 input				
Cumulative Screen 3 Inputs	938	3376	10222	14536

**ORGANIZATIONAL MOVES**

Hq AFRES - Enter on Screen 3

Transfer Hq AFRES to:	1996	1997	1998	1999	2000	2001 Totals
Dobbins	0	0	0	0	0	0
Officers	0	151	0	0	0	151
Armn	0	322	0	0	0	322
Civilians	0	549	0	0	0	549
<b>Totals</b>	<b>0</b>	<b>151</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>151</b>

19 Air Refueling Wing - Enter on Screen 3

Transfer 19 Air Refueling Wing to:	1996	1997	1998	1999	2000	2001 Totals
Charleston	0	0	0	0	0	0
Officers	0	164	0	0	0	164
Armn	0	739	0	0	0	739
Civilians	0	76	0	0	0	76
<b>Totals</b>	<b>0</b>	<b>164</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>164</b>

5th Combat Comm Group - Enter on Screen 3

Transfer 5th CCG to:	1996	1997	1998	1999	2000	2001 Totals
Shaw	0	0	0	0	0	0
Officers	0	32	0	0	0	32
Armn	0	713	0	0	0	713
Civilians	0	63	0	0	0	63
<b>Totals</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>

Joint STARS - Enter on Screen 3

Transfer to:	1996	1997	1998	1999	2000	2001 Totals
Beale	0	0	0	0	0	0
Officers	0	266	0	0	0	266
Armn	0	710	0	0	0	710
Civilians	0	110	0	0	0	110
<b>Totals</b>	<b>0</b>	<b>266</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>266</b>

# COBRA MANPOWER IMPACT WORKSHEET

## DEPOT MOVEMENTS

Officers	150
Amn	206
Civilians	<u>7096</u>
Total	<u>7452</u>

Source:  
BRAC95 Manpower Impact Worksheet  
Dated 5/22/95 provided by  
LTC Callahan, PEP. Manpower figures  
reflect FY97/4 endstrength and include BOS

### Workload Transfer Percentages

Hill	12%
Kelly	30%
McClellan	58%
Tinker	<u>0%</u>
	<u>100%</u>

Source:  
Workload percentages provided by  
HQ AFMC based on AFMC 21 study

Transfer to:		5%	10%	25%	30%	25%	5%	
Hill		1996	1997	1998	1999	2000	2001	Totals
	Officers	1	2	5	6	4	0	18
	Amn	2	3	7	8	5	0	25
	Civilians	43	86	213	256	213	41	<u>852</u>
								<u>895</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
Kelly		1996	1997	1998	1999	2000	2001	Totals
	Officers	3	5	12	14	11	0	45
	Amn	4	7	16	19	16	0	62
	Civilians	107	213	533	639	533	104	<u>2129</u>
								<u>2236</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
McClellan		1996	1997	1998	1999	2000	2001	Totals
	Officers	5	9	22	27	22	2	87
	Amn	6	12	30	36	30	5	119
	Civilians	206	412	1029	1235	1029	205	<u>4116</u>
								<u>4322</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
Tinker		1996	1997	1998	1999	2000	2001	Totals
	Officers	0	0	0	0	0	0	0
	Amn	0	0	0	0	0	0	0
	Civilians	0	0	0	0	0	0	<u>0</u>

### BASE X Movements - Remaining Population Moved to Base X on Screen 3

Transfer to:		5%	10%	25%	30%	25%	5%	
Base X		1996	1997	1998	1999	2000	2001	Totals
	Officers	9	18	44	53	44	7	175
	Amn	34	69	172	206	172	33	686
	Civilians	116	233	582	698	582	116	<u>2327</u>
								<u>3188</u>

# BRAC MANPOWER IMPACT ESTIMATE

ROBINS AFB

AUG 94 BASELINE

	FY 97				DRILL	TOTAL
	OFF	AMN	CIV	ACTIVE		
ADJUSTED BASELINE POPULATION	1,001	3,771	9,870	14,642	582	15,224
MISSION & BOS TO MOVE	841	3,160	9,325	13,326	582	13,908
Move AFRES HQ and units	150	300	479	929	582	1511
BOS tail	1	22	70	93	0	93
Move Air Refueling Gp	163	718	12	893	0	893
BOS tail	1	21	64	86	0	86
Move ALC	144	73	6680	6897	0	6897
BOS tail	6	133	416	555	0	555
ALC consolidation savings (6%)	9	5	426	440	0	440
BOS tail	0	9	27	36	0	36
Move Combat Comm Gp	31	696	10	737	0	737
BOS tail	1	17	53	71	0	71
Move JSTARS unit (inbound)	265	687	39	991	0	991
BOS tail	1	23	71	95	0	95
Move Space Warning Sq	12	65	4	81	0	81
BOS tail	0	2	6	8	0	8
Move Test Sq	12	13	1	26	0	26
BOS tail	0	1	2	3	0	3
Other mission & BOS to move	45	375	965	1385	0	1385
Support manpower retained	112	269	222	603	0	603
<b>Estimated closure BOS savings</b>	<b>48</b>	<b>342</b>	<b>323</b>	<b>713</b>	<b>0</b>	<b>713</b>
<b>Net savings (includes consolidation)</b>	<b>57</b>	<b>356</b>	<b>776</b>	<b>1189</b>	<b>0</b>	<b>1189</b>

### 1 Time Unique Costs

SOURCE:

Production Transition Costs	\$74,733,500
Environmental Studies	\$ 6,450,000
Civilian Terminal Leave	\$4,826,573
Rearrangement/Eqpt Costs	\$ 69,517,000
ICS for F-15 Avionics Integ. Suppt Facility	\$ 10,834,000
Sub-Total	<u>\$ 155,527,073</u>
Base Conversion Agency Costs	\$ 30,000,000
Total	<u>\$ 185,527,073</u>

PTC Spreadsheet  
 1 EIS (\$1.2M) & 7 EAs(\$750K ea)  
 Civ Term Lv Spreadsheet  
 AFMC 21 Data  
 AFMC 21 Data  
  
 Added to Last Year

Time Phasing

FY96	5%	\$ 7,776,354
FY97	10%	\$ 15,552,707
FY98	25%	\$ 38,881,768
FY99	30%	\$ 46,658,122
FY00	25%	\$ 38,881,768
FY01	5%	\$ 37,776,354
Total	100%	<u>\$ 185,527,073</u>

### 1 Time Moving Costs

\$125,229,066

Source: Eqpt Transportation Spreadsheet

Time Phasing

FY96	5%	\$ 6,261,453
FY97	10%	\$ 12,522,907
FY98	25%	\$ 31,307,266
FY99	30%	\$ 37,568,720
FY00	25%	\$ 31,307,266
FY01	5%	\$ 6,261,453
Total	100%	<u>\$ 125,229,066</u>

## Production Transition Costs

**Purpose:** This worksheet calculates Production Transition Costs (formerly called Interim Production Support Costs) for realignment alternatives. Data will be used to evaluate the cost impact of consolidating Air Logistic Center workloads.

(A) REQUIREMENT - LOSING ORGANIZATION		DPAH		HOURS MOVED
	FY 95	5%	8,514,000	425,700
	FY 96	10%	7,941,000	794,100
	FY 97	25%	7,489,000	1,872,250
	FY 98	30%	7,339,000	2,201,700
	FY 99	25%	7,339,000	1,834,750
	FY 00	5%	7,339,000	366,950
		100.00%	45,961,000	7,495,450
(B) WORKDAYS				261
(C) DAYS OF IPS REQUIRED				86
(D) IPS % (C/B)				32.95%
(E) IPS HRS REQUIRED				2,469,765
(F) TOTAL SURGE CAPABILITY				25.00%
	SURGE CAPABILITY LOSING CENTER 10%		10.00%	
	SURGE CAPABILITY GAINING CENTER 15%		15.00%	
=====				
(G) ORGANIC HOURS/ORGANIC COSTS				
TOTAL REQUIREMENT				617,441
RCC Rates w/o Materials				
WR-ALC	\$41.98	\$20.99	10.00%	61,744
				\$1,296,009
GAINING ALC:				
OC-ALC	\$47.93	\$23.97	0.00%	0
				\$0
OO-ALC	\$48.15	\$24.08	12.00%	66,684
				\$1,605,409
SA-ALC	\$47.28	\$23.64	30.00%	166,709
				\$3,941,004
SM-ALC	\$49.32	\$24.66	58.00%	322,304
				\$7,948,025
WR-ALC	\$41.98	\$20.99	0.00%	0
				\$0
TOTALS			100.00%	\$13,494,439
TOTAL ORGANIC COST				\$14,790,448
=====				
(H) NON ORGANIC % (100%-F)				75.00%
(I) NON ORGANIC HOURS (E*H)				1,852,324
(J) CONTRACT %				50.00%
(K) CONTRACT HOURS (I*J)				926,162
(L) CONTRACTOR DIFFERENTIAL				\$16.79
(M) ADDITIVE CONTRACT COST (K*L)				\$15,552,111
=====				
(N) UNSUPPORTABLE WORKLOAD % (DURING TRANSITION)			(100%-F-J)	25.00%
(O) UNSUPPORTABLE HOURS (I*N)				926,162
(P) CATCH UP COST				
GAINING ALC:				
OC-ALC	\$47.93	\$23.97	0.00%	0
				\$0
OO-ALC	\$48.15	\$24.08	12.00%	111,139
				\$5,326,913
SA-ALC	\$47.28	\$23.64	30.00%	277,849
				\$13,317,282
SM-ALC	\$49.32	\$24.66	58.00%	537,174
				\$25,746,746
WR-ALC	\$41.98	\$20.99	0.00%	0
				\$0
TOTAL				\$44,390,941
=====				
(R) TOTAL PRODUCTION TRANSITION COST:				\$74,733,500
(G TOTAL+M+P TOTAL)				\$74,733,500
=====				
			ORGANIC PREMOVE	\$14,790,448
			CONTRACT	\$15,552,111
			ORGANIC POST MOVE	\$44,390,941
			TOTAL	\$74,733,500

**Purpose: Calculate Terminal Leave Costs for Robins**

Hours Annual Leave	200
Avg Hourly Wage for SM-ALC	\$16.80
Total FY97/4 Civilians	11008
Not Willing to Move Factor	6%
Eliminations	776
Terminal Leave Costs	\$4,826,573



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS AIR FORCE MATERIEL COMMAND  
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

03 OCT 1994

MEMORANDUM FOR HQ USAF/RTT (Attn: LtCol John O'Neill)

FROM: HQ AFMC/XPX  
4375 Chidlaw Rd, Ste 6  
Wright-Patterson AFB OH 45433-5006

SUBJECT: Certification of COBRA Inputs for BRAC 95 Level Playing Field Analysis

1. The response on product centers, laboratories and test centers was overnight mailed to you on 30 Sep 94. The spreadsheet for product centers and labs was missing the inventory and equipment values for Rome Lab, because Rome Lab was unable to break-out these values from their AFMC 21 COBRA runs. After the overnight package was mailed, we received current inventory and equipment values from Rome Lab. We've included them on the attached spreadsheet, which replaces the spreadsheet in the overnight package.
2. Our earlier package on depots included inventory values as computed in AFMC 21. The McClellan figure did not include DLA inventories, because that information was not available. Subsequent to our transmittal of 8 Sep 1994, DLA provided certified inventory information to McClellan. The DLA inventory value must be added to the previously reported inventory value to arrive at the figure shown on the attached spreadsheet. This assures consistency with the other depots, which included DLA inventory values in their figures.

A handwritten signature in cursive script that reads "Thomas L. Koepnick".

THOMAS L KOEPNICK  
Acting Chief, Infrastructure Planning Division  
Directorate of Plans

## Attachments:

1. Product Center and Lab Spreadsheet w/RL Backup
2. Depot Spreadsheet w/McClellan Backup

HILLXLS  
ROBINS AFB

Atch 2

	HILL	KELLY	MCCLELLAN	TINKER	ROBINS
<b>1 TIME UNIQUE COSTS</b>					
INTERIM PRODUCTION SUPPORT	<del>22,070,000</del>	<del>22,070,000</del>	<del>22,070,000</del>	<del>14,319,328</del>	143,202,539
ENVIRONMENTAL STUDIES	<del>3,750,000</del>	<del>3,750,000</del>	<del>3,750,000</del>	<del>3,750,000</del>	3,750,000
CIVILIAN TERMINAL LEAVE	<del>16,344,655</del>	<del>16,344,655</del>	<del>16,344,655</del>	<del>16,344,655</del>	16,344,655
DUPLICATE EQPT & SETUP/ REARRANGEMENT COSTS	<del>10,834,000</del>	<del>10,834,000</del>	<del>10,834,000</del>	<del>10,834,000</del>	69,517,000
INTERIM CONTRACT SUPPORT	<del>10,834,000</del>	<del>10,834,000</del>	<del>10,834,000</del>	<del>10,834,000</del>	10,834,000
<b>1 TIME MOVE COSTS</b>					
INVENTORIES	<del>5,004,110,100</del>	<del>5,004,110,511</del>	<del>5,004,110,152</del>	<del>3,000,000,000</del>	8,516,134,703
EXCESS EQPT	<del>24%</del>	<del>24%</del>	<del>24%</del>	<del>24%</del>	24%
EQUIPMENT VALUE	<del>1,412,283,351</del>	<del>1,412,283,351</del>	<del>1,412,283,351</del>	<del>1,412,283,351</del>	1,412,283,351
REPURCHASE	<del>5%</del>	<del>5%</del>	<del>5%</del>	<del>5%</del>	5%
DISPOSE	<del>2%</del>	<del>2%</del>	<del>2%</del>	<del>2%</del>	1% 2%
DMIF OVERHEAD %	<del>31.6%</del>	<del>30.6%</del>	<del>32.0%</del>	<del>32.8%</del>	31.5%
<b>MILCON</b>					
RECONFIGURE COSTS	<del>28,683,000</del>	<del>5,000,000</del>	<del>23,610,000</del>	<del>9,084,000</del>	28,683,000
NEW CONSTRUCTION	<del>65,268,000</del>	<del>65,268,000</del>	<del>65,268,000</del>	<del>65,268,000</del>	65,268,000
<b>% WORKLOAD</b>					
HILL	<del>0.0%</del>	<del>0.0%</del>	<del>60.6%</del>	<del>3.0%</del>	12.0%
KELLY	<del>10.0%</del>	<del>0.0%</del>	<del>0.0%</del>	<del>70.0%</del>	30.0%
MCCLELLAN	<del>66.0%</del>	<del>0.0%</del>	<del>0.0%</del>	<del>12.0%</del>	58.0%
TINKER	<del>24.0%</del>	<del>0.0%</del>	<del>27.4%</del>	<del>0.0%</del>	0.0%
ROBINS	<del>14.1%</del>	<del>0.0%</del>	<del>0.0%</del>	<del>14.0%</del>	0.0%

RECOMPUTED COSTS  
CONSISTENT WITH  
REVIEWS FOCUSED  
ANALYSES  
INCLUDES J634 DUNNAGE  
COSTS FOR JSTARS  
PROPERLY SUPPORTED BY  
COST AT WA-ALC

RECOMPUTED BY  
AF/CE AND  
SCRUBBED BY  
AF/LA/MIN

USED TO  
COMPUTE  
ALC PERSONNEL  
AND VEHICLE  
MOVES

## TRANSPORTATION SPREADSHEET

Purpose: This worksheet estimates transportation costs for mission support equipment and inventories. Data will be used for evaluating the cost impact of consolidating AF installations.

**Location: Robins AFB**

<b>1. EQUIPMENT TRANSFER</b>			
<b>a. EQUIPMENT ACQUISITION COSTS PER GO17</b>			
	WEAPON SYSTEM SUPPORT EQUIPMENT		\$0
	APPROPRIATED FUND		\$0
	OVER 5K	\$1,412,283,351	
	UNDER 5K		\$0
	<b>TOTAL</b>		<b>\$1,412,283,351</b>
<b>b. EXCESS EQUIPMENT</b>			
	WEAPON SYSTEM SUPPORT EQUIPMENT	24.00%	\$0
	APPROPRIATED FUND	24.00%	\$0
	NON APPROPRIATED FUND	24.00%	\$338,948,004
	OTHER	24.00%	\$0
	<b>TOTAL VALUE OF EXCESSED EQUIPMENT</b>		<b>\$338,948,004</b>
<b>c. REPURCHASE VS MOVE</b>			
	WEAPON SYSTEM SUPPORT EQUIPMENT	5.00%	\$0
	APPROPRIATED FUND	5.00%	\$0
	NON APPROPRIATED FUND	5.00%	\$53,666,767
	OTHER	5.00%	\$0
	<b>(A) TOTAL EQUIPMENT REPURCHASES</b>		<b>\$53,666,767</b>
	<b>COST TO RELOCATE EQUIPMENT</b>		
	REMAINING EQUIPMENT VALUE		\$1,019,668,579
d.	P, C, H (WESTING HOUSE)	2.50%	\$25,491,714
e.	TRANSPORTATION (DST)	0.50%	\$5,098,343
f.	REMOVE AND REINSTALL (SM-ALC/MADE)	1.0%	\$10,196,686
	<b>(B) TOTAL COST TO MOVE EQUIPMENT</b>		<b>\$40,786,743</b>
	<b>COST TO DISPOSE OF EXCESS EQUIPMENT (DRMO)</b>		
	EQUIPMENT VALUE		\$338,948,004
g.	<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>	1.00%	<b>\$3,389,480</b>
	(A) EQUIPMENT REPURCHASES		\$53,666,767
	(B) COST TO RELOCATE EQUIPMENT		\$40,786,743
	(C) DISPOSAL COST OF EXCESS EQUIPMENT		\$3,389,480
h.	<b>TOTAL EQUIPMENT COSTS</b>		<b>\$97,842,991</b>

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## TRANSPORTATION SPREADSHEET

2. INVENTORIES

a.	STOCK FUND		\$8,516,134,703
	TOTAL		\$8,516,134,703
b.	AMOUNT TO MOVE	30.00%	\$2,554,840,411
c.	COST TO RELOCATE	1.00%	\$25,548,404
d.	<b>TOTAL INVENTORY COSTS</b>		<b>\$25,548,404</b>

3. MATERIAL DAMAGE

a.	EQUIPMENT		\$1,019,668,579
	(TVA)*TIMES HANDLED*.0001	HANDLING	
b.	INVENTORY	8	\$815,735
	((TVA INVENTORY)*TIMES HANDLED*.0001)	HANDLING	\$2,554,840,411
	<b>TOTAL MATERIAL DAMAGE COST</b>	4	<b>\$1,021,936</b>
			<b>\$1,837,671</b>

4. TOTAL EQUIPMENT TRANSPORTATION COSTS FOR

Robins AFB

TOTAL EQUIPMENT REPURCHASES	\$53,666,767
TOTAL COST TO MOVE EQUIPMENT	\$40,786,743
DISPOSAL COSTS FOR EXCESS EQUIPMENT	\$3,389,480
INVENTORY	\$25,548,404
MATERIAL DAMAGE	\$1,837,671
<b>TOTAL</b>	<b>\$125,229,066</b>

Robins Vehicles

**Vehicle Movement from Robins**

Light	417	Source: AFMC 21 Study. Certified data provided by HQ AFMC/XPX
Heavy	<u>1372</u>	
Total	1789	

<b>Workload Transfer Percentages</b>		Source: AFMC 21 Study. Certified data from spreadsheet provided by HQ AFMC/XPX on 09/08/94, page 3 of fax.
Hill	12.0%	
Kelly	30.0%	
McClellan	<u>58.0%</u>	
	100%	

Transfer to:	5%	10%	25%	30%	25%	5%	Totals	
Hill	1996	1997	1998	1999	2000	2001		
Light	3	5	12	15	12	3	50.04	50
Heavy	8	16	41	51	41	8	164.64	165
							214.68	215
Kelly	1996	1997	1998	1999	2000	2001	Totals	
Light	6	13	31	38	31	6	125.1	125
Heavy	20	41	103	139	103	6	411.6	412
							<u>536.7</u>	537
McClellan	1996	1997	1998	1999	2000	2001	Totals	
Light	12	24	61	72	61	12	241.86	242
Heavy	40	80	200	235	200	40	795.76	795
							<u>1037.62</u>	1037

Robins MILCON

Purpose: Summarize MILCON Requirements for Robins AFB closure. Close entire installation, HQ AFRES to Dobbins, 19 Air Refueling Wing to Charleston, 5th Combat Comm Group to Shaw, JSTARS to Beale, and B-1s re-directed to Ellsworth. WR-ALC workload moved to SM-ALC (58%), SA-ALC (30%), and OO-ALC (12%).

Source: AFRES, AFMC21, AF/CEP, and AF/CEH Inputs

**GAINING BASE: Hill AFB**

Unit	Description	Cost (\$K)
ALC	Depaint Facility	11600
ALC	Renov Gyro Facility	1200
ALC	RC-130 Radome Facility	1543
ALC	Secure Storage	50
ALC	QL Workload	16280
Subtotal		30673

**GAINING BASE: Kelly AFB**

Unit	Description	Cost (\$K)
ALC	C-141 Depaint Facility	3650
ALC	Radar Test Facility	250
ALC	Alter Bldg 375	6100
Subtotal		10000

**GAINING BASE: McClellan AFB**

Unit	Description	Cost (\$K)
ALC	Upgrade HVAC-Avionic	525
ALC	Renovate Avionics Bldg	9882
ALC	Renovate Avionics Bldg	5783
ALC	Avionics/AISF	37088
Subtotal		53278

**GAINING BASE: Dobbins AFB**

Unit	Description	Cost (\$K)
AFRES	HQ Building	19500
AFRES	Dormitory	1350
AFRES	Maintenance	360
AFRES	Planning and Design	1910
Subtotal		23120

**GAINING BASE: Charleston AFB (19th ARW)**

Unit	Description	Cost (\$K)
AMC	Maintenance	5330
AMC	POL	12380
AMC	Ops/Training	2580
AMC	Vehicle Ops Heated Parking	1230
AMC	Utilities	5000
AMC	Dorms	1300
AMC	BOS	2780
AMC	Planning and Design	2750
Subtotal		33350

Robins MILCON

**GAINING BASE: Shaw AFB (5th CCG)**

Unit	Description	Cost (\$K)
ACC	Maintenance	3310
ACC	Vehicle Maint/Base Supply/etc	14950
ACC	Dining Hall	860
ACC	Dorms	3980
ACC	BOS	2310
AMC	Planning and Design	2290
	Subtotal	<u>27700</u>

**GAINING BASE: Beale AFB (JSTARS)**

Unit	Description	Cost (\$K)
AMC	Pavement	10620
AMC	Maintenance	26910
AMC	Ops/Training	25570
AMC	Other	20870
AMC	Utilities	3000
AMC	Dining Hall	400
AMC	Dorms	6490
AMC	BOS	9390
AMC	Planning and Design	9290
	Subtotal	<u>112540</u>

**GAINING BASE: Ellsworth (redirect ANG B-1s; reflect costs at Robins)**

Unit	Description	Cost (\$K)
ANG	Squadron Ops	3500
ANG	Ops/Training	3000
ANG	CASS Pits	3000
ANG	Hangar Upgrade	3900
ANG	Leased Space	12000
	Subtotal	<u>25400</u>

**GAINING BASE: BASE X**

Unit	Description	Cost (\$K)
N/A	N/A	0
	Subtotal	<u>0</u>

**GRAND TOTAL: \$ 316,061.0 K**

**TINKER AFB**  
**FOR**  
**FOCUSED COBRA ANALYSIS**

Department : Air Force  
 Option Package : Focused Tinker AFB  
 Scenario File : C:\COBRA508\AF-ONLY\0522\TIN0523.CBR  
 Std Fctrs File : C:\COBRA508\AF-ONLY\0522\DEPOT.SFF

Starting Year : 1996  
 Final Year : 2001  
 ROI Year : 2029 (28 Years)

NPV in 2015(\$K): 471,787  
 1-Time Cost(\$K): 1,332,156

	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	78,250	587,071	12,490	17,174	8,587	12,490	716,064	0
Person	1,359	-3,951	-1,665	3,563	5,027	-25,287	-20,954	-59,668
Overhd	3,300	18,753	13,368	11,854	8,318	-2,236	53,357	-13,466
Moving	13,944	76,833	69,400	83,299	69,386	21,540	334,402	0
Missio	0	0	0	0	0	0	0	0
Other	7,605	18,712	38,013	45,613	38,012	38,426	186,382	0
<b>TOTAL</b>	<b>104,459</b>	<b>697,418</b>	<b>131,606</b>	<b>161,504</b>	<b>129,330</b>	<b>44,933</b>	<b>1,269,250</b>	<b>-73,134</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	57	57
Enl	0	0	0	0	0	423	423
Civ	0	0	0	0	0	804	804
TOT	0	0	0	0	0	1,284	1,284

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	32	895	157	188	156	25	1,453
Enl	113	4,456	557	666	555	106	6,453
Stu	0	0	0	0	0	0	0
Civ	510	2,445	2,541	3,048	2,541	499	11,584
TOT	655	7,796	3,255	3,902	3,252	630	19,490

Summary:

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 Update level playing field COBRA for Tinker AFB. Close entire installation.  
 Move AWACS to Beale, 3rd Combat Comm Group to Davis-Monthan, 38 EIW to  
 Peterson, AFRES KC-135s to March, and Navy TACAMO to Base X. OC-ALC workload  
 moved to SA-ALC (72%), WR-ALC (14%), SM-ALC (13%), and OO-ALC (1%). Remaining  
 base population moved to Base X. Updated manpower transfers, eliminations,  
 and one-time unique costs based on new manpower worksheets from AF/PEP and  
 revised MILCON estimates after AF/CEP and AF/LGMM review and validation.  
 Screen 4 data also updated to be consistent with revised manpower worksheets.

Department : Air Force  
 Option Package : Focused Tinker AFB  
 Scenario File : C:\COBRAS08\AF-ONLY\0522\TIN0523.CBR  
 Std Fctrs File : C:\COBRAS08\AF-ONLY\0522\DEPOT.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	83,350	597,926	12,490	17,174	8,587	12,490	732,019	0
Person	2,201	25,718	29,065	34,293	35,757	34,080	161,113	28,337
Overhd	3,300	20,031	22,928	25,928	28,885	30,005	131,077	24,485
Moving	14,171	85,234	70,521	84,640	70,503	21,745	346,814	0
Missio	0	0	0	0	0	0	0	0
Other	7,605	18,712	38,013	45,613	38,012	38,426	186,382	0
<b>TOTAL</b>	<b>110,628</b>	<b>747,621</b>	<b>173,017</b>	<b>207,649</b>	<b>181,743</b>	<b>136,747</b>	<b>1,557,405</b>	<b>52,822</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	5,100	10,855	0	0	0	0	15,955	0
Person	841	29,669	30,730	30,730	30,730	59,367	182,067	88,005
Overhd	0	1,277	9,559	14,075	20,567	32,241	77,720	37,951
Moving	228	8,401	1,121	1,341	1,116	206	12,412	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>6,169</b>	<b>50,203</b>	<b>41,410</b>	<b>46,145</b>	<b>52,413</b>	<b>91,814</b>	<b>288,155</b>	<b>125,956</b>

## COBRA MANPOWER IMPACT WORKSHEET

BASE: Tinker (Based on New Manpower Worksheet from AF/PEP)

DESCRIPTION: Close Tinker AFB. Move AWACS to Beale, 3rd Combat Comm Group to Davis-Monthan, 38 EIW to Peterson, AFRES KC-135s to March, and TACAMO to Base X. OC-ALC workload moved to SA-ALC (72%), WR-ALC (14%), SM-ALC (13%), and OO-ALC (1%).

	Officer	Amn	Civilians	Total	Source
94/4 AF Base Population	1430	5995	11678	19103	BRAC95 Manpower Baseline 12/02/94
Non-AF Tenant Population					
1. Defense Logistics Agency	1	0	1050	1051	All tenant data from AF/PEP
2. Defense Commissary Agency	0	0	0	0	
3. Defense Accounting Office	1	13	144	158	
4. Defense Information Services	0	0	245	245	
5. Navy TACAMO	229	936	21	1186	
	231	949	1460	2640	Move to Base X
94/4 Total Base Population	1661	6944	13138	21743	Screen 4 input
97/4 Adj Base Pop	1279	5927	10928	18134	BRAC Manpower Impact Estimate 5/22/95
Non-AF Tenants	231	949	1460	2640	(Total from above)
97/4 Adj Total Base Population	1510	6876	12388	20774	97/4 Adj Base population plus tenants
Force Structure Changes	-151	-68	-750	-969	97/4 Adj total pop minus 94/4 total base pop. Screen 6 Input.
Eliminations	-57	-423	-804	-1284	BRAC Manpower Impact Estimate 5/22/95. Screen 6 Input
Total Movements	1453	6453	11584	19490	Cumulative Screen 3 Inputs

### ORGANIZATIONAL MOVES

#### AFRES Moves - Enter on Screen 3

Transfer KC-135s to:		1996	1997	1998	1999	2000	2001	Totals
March								
	Officers	0	0	0	0	0	0	0
	Amn	0	11	0	0	0	0	11
	Civilians	0	301	0	0	0	0	301
								312

#### AWACS Moves - Enter on Screen 3

Transfer AWACS to:		1996	1997	1998	1999	2000	2001	Totals
Beale								
	Officers	0	696	0	0	0	0	696
	Amn	0	3169	0	0	0	0	3169
	Civilians	0	415	0	0	0	0	415
								4280

#### 3rd Combat Comm Group - Enter on Screen 3

Transfer 3rd CCG to:		1996	1997	1998	1999	2000	2001	Totals
Davis-Monthan								
	Officers	0	32	0	0	0	0	32
	Amn	0	750	0	0	0	0	750
	Civilians	0	67	0	0	0	0	67
								849

#### 38th EIW - Enter on Screen 3

Transfer 38th EIW to:		1996	1997	1998	1999	2000	2001	Totals
Peterson								
	Officers	0	104	0	0	0	0	104
	Amn	0	302	0	0	0	0	302
	Civilians	0	645	0	0	0	0	645
								1051

# COBRA MANPOWER IMPACT WORKSHEET

## DEPOT MOVEMENTS

Officers	135
Amn	250
Civilians	<u>7891</u>
Total	<u>8276</u>

Source:  
BRAC95 Manpower Impact Worksheet  
Dated 5/22/95 provided by  
LTC Callahan, PEP. Manpower figures  
reflect FY97/4 endstrength and include BOS

### Workload Transfer Percentages

Hill	1%
Kelly	72%
McClellan	13%
Robins	<u>14%</u>
	<u>100%</u>

Source:  
Workload percentages provided by  
HQ AFMC based on AFMC 21 study

Transfer to:		5%	10%	25%	30%	25%	5%	
Hill		1996	1997	1998	1999	2000	2001	Totals
	Officers	1	0	0	0	0	0	1
	Amn	1	1	1	0	0	0	3
	Civilians	4	8	20	24	20	3	<u>79</u>
								<u>83</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
Kelly		1996	1997	1998	1999	2000	2001	Totals
	Officers	5	10	25	30	25	2	97
	Amn	9	18	45	54	45	9	180
	Civilians	285	569	1421	1705	1421	281	<u>5682</u>
								<u>5959</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
McClellan		1996	1997	1998	1999	2000	2001	Totals
	Officers	1	2	5	6	4	0	18
	Amn	2	4	9	10	8	0	33
	Civilians	52	103	257	308	257	49	<u>1026</u>
								<u>1077</u>

Transfer to:		5%	10%	25%	30%	25%	5%	
Robins		1996	1997	1998	1999	2000	2001	Totals
	Officers	1	2	5	6	5	0	19
	Amn	2	4	9	11	9	0	35
	Civilians	56	111	277	332	277	52	<u>1105</u>
								<u>1159</u>

### BASE X Movements - Remaining Population Moved to Base X on Screen 3

Transfer to:		5%	10%	25%	30%	25%	5%	
Base X		1996	1997	1998	1999	2000	2001	Totals
	Officers	24	49	122	146	122	23	486
	Amn	99	197	493	591	493	97	1970
	Civilians	113	226	566	679	566	114	<u>2264</u>
								<u>4720</u>

# BRAC MANPOWER IMPACT ESTIMATE

TINKER AFB

AUG 94 BASELINE

	FY 97					<u>TOTAL</u>
	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	
ADJUSTED BASELINE POPULATION	1,279	5,927	10,928	18,134	868	19,002
MISSION & BOS TO MOVE	1,081	5,127	10,367	16,575	868	17,443
Move AFRES units	0	2	272	274	868	1142
BOS tail	0	9	29	38	0	38
Move AWACS	692	3080	135	3907	0	3907
BOS tail	4	89	280	373	0	373
Move ALC	129	102	7429	7660	0	7660
BOS tail	6	148	462	616	0	616
ALC consolidation savings (6%)	8	7	474	489	0	489
BOS tail	0	9	30	39	0	39
Move Combat Comm Gp	31	732	11	774	0	774
BOS tail	1	18	56	75	0	75
Move EIG	26	92	236	354	0	354
BOS tail	0	7	23	30	0	30
Move Comm Sys Ctr	77	190	346	613	0	613
BOS tail	1	13	40	54	0	54
Move Test Sq	14	3	2	19	0	19
BOS tail	0	0	1	1	0	1
Move AFGWC Det 7	2	33	3	38	0	38
BOS tail	0	1	3	4	0	4
Other mission & BOS to move	90	592	535	1217	0	1217
Support manpower retained	149	393	261	803	0	803
<b>Estimated closure BOS savings</b>	<b>49</b>	<b>407</b>	<b>300</b>	<b>756</b>	<b>0</b>	<b>756</b>
<b>Net savings (includes consolidation)</b>	<b>57</b>	<b>423</b>	<b>804</b>	<b>1284</b>	<b>0</b>	<b>1284</b>

### 1 Time Unique Costs

Production Transition Costs		\$75,406,753
Environmental Studies		\$ 6,450,000
Civilian Terminal Leave		\$5,390,724
Rearrangement Costs		\$ 55,743,698
	Sub-Total	<u>\$ 142,991,174</u>
Base Conversion Agency Costs		\$ 30,000,000
	Total	<u>\$ 172,991,174</u>

SOURCE:

PTC Spreadsheet  
 1 EIS (\$1.2M) & 7 EAs(\$750K ea)  
 Civ Term Lv Spreadsheet  
 AFMC 21 Certified Data

Added to Last Year

Time Phasing

FY96	5%	\$ 7,149,559
FY97	10%	\$ 14,299,117
FY98	25%	\$ 35,747,794
FY99	30%	\$ 42,897,352
FY00	25%	\$ 35,747,794
FY01	5%	\$ 37,149,559
Total	100%	<u>\$ 172,991,174</u>

### 1 Time Moving Costs

\$92,360,355

Source: Eqpt Transportation Spreadsheet

Time Phasing

FY96	5%	\$ 4,618,018
FY97	10%	\$ 9,236,035
FY98	25%	\$ 23,090,089
FY99	30%	\$ 27,708,106
FY00	25%	\$ 23,090,089
FY01	5%	\$ 4,618,018
Total	100%	<u>\$ 92,360,355</u>

## Production Transition Costs

**Purpose:** This worksheet calculates Production Transition Costs (formerly called Interim Production Support Costs) for realignment alternatives. Data will be used to evaluate the cost impact of consolidating Air Logistic Center workloads.

(A) REQUIREMENT - LOSING ORGANIZATION		DPAH		HOURS MOVED	
	FY 95	5%	7,355,000		367,750
	FY 96	10%	7,442,000		744,200
	FY 97	25%	7,474,000		1,868,500
	FY 98	30%	7,325,000		2,197,500
	FY 99	25%	7,325,000		1,831,250
	FY 00	5%	7,325,000		366,250
		100.00%	44,246,000		7,375,450
(B) WORKDAYS					261
(C) DAYS OF IPS REQUIRED					86
(D) IPS % (C/B)					32.95%
(E) IPS HRS REQUIRED					2,430,225
(F) TOTAL SURGE CAPABILITY					25.00%
SURGE CAPABILITY LOSING CENTER 10%				10.00%	
SURGE CAPABILITY GAINING CENTER 15%				15.00%	
=====					
(G) ORGANIC HOURS/ORGANIC COSTS					
TOTAL REQUIREMENT				607,556	
RCC Rates w/o Materials					
OC-ALC	\$47.93	\$23.97	10.00%	60,756	\$1,456,008
GAINING ALC:					
OC-ALC	\$47.93	\$23.97	0.00%	0	\$0
OO-ALC	\$48.15	\$24.08	1.00%	5,468	\$131,642
SA-ALC	\$47.28	\$23.64	72.00%	393,696	\$9,306,984
SM-ALC	\$49.32	\$24.66	13.00%	71,084	\$1,752,933
WR-ALC	\$41.98	\$20.99	14.00%	76,552	\$1,606,828
TOTALS			100.00%		\$12,798,388
TOTAL ORGANIC COST					\$14,254,396
=====					
(H) NON ORGANIC % (100%-F)					75.00%
(I) NON ORGANIC HOURS (E*H)					1,822,669
(J) CONTRACT %					50.00%
(K) CONTRACT HOURS (I*J)					911,334
(L) CONTRACTOR DIFFERENTIAL					\$19.17
(M) ADDITIVE CONTRACT COST (K*L)					\$17,472,102
=====					
(N) UNSUPPORTABLE WORKLOAD % (DURING TRANSITION)				(100%-F-J)	25.00%
(O) UNSUPPORTABLE HOURS (I*N)					911,334
(P) CATCH UP COST					
GAINING ALC:					
OC-ALC	\$47.93		0.00%	0	\$0
OO-ALC	\$48.15		1.00%	9,113	\$436,803
SA-ALC	\$47.28		72.00%	656,161	\$31,449,784
SM-ALC	\$49.32		13.00%	118,473	\$5,678,433
WR-ALC	\$41.98		14.00%	127,587	\$6,115,236
TOTAL					\$43,680,255
=====					
(R) TOTAL PRODUCTION TRANSITION COST:					\$75,406,753
(G TOTAL+M+P TOTAL)					
				ORGANIC REMOVE	\$14,254,396
				CONTRACT	\$17,472,102
				ORGANIC POST MOVE	\$43,680,255
				TOTAL	\$75,406,753

Tinker Civ Term Lv

**Purpose: Calculate Terminal Leave Costs for Tinker**

Hours Annual Leave	200
Avg Hourly Wage for SM-ALC	\$17.42
Total FY97/4 Civilians	12388
Not Willing to Move Factor	6%
Eliminations	804
<b>Terminal Leave Costs</b>	<b>\$5,390,724</b>



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS AIR FORCE MATERIEL COMMAND  
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

MEMORANDUM FOR HQ USAF/RTT (Attn: LtCol John O'Neill)

103 OCT 1994

FROM: HQ AFMC/XPX  
4375 Chidlaw Rd, Ste 6  
Wright-Patterson AFB OH 45433-5006

SUBJECT: Certification of COBRA Inputs for BRAC 95 Level Playing Field Analysis

1. The response on product centers, laboratories and test centers was overnight mailed to you on 30 Sep 94. The spreadsheet for product centers and labs was missing the inventory and equipment values for Rome Lab, because Rome Lab was unable to break-out these values from their AFMC 21 COBRA runs. After the overnight package was mailed, we received current inventory and equipment values from Rome Lab. We've included them on the attached spreadsheet, which replaces the spreadsheet in the overnight package.
2. Our earlier package on depots included inventory values as computed in AFMC 21. The McClellan figure did not include DLA inventories, because that information was not available. Subsequent to our transmittal of 8 Sep 1994, DLA provided certified inventory information to McClellan. The DLA inventory value must be added to the previously reported inventory value to arrive at the figure shown on the attached spreadsheet. This assures consistency with the other depots, which included DLA inventory values in their figures.

A handwritten signature in cursive script that reads "Thomas L. Koepnick".

THOMAS L KOEPNICK  
Acting Chief, Infrastructure Planning Division  
Directorate of Plans

Attachments:

1. Product Center and Lab Spreadsheet w/RL Backup
2. Depot Spreadsheet w/McClellan Backup

HILLXLS  
TINKER AFB

Atch 2

RECOMPUTED  
CONSISTENT WITH  
PREVIOUS  
PERIOD ANALYSES

CCS COST SUPPORT  
FWRLC ONLY

RECOMPUTED BY  
AFRL AND  
SCRIBED BY  
AF/LGMM

USED TO  
COMPUTE  
ALL PERSONNEL  
AND  
VEHICLE  
MOVES

1 TIME UNIQUE COSTS	HILL	KELLY	MCCLELLAN	TINKER	ROBINS
INTERIM PRODUCTION SUPPORT	[REDACTED]	[REDACTED]	[REDACTED]	147,872,338	[REDACTED]
ENVIRONMENTAL STUDIES	[REDACTED]	[REDACTED]	[REDACTED]	3,750,000	[REDACTED]
CIVILIAN TERMINAL LEAVE	[REDACTED]	[REDACTED]	[REDACTED]	18,203,634	[REDACTED]
DUPLICATE EQPT & SETUP/ REARRANGEMENT COSTS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
INTERIM CONTRACT SUPPORT	[REDACTED]	[REDACTED]	[REDACTED]	10,834,000	[REDACTED]
1 TIME MOVE COSTS					
INVENTORIES	[REDACTED]	[REDACTED]	[REDACTED]	8,900,000,000	[REDACTED]
EXCESS EQPT EQUIPMENT VALUE	[REDACTED]	[REDACTED]	[REDACTED]	24%	[REDACTED]
REPURCHASE	[REDACTED]	[REDACTED]	[REDACTED]	5%	[REDACTED]
DISPOSE	[REDACTED]	[REDACTED]	[REDACTED]	1% 2%	[REDACTED]
DMIF OVERHEAD %	[REDACTED]	[REDACTED]	[REDACTED]	22.8%	[REDACTED]
MILCON					
RECONFIGURE COSTS	[REDACTED]	[REDACTED]	[REDACTED]	6,986,000	[REDACTED]
NEW CONSTRUCTION	[REDACTED]	[REDACTED]	[REDACTED]	69,079,000	[REDACTED]
% WORKLOAD					
HILL	[REDACTED]	[REDACTED]	[REDACTED]	1.0%	[REDACTED]
KELLY	[REDACTED]	[REDACTED]	[REDACTED]	72.0%	[REDACTED]
MCCLELLAN	[REDACTED]	[REDACTED]	[REDACTED]	13.0%	[REDACTED]
TINKER	[REDACTED]	[REDACTED]	[REDACTED]	0.0%	[REDACTED]
ROBINS	[REDACTED]	[REDACTED]	[REDACTED]	14.0%	[REDACTED]

## TRANSPORTATION SPREADSHEET

Purpose: This worksheet estimates transportation costs for mission support equipment and inventories.  
 Data will be used for evaluating the cost impact of consolidating AF installations.

**Location: Tinker AFB**

<b>1. EQUIPMENT TRANSFER</b>			
<b>a. EQUIPMENT ACQUISITION COSTS PER GO17</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT			\$0
APPROPRIATED FUND			\$0
OVER 5K		\$924,628,881	
UNDER 5K			\$0
<b>TOTAL</b>			<b>\$924,628,881</b>
<b>b. EXCESS EQUIPMENT</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT	PERCENT		
APPROPRIATED FUND	24.00%		\$0
NON APPROPRIATED FUND	24.00%		\$0
OTHER	24.00%	\$221,910,931	\$0
<b>TOTAL VALUE OF EXCESSED EQUIPMENT</b>			<b>\$221,910,931</b>
<b>c. REPURCHASE VS MOVE</b>			
WEAPON SYSTEM SUPPORT EQUIPMENT			
APPROPRIATED FUND	5.00%		\$0
NON APPROPRIATED FUND	5.00%		\$0
OTHER	5.00%	\$35,135,897	\$0
<b>(A) TOTAL EQUIPMENT REPURCHASES</b>			<b>\$35,135,897</b>
<b>COST TO RELOCATE EQUIPMENT</b>			
<b>REMAINING EQUIPMENT VALUE</b>			
P, C, H (WESTING HOUSE)		\$667,582,052	
TRANSPORTATION (DST)	2.50%	\$16,689,551	
REMOVE AND REINSTALL (SM-ALC/MADE)	0.50%	\$3,337,910	
REMOVE AND REINSTALL (SM-ALC/MADE)	1.0%	\$6,675,821	
<b>(B) TOTAL COST TO MOVE EQUIPMENT</b>			<b>\$26,703,282</b>
<b>COST TO DISPOSE OF EXCESS EQUIPMENT (DRMO)</b>			
<b>EQUIPMENT VALUE</b>			
<b>(C) DISPOSAL COST OF EXCESS EQUIPMENT</b>	1.00%	\$221,910,931	\$2,219,109
(A) EQUIPMENT REPURCHASES			\$35,135,897
(B) COST TO RELOCATE EQUIPMENT			\$26,703,282
(C) DISPOSAL COST OF EXCESS EQUIPMENT			\$2,219,109
<b>TOTAL EQUIPMENT COSTS</b>			<b>\$64,058,289</b>

FOR OFFICIAL USE ONLY

## TRANSPORTATION SPREADSHEET

2. INVENTORIES				
a.	STOCK FUND			\$8,900,000,000
	TOTAL			\$8,900,000,000
b.	AMOUNT TO MOVE	30.00%		\$2,670,000,000
c.	COST TO RELOCATE			\$26,700,000
d.	<b>TOTAL INVENTORY COSTS</b>			<b>\$26,700,000</b>
3. MATERIAL DAMAGE				
a.	EQUIPMENT			\$667,582,052
	(TVA)*TIMES HANDLED*.0001	HANDLING		
b.	INVENTORY		8	\$534,066
				\$2,670,000,000
	((TVA INVENTORY)*TIMES HANDLED*.0001)	HANDLING		
	<b>TOTAL MATERIAL DAMAGE COST</b>		4	<b>\$1,068,000</b>
				<b>\$1,602,066</b>
4. TOTAL EQUIPMENT TRANSPORTATION COSTS FOR				
		<b>Tinker AFB</b>		
	TOTAL EQUIPMENT REPURCHASES			\$35,135,897
	TOTAL COST TO MOVE EQUIPMENT			\$26,703,282
	DISPOSAL COSTS FOR EXCESS EQUIPMENT			\$2,219,109
	INVENTORY			\$26,700,000
	MATERIAL DAMAGE			\$1,602,066
	<b>TOTAL</b>			<b>\$92,360,355</b>

Tinker Vehicles

Vehicle Movement from Tinker

Light	430	Source: AFMC 21 Study. Certified data provided by HQ AFMC/XPX
Heavy	1228	
Total	1658	

Workload Transfer Percentages		Source: AFMC 21 Study. Certified data from spreadsheet provided by HQ AFMC/XPX on 09/08/94, page 3 of fax.
Hill	1%	
Kelly	72%	
McClellan	13%	
Robins	14%	
	100%	

Transfer to:		5%	10%	25%	30%	25%	5%	Totals	
		1996	1997	1998	1999	2000	2001		
Hill	Light	0	1	1	1	1	0	4.3	4
	Heavy	1	1	3	4	3	0	12.28	12
								16.58	16
Kelly	Light	16	32	78	90	78	16	309.6	310
	Heavy	45	89	221	265	219	45	884.16	884
								1193.76	1194
McClellan	Light	3	6	14	16	14	3	55.9	56
	Heavy	8	16	40	48	40	8	159.64	160
								215.54	216
Robins	Light	3	6	15	18	15	3	60.2	60
	Heavy	9	18	43	50	43	9	171.92	172
								232.12	232

**Tinker MILCON**

**Purpose:** Summarize MILCON Requirements for Tinker AFB closure. Close entire installation, move AWACs to Beale, 3rd Combat Comm Group to Davis-Monthan, 38 EIW to Peterson, AFRES KC-135s to March, and TACAMO to Base X. OC-ALC workload moved to SA-ALC (72%), WR-ALC (14%), SM-ALC (13%), and OO-ALC (1%).

**Source:** AFRES, AFMC21, AF/CEP, and AF/CEH Inputs

**GAINING BASE: Hill AFB**

Unit	Description	Cost (\$K)
ALC	Purge/Refill Facility	950
	Subtotal	<u>950</u>

**GAINING BASE: Kelly AFB**

Unit	Description	Cost (\$K)
ALC	Corrosion Control	3650
ALC	Corrosion Control	8100
ALC	AC Eng Insp & Repair	6100
ALC	Avionics Shop	1850
ALC	Valve & Governor	1228
ALC	Bearing Clean Room	1373
ALC	Jet Engine Test Cell	6000
ALC	Fuel Accessories	613
ALC	Sm Cruise Missile Eng Test Cell	1000
	Subtotal	<u>29914</u>

**GAINING BASE: McClellan AFB**

Unit	Description	Cost (\$K)
ALC	Hydraulic/Pneumatics	30892
ALC	Software Facility	16309
	Subtotal	<u>47201</u>

**GAINING BASE: March AFB (AFRES KC-135s)**

Unit	Description	Cost (\$K)
AFRES	None	0
	Subtotal	<u>0</u>

**GAINING BASE: Beale AFB (AWACS)**

Unit	Description	Cost (\$K)
ACC	Pavement	24160
ACC	Maintenance	44610
ACC	POL	24620
ACC	Ops/Training	17680
ACC	Other	6480
ACC	Utilities	10000
ACC	Dining Hall	2410
ACC	Dorms	27070
ACC	BOS	15700
ACC	MFH	194720
ACC	Planning and Design	33070
	Subtotal	<u>400520</u>

Tinker MILCON

**GAINING BASE: Davis-Monthan (3rd CCG)**

Unit	Description	Cost (\$K)
ACC	Maintenance	2700
ACC	Vehicle Ops/Maint Facilities	14680
ACC	Utilities	1000
ACC	BOS	1840
ACC	Planning and Design	1820
	Subtotal	<u>22040</u>

**GAINING BASE: Peterson (38th EIW)**

Unit	Description	Cost (\$K)
ACC	Admin/Vehicle Ops	44920
ACC	Dorms	1280
ACC	BOS	4620
ACC	Planning and Design	4570
	Subtotal	<u>55390</u>

**GAINING BASE: BASE X (TACAMO)**

Unit	Description	Cost (\$K)
TACAMO	Various Facilities	116900
TACAMO	Dining Hall	1140
TACAMO	Dorms	3600
TACAMO	BOS	12164
TACAMO	Military Family Housing	27670
TACAMO	Planning and Design	14530
	Subtotal	<u>176004</u>

**GRAND TOTAL: \$ 732,019.0 K**



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE



31 MAY 1995

MEMORANDUM FOR DBCRC (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Mission Impacts for ALC Closures

149

950518-8

R2

In response to your May 17, 1995 request for mission impacts to each ALC in the event of closure, the attached depot impact statements are forwarded. You also asked for closure level playing field COBRAs and backup worksheets which were previously transmitted. Please note that comments are provided for active-duty, AFRES, and ANG operational units at each ALC installation. If you need additional information, feel free to contact Lt Col Mary Tripp at 38678.

JAY D. BLUME, Jr., Maj Gen, USAF  
Special Assistant to CSAF for  
Realignment and Transition

Atchs: ALC Mission Impacts (RT 527)



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION  
 1700 NORTH MOORE STREET SUITE 1425  
 ARLINGTON, VA 22209  
 703-896-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:  
 AL CORNELLA  
 REBECCA COX  
 GEN J. B. DAVIS, USAF (RET)  
 E. LEE KLING  
 RADM BENJAMIN F. MONTROYA, USN (RET)  
 MG JOBUE ROBLES, JR., USA (RET)  
 WENDI LOUISE STEELE

May 17, 1995

Please refer to this number  
 when responding 950518-8

Major General Jay Blume (ATTN: Lt. Col. Mary Tripp)  
 Special Assistant to the Chief of Staff  
 for Base Realignment and Transition  
 Headquarters USAF  
 1670 Air Force Pentagon  
 Washington, D.C. 20330-1670

Dear General Blume:

Approximately one year ago, the Air Force prepared "level playing field" COBRAs for all five ALC installations. Now that the Commission has determined that all five should be considered for closure, we required updated COBRAs for these installations.

Please update the level playing field closure COBRAs for each of the five ALC<sup>①</sup> installations and forward them along with all back-up worksheets, to the Commission by 24 May 1995. Please also prepare and submit a statement which articulates the impact of closure on the missions at each installation.

Sincerely,

Francis A. Cirillo Jr., PE  
 Air Force Team Leader

## KELLY AIR FORCE BASE, TEXAS

### COBRA ASSUMPTIONS (Major Tenants):

- Air Intelligence Agency remains in cantonment and is attached to Lackland AFB
- AFRES C-5As and ANG F-16s remain in cantonment at Lackland AFB
- SA-ALC workload transfers to OC-ALC (89%), OO-ALC (10%), and WR-ALC (1%)
- 1827th EIG remains at Lackland AFB
- Regional SIGINT Operations Center remains at Lackland AFB
- Remaining Base Population to Base X

### IMPACTS:

Each option the Air Force considered at Kelly remained constant in that AFRES and ANG operations should remain in cantonment

- Minimum Impact to AFRES and ANG operations
  - If ANG Fighter Unit is not allowed to stay in cantonment
    - Limited possible alternate locations (i.e. Biggs AAF, reduced population for recruiting)
    - Lowers personnel participation in unit training events--reduces operational capability
    - Reduces access to flight training areas and support infrastructure
    - Some personnel will elect not to transfer with unit--reduces operational capability, increases replacement training time and cost
  - If AFRES C-5 Unit is not allowed to remain in cantonment
    - Loss of excellent recruiting location
    - Loss of central location to support operations in any theater of operations
    - Extremely high MILCON cost
- 485th EIG redirect would require review

**STATEMENT:** The closure of Kelly Air Force Base must include the cantonment of both the AFRES C-5A and ANG F-16 units currently located there. Any alternate location for the C-5A unit will require extensive MILCON, not to mention the loss of a valuable recruiting area. Few other attractive locations exist within the State of Texas suitable for the relocation of the ANG F-16 squadron. Those areas where a suitable runway does exist either infringes on other AFRES or ANG recruiting areas, or lies outside of a metropolitan area required to sustain operations.

## HILL AIR FORCE BASE, UTAH

### COBRA ASSUMPTIONS (Major Tenants):

- Move 729th ACS to Cannon AFB
- Move 84th RADS to Cannon AFB
- Move 36 F-16C/Ds to Cannon AFB
- Move 18 F-16 C/Ds to Shaw AFB
- Retain AFRES unit in range cantonment area
- OO-ALC workload transfers to SM-ALC (39%), OC-ALC (37%), WR-ALC (14%), SA-ALC (10%)
- Remaining Base Population to Base X

### IMPACTS:

- Rebasing of 388 FW Wing will result in a sub-optimal location for operational LANTIRN training
  - Will result in dense packing of remaining F-16 locations
- Removal of Active and Reserve fighter units would preclude or greatly reduce accessibility to UTTR
- No location in the State of Utah suitable for AFRES unit location
- UTTR ground and air training ranges must be protected--it is a major training resource for the Composite Wing at Mountain Home
  - UTTR instrumented range is only US cruise missile capable test range
  - One of only three Air Force Major Range and Test Facility Bases; one of the few overland supersonic ACBT training areas
- Prohibitively expensive to replicate Hill's missile maintenance capability and weapons storage facility elsewhere

**STATEMENT:** The closure of Hill Air Force Base would require the relocation of the 388 FW, and a collocated AFRES F-16 squadron. The movement of Hill's active duty aircraft would densepack remaining F-16 locations, in addition reducing the effectiveness of LANTIRN training currently conducted at Hill. There are no other suitable F-16 locations in Utah to house the AFRES unit. The Utah Test and Training Range (UTTR) must be protected. It serves as a major training area for the Composite Wing at Mountain Home, in addition to providing some of the best overland supersonic airspace available in the CONUS. Also, the UTTR instrumented range is the only US cruise missile capable test range. Finally, any move to replicate Hill's missile maintenance capability and weapon's storage facility would be prohibitively expensive.

## MCCLELLAN AIR FORCE BASE, CALIFORNIA

### COBRA ASSUMPTIONS (Major Tenants):

- AFRES Headquarters (4 AF) moves to March AFB
- USCG moves to NASA Moffett
- Det 42 (Classified) to Travis AFB
- AFTAC moves to Offutt AFB
- 1849th EIS moves to Travis AFB
- SM-ALC workload transfers to OO-ALC (70%), OC-ALC (25%), WR-ALC (5%)
- Remaining Base Population to Base X

### IMPACTS:

- Precludes DoD recommended move of North Highlands ANG station to McClellan
- BRAC 95 485th EIG redirect would require review
- Precludes DoD recommended move of the 129 RQS (ANG) from NASA Moffett to McClellan
- No operational impact to AFRES operations currently at McClellan
  - AFRES KC-135 unit programmed to move to Beale

**STATEMENT:** The closure of McClellan Air Force Base would have an impact on current DoD recommended BRAC actions to move the North Highlands AGS and the 129 RQS to McClellan. In addition, the BRAC 95 redirect involving the relocation of the 485th EIG would also require review.

## ROBINS AIR FORCE BASE, GEORGIA

### COBRA ASSUMPTIONS (Major Tenants):

- Headquarters AFRES to Dobbins ARB
- 19th Air Refueling Wing to Charleston AFB
- 5th Combat Comm Group to Shaw AFB
- Joint STARS to Beale AFB
- WR-ALC workload transfers to SM-ALC (58%), SA-ALC (30%),  
OO-ALC (12%)
- Remaining Base Population to Base X

### IMPACTS:

- Robins already designated as ALC for Joint STARS
  - Collocation with ALC reduces JSTARS unique support requirements
- Closure would delay IOC of JSTARS program, currently scheduled for FY 97/2
  - Will increase response time as well as sustainment capability
- Closure would severely impact JSTARS crewmember initial qualification, mission ready rates, and continuation training due to required MILCON at new location
- No alternate location in the State of Georgia to relocate ANG B-1s currently programmed to move to Robins
  - Virtually any other beddown would involve significant MILCON
  - McConnell AFB is not available, no excess capacity
- Relocation of Active Duty Air Refueling Wing will be necessary
  - Should remain in the Southeast due to a documented tanker shortage

**STATEMENT:** The closure of Robins Air Force Base would have a lasting impact on the Initial Operational Capability (IOC) date of the JSTARS program. MILCON is already well underway to facilitate the projected IOC date of FY 97/2. Any closure would severely impact JSTARS initial crewmember qualification, mission ready rates, and continuation training. In addition, Robins has already been designated as the ALC for JSTARS. This collocation significantly reduces JSTARS unique support requirements. The 19th Air Refueling Wing would also require relocation, preferably in the Southeast, due to the documented tanker shortage which exists within the region. Finally, any closure of Robins would require an alternate location for the inbound B-1 ANG operation. There are no other locations within the State of Georgia available to support this mission, and the only other ANG B-1 unit at McConnell would be unable to accept the additional aircraft.

## TINKER AIR FORCE BASE, OKLAHOMA

### COBRA ASSUMPTIONS (Major Tenants):

- AFRES KC-135s to March AFB
- AWACS to Beale AFB
- TACAMO to Base X
- 3rd Combat Comm Group to Davis Monthan AFB
- 38th EIW to Peterson
- OC-ALC workload transfers to SA-ALC (72%), WR-ALC (14%), SM-ALC (13%), OO-ALC (1%)
- Remaining Base Population to Base X

### IMPACTS:

- Would require relocation of AFRES KC-135 unit, AWACS, and Navy TACAMO
- Reduces AWACS training opportunities and disrupts entire training program
- Increases depot costs -- AWACS and TACAMO depot support is at Tinker
- Costs to locate either AWACS or TACAMO would be prohibitively expensive
- Loss of joint economy of scale with Navy E-6 TACAMO program
- Movement of contracted flight training and blue suit mission training, including simulators, would effectively stand down initial training program and parts of continuation training program
  - Results in reduced manning and reduced operational capability
- Extended length sorties will be required to reach training orbits
- Loss of depot cannibalization opportunities, loss of support in back shops, and no early preparation for phase inspections
- BRAC 93 485th EIG redirect would require review

**STATEMENT:** The closure of Tinker Air Force Base would have a significant impact on the capability of both the Air Force's AWACS and the Navy's E-6 TACAMO operations. Both rely on extensive support from their collocated ALC, in addition to their specialized maintenance facilities. Any required move of either unit would involve the relocation of contracted flight training and blue suit simulator training, effectively standing down initial training and important parts of their continuation training. Since training areas for both aircraft are in the south central US, any movement out of the region will drive increased O&M costs due to the extended length of training sorties required. In addition, it is operationally necessary for the AWACS to be based in the Central US to allow the unit to deploy either east or west in an equally rapid fashion. Finally, the AFRES KC-135 unit at Tinker would also require relocation, again to a metropolitan area suitable for recruiting.

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION  
1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

ALAN J. DIXON, CHAIRMAN

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S. LEE KLING  
RADM BENJAMIN F. MONTOYA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

May 16, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

<sup>151</sup>  
Please refer to this number  
when responding 950517-1

Dear General Blume:

As a result of the Addis Hearing on May 10th the Commission has added Grand Forks AFB, ND for consideration for closure. Although we have received a previous COBRA run closing Grand Forks AFB we request a new run incorporating the following scenario:

Close Grand Forks AFB and realign two tanker squadrons to Seymour Johnson AFB, NC and two tanker squadrons to MacDill AFB, FL. This realignment of aircraft should also include the relocation of the tanker squadron from Malmstrom AFB, MT to MacDill AFB. The final beddown would be two tanker squadrons at Seymour Johnson AFB and three tanker squadrons at MacDill AFB.

Request a hard copy and disk be provided by May 26, 1995

Your continued support and cooperation are greatly appreciated.

Sincerely,

Francis A. Cirillo, Jr., PE  
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

#1

26 MAY 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

Defense Base Closure and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, VA 22209

151  
950517-1

Dear Mr. Cirillo

This is in response to your letter of May 16, 1995 (Commission tasker #: 950517-1, AF/RT: RT0519), requesting a COBRA run on closing Grand Forks and realigning two tanker squadrons from Grand Forks to Seymour Johnson AFB, NC and two tanker squadrons to MacDill AFB, FL. The realignment of one KC-135 squadron from Malmstrom to MacDill was assumed to have taken place first.

We trust this information is useful for your analysis.

Sincerely

JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachments:

1. Grand Forks COBRA
2. Electronic Copies



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION  
1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:  
AL CORNELLA  
REBECCA COX  
GEN J. B. DAVIS, USAF (RET)  
S. LEE KLING  
RADM BENJAMIN F. MONTOYA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

May 16, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

Please refer to this number  
when responding 950517-1

Dear General Blume:

As a result of the Adds Hearing on May 10th the Commission has added Grand Forks AFB, ND for consideration for closure. Although we have received a previous COBRA run closing Grand Forks AFB we request a new run incorporating the following scenario:

Close Grand Forks AFB and realign two tanker squadrons to Seymour Johnson AFB, NC and two tanker squadrons to MacDill AFB, FL. This realignment of aircraft should also include the relocation of the tanker squadron from Malmstrom AFB, MT to MacDill AFB. The final beddown would be two tanker squadrons at Seymour Johnson AFB and three tanker squadrons at MacDill AFB.

Request a hard copy and disk be provided by May 26, 1995

Your continued support and cooperation are greatly appreciated.

Sincerely

Francis A. Cirillo, Jr., PE  
Air Force Team Leader

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Starting Year : 1996  
 Final Year : 1998  
 ROI Year : 2002 (4 Years)

NPV in 2015(\$K): -488,963  
 1-Time Cost(\$K): 202,401

	Net Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	7,858	138,268	0	0	0	0	146,126	0
Person	0	6,350	-7,662	-31,962	-31,962	-31,962	-97,199	-31,962
Overhd	1,470	-97	-13,116	-18,692	-18,692	-18,692	-67,820	-18,692
Moving	0	17,679	720	0	0	0	18,399	0
Missio	0	0	0	0	0	0	0	0
Other	0	607	204	0	0	0	811	0
<b>TOTAL</b>	<b>9,328</b>	<b>162,807</b>	<b>-19,853</b>	<b>-50,655</b>	<b>-50,655</b>	<b>-50,655</b>	<b>317</b>	<b>-50,655</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	56	0	0	0	56
Enl	0	0	814	0	0	0	814
Civ	0	0	84	0	0	0	84
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>954</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>954</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	0	374	0	0	0	0	374
Enl	0	1,757	0	0	0	0	1,757
Stu	0	0	0	0	0	0	0
Civ	0	328	0	0	0	0	328
<b>TOT</b>	<b>0</b>	<b>2,459</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,459</b>

Summary:

-----  
 THIS COBRA RUN WAS REQUESTED BY THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION. IT DOES NOT REFLECT AIR FORCE POSITION Close Grand Forks AFB. No missile wing cost no missile wing savings.

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	16,358	147,225	0	0	0	0	163,583	0
Person	0	10,156	15,018	9,591	9,591	9,591	53,945	9,591
Overhd	3,588	6,277	6,608	3,304	3,304	3,304	26,386	3,304
Moving	0	21,025	720	0	0	0	21,745	0
Missio	0	0	0	0	0	0	0	0
Other	0	607	204	0	0	0	811	0
<b>TOTAL</b>	<b>19,946</b>	<b>185,289</b>	<b>22,551</b>	<b>12,895</b>	<b>12,895</b>	<b>12,895</b>	<b>266,471</b>	<b>12,895</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	8,500	8,957	0	0	0	0	17,457	0
Person	0	3,805	22,679	41,553	41,553	41,553	151,144	41,553
Overhd	2,118	6,374	19,724	21,997	21,997	21,997	94,207	21,997
Moving	0	3,346	0	0	0	0	3,346	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>10,618</b>	<b>22,482</b>	<b>42,404</b>	<b>63,550</b>	<b>63,550</b>	<b>63,550</b>	<b>266,154</b>	<b>63,550</b>

NET PRESENT VALUES REPORT (COBRA v5.08)  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	9,328,003	9,202,329	9,202,329
1997	162,807,456	156,315,320	165,517,649
1998	-19,853,116	-18,551,290	146,966,360
1999	-50,655,035	-46,066,606	100,899,754
2000	-50,655,035	-44,833,679	56,066,074
2001	-50,655,035	-43,633,751	12,432,323
2002	-50,655,035	-42,465,938	-30,033,615
2003	-50,655,035	-41,329,380	-71,362,995
2004	-50,655,035	-40,223,241	-111,586,236
2005	-50,655,035	-39,146,707	-150,732,943
2006	-50,655,035	-38,098,984	-188,831,927
2007	-50,655,035	-37,079,304	-225,911,231
2008	-50,655,035	-36,086,913	-261,998,145
2009	-50,655,035	-35,121,084	-297,119,228
2010	-50,655,035	-34,181,103	-331,300,332
2011	-50,655,035	-33,266,281	-364,566,612
2012	-50,655,035	-32,375,942	-396,942,555
2013	-50,655,035	-31,509,433	-428,451,988
2014	-50,655,035	-30,666,115	-459,118,102
2015	-50,655,035	-29,845,367	-488,963,469

TOTAL ONE-TIME COST REPORT (COBRA v5.08)  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
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(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	163,583,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		<b>163,583,000</b>
<b>Personnel</b>		
Civilian RIF	527,521	
Civilian Early Retirement	172,109	
Civilian New Hires	0	
Eliminated Military PCS	5,201,406	
Unemployment	90,828	
<b>Total - Personnel</b>		<b>5,991,864</b>
<b>Overhead</b>		
Program Planning Support	1,940,166	
Mothball / Shutdown	8,330,000	
<b>Total - Overhead</b>		<b>10,270,166</b>
<b>Moving</b>		
Civilian Moving	5,676,436	
Civilian PPS	720,000	
Military Moving	10,429,041	
Freight	3,219,510	
One-Time Moving Costs	1,700,000	
<b>Total - Moving</b>		<b>21,744,988</b>
<b>Other</b>		
HAP / RSE	811,526	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		<b>811,526</b>
<b>Total One-Time Costs</b>		<b>202,401,544</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	8,500,000	
Family Housing Cost Avoidances	8,957,000	
Military Moving	3,345,670	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>20,802,670</b>
<b>Total Net One-Time Costs</b>		<b>181,598,874</b>

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
BASE X	0	0	0	0	0
MACDILL	74,043	0	0	0	74,043
GRAND FORKS	0	0	0	-17,457	-17,457
SEYMOUR JOHNSON	89,540	0	0	0	89,540
Totals:	163,583	0	0	-17,457	146,126

PERSONNEL SUMMARY REPORT (COBRA v5.08)  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

PERSONNEL REALIGNMENTS:

From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	102	0	0	0	0	102
Enlisted	0	459	0	0	0	0	459
Students	0	0	0	0	0	0	0
Civilians	0	289	0	0	0	0	289
TOTAL	0	850	0	0	0	0	850

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	102	0	0	0	0	102
Enlisted	0	459	0	0	0	0	459
Students	0	0	0	0	0	0	0
Civilians	0	289	0	0	0	0	289
TOTAL	0	850	0	0	0	0	850

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
838	3,722	0	11,744

PERSONNEL SUMMARY FOR: MACDILL, FL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
516	1,911	0	841

PERSONNEL REALIGNMENTS:

From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	109	0	0	0	0	109
Enlisted	0	584	0	0	0	0	584
Students	0	0	0	0	0	0	0
Civilians	0	14	0	0	0	0	14
TOTAL	0	707	0	0	0	0	707

TOTAL PERSONNEL REALIGNMENTS (Into MACDILL, FL):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	109	0	0	0	0	109
Enlisted	0	584	0	0	0	0	584
Students	0	0	0	0	0	0	0
Civilians	0	14	0	0	0	0	14
TOTAL	0	707	0	0	0	0	707

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
625	2,495	0	855

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: GRAND FORKS, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
719	3,888	0	587

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-96	-95	-98	0	0	0	-289
Enlisted	-417	-369	-531	0	0	0	-1,317
Students	0	0	0	0	0	0	0
Civilians	-8	-122	-45	0	0	0	-175
TOTAL	-521	-586	-674	0	0	0	-1,781

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
430	2,571	0	412

PERSONNEL REALIGNMENTS:

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	102	0	0	0	0	102
Enlisted	0	459	0	0	0	0	459
Students	0	0	0	0	0	0	0
Civilians	0	289	0	0	0	0	289
TOTAL	0	850	0	0	0	0	850

To Base: MACDILL, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	109	0	0	0	0	109
Enlisted	0	584	0	0	0	0	584
Students	0	0	0	0	0	0	0
Civilians	0	14	0	0	0	0	14
TOTAL	0	707	0	0	0	0	707

To Base: SEYMOUR JOHNSON, NC

	1996	1997	1998	1999	2000	2001	Total
Officers	0	163	0	0	0	0	163
Enlisted	0	714	0	0	0	0	714
Students	0	0	0	0	0	0	0
Civilians	0	25	0	0	0	0	25
TOTAL	0	902	0	0	0	0	902

TOTAL PERSONNEL REALIGNMENTS (Out of GRAND FORKS, ND):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	374	0	0	0	0	374
Enlisted	0	1,757	0	0	0	0	1,757
Students	0	0	0	0	0	0	0
Civilians	0	328	0	0	0	0	328
TOTAL	0	2,459	0	0	0	0	2,459

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-56	0	0	0	-56
Enlisted	0	0	-814	0	0	0	-814
Civilians	0	0	-84	0	0	0	-84
TOTAL	0	0	-954	0	0	0	-954

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
0	0	0	0

PERSONNEL SUMMARY FOR: SEYMOUR JOHNSON, NC

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
455	3,625	0	569

PERSONNEL REALIGNMENTS:

From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
	-----	-----	-----	-----	-----	-----	-----
Officers	0	163	0	0	0	0	163
Enlisted	0	714	0	0	0	0	714
Students	0	0	0	0	0	0	0
Civilians	0	25	0	0	0	0	25
TOTAL	0	902	0	0	0	0	902

TOTAL PERSONNEL REALIGNMENTS (Into SEYMOUR JOHNSON, NC):

	1996	1997	1998	1999	2000	2001	Total
	-----	-----	-----	-----	-----	-----	-----
Officers	0	163	0	0	0	0	163
Enlisted	0	714	0	0	0	0	714
Students	0	0	0	0	0	0	0
Civilians	0	25	0	0	0	0	25
TOTAL	0	902	0	0	0	0	902

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
618	4,339	0	594

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
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	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	328	0	0	0	0	328
Early Retirement*	10.00%	0	33	0	0	0	0	33
Regular Retirement*	5.00%	0	16	0	0	0	0	16
Civilian Turnover*	15.00%	0	49	0	0	0	0	49
Civs Not Moving (RIFs)*+		0	20	0	0	0	0	20
Civilians Moving (the remainder)		0	210	0	0	0	0	210
Civilian Positions Available		0	118	0	0	0	0	118
CIVILIAN POSITIONS ELIMINATED		0	0	84	0	0	0	84
Early Retirement	10.00%	0	0	8	0	0	0	8
Regular Retirement	5.00%	0	0	4	0	0	0	4
Civilian Turnover	15.00%	0	0	13	0	0	0	13
Civs Not Moving (RIFs)*+		0	0	5	0	0	0	5
Priority Placement#	60.00%	0	0	50	0	0	0	50
Civilians Available to Move		0	0	4	0	0	0	4
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	4	0	0	0	4
CIVILIAN POSITIONS REALIGNING IN		0	328	0	0	0	0	328
Civilians Moving		0	210	0	0	0	0	210
New Civilians Hired		0	118	0	0	0	0	118
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	33	8	0	0	0	41
TOTAL CIVILIAN RIFs		0	20	9	0	0	0	29
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	50	0	0	0	50
TOTAL CIVILIAN NEW HIRES		0	118	0	0	0	0	118

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

# Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
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ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	16,358	147,225	0	0	0	0	163,583
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	364	164	0	0	0	527
Civ Retire	0	138	33	0	0	0	172
CIV MOVING							
Per Diem	0	482	0	0	0	0	482
POV Miles	0	41	0	0	0	0	41
Home Purch	0	2,183	0	0	0	0	2,183
HHG	0	1,466	0	0	0	0	1,466
Misc	0	147	0	0	0	0	147
House Hunt	0	436	0	0	0	0	436
PPS	0	0	720	0	0	0	720
RITA	0	921	0	0	0	0	921
FREIGHT							
Packing	0	582	0	0	0	0	582
Freight	0	1,301	0	0	0	0	1,301
Vehicles	0	990	0	0	0	0	990
Driving	0	346	0	0	0	0	346
Unemployment	0	63	28	0	0	0	91
OTHER							
Program Plan	839	629	472	0	0	0	1,940
Shutdown	2,749	2,749	2,832	0	0	0	8,330
New Hire	0	0	0	0	0	0	0
1-Time Move	0	1,700	0	0	0	0	1,700
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	680	0	0	0	0	680
POV Miles	0	585	0	0	0	0	585
HHG	0	7,672	0	0	0	0	7,672
Misc	0	1,492	0	0	0	0	1,492
OTHER							
Elim PCS	0	0	5,201	0	0	0	5,201
OTHER							
HAP / RSE	0	607	204	0	0	0	811
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	19,946	172,800	9,655	0	0	0	202,401

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
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RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	406	406	406	406	1,623	406
BOS	0	2,899	2,899	2,899	2,899	2,899	14,494	2,899
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	9,591	9,591	9,591	9,591	9,591	47,953	9,591
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	12,489	12,895	12,895	12,895	12,895	64,070	12,895
TOTAL COST	19,946	185,289	22,551	12,895	12,895	12,895	266,471	12,895
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	8,500	0	0	0	0	0	8,500	
Fam Housing	0	8,957	0	0	0	0	8,957	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	3,346	0	0	0	0	3,346	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	8,500	12,303	0	0	0	0	20,803	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	1,701	5,104	8,559	10,312	10,312	10,312	46,301	10,312
O&M								
RPMA	417	1,269	2,179	2,699	2,699	2,699	11,962	2,699
BOS	0	0	8,986	8,986	8,986	8,986	35,944	8,986
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	1,959	3,918	3,918	3,918	13,713	3,918
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	2,203	4,405	4,405	4,405	15,419	4,405
Enl Salary	0	0	14,712	29,424	29,424	29,424	102,986	29,424
House Allow	0	3,805	3,805	3,805	3,805	3,805	19,027	3,805
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2,118	10,179	42,404	63,550	63,550	63,550	245,351	63,550
TOTAL SAVINGS	10,618	22,482	42,404	63,550	63,550	63,550	266,154	63,550

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	7,858	147,225	0	0	0	0	155,083	
Fam Housing	0	-8,957	0	0	0	0	-8,957	
<b>O&amp;M</b>								
Civ Retir/RIF	0	502	197	0	0	0	700	
Civ Moving	0	8,896	720	0	0	0	9,616	
Other	3,588	5,141	3,332	0	0	0	12,061	
<b>MIL PERSONNEL</b>								
Mil Moving	0	7,083	5,201	0	0	0	12,285	
<b>OTHER</b>								
HAP / RSE	0	607	204	0	0	0	811	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>11,446</b>	<b>160,497</b>	<b>9,655</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>181,599</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	<b>Beyond</b>
FAM HOUSE OPS	-1,701	-5,104	-8,559	-10,312	-10,312	-10,312	-46,301	-10,312
<b>O&amp;M</b>								
RPMA	-417	-1,269	-1,774	-2,293	-2,293	-2,293	-10,340	-2,293
BOS	0	2,899	-6,087	-6,087	-6,087	-6,087	-21,450	-6,087
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-1,959	-3,918	-3,918	-3,918	-13,713	-3,918
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	-16,915	-33,830	-33,830	-33,830	-118,404	-33,830
House Allow	0	5,785	5,785	5,785	5,785	5,785	28,926	5,785
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>-2,118</b>	<b>2,310</b>	<b>-29,509</b>	<b>-50,655</b>	<b>-50,655</b>	<b>-50,655</b>	<b>-181,282</b>	<b>-50,655</b>
<b>TOTAL NET COST</b>	<b>9,328</b>	<b>162,807</b>	<b>-19,853</b>	<b>-50,655</b>	<b>-50,655</b>	<b>-50,655</b>	<b>317</b>	<b>-50,655</b>

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
BASE X	850	6%	0	0%	0
MACDILL	707	22%	353,550	8%	500
GRAND FORKS	-3,413	-100%	-6,664,000	-100%	1,952
SEYMOUR JOHNSON	902	19%	401,350	8%	445

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
BASE X	0	0%	0	730,091	3%	859
MACDILL	195,588	7%	277	1,294,671	11%	1,831
GRAND FORKS	-2,699,000	-100%	791	-8,985,902	-100%	2,633
SEYMOUR JOHNSON	210,084	8%	233	873,966	10%	969

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
BASE X	730,091	2%	859
MACDILL	1,490,259	10%	2,108
GRAND FORKS	-11,684,902	-109%	3,424
SEYMOUR JOHNSON	1,084,050	9%	1,202

RPMA/BOS CHANGE REPORT (COBRA v5.08)  
Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
Option Package : Grand Forks Comm  
Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-417	-1,269	-1,774	-2,293	-2,293	-2,293	-10,340	-2,293
BOS Change	0	2,899	-6,087	-6,087	-6,087	-6,087	-21,450	-6,087
Housing Change	-1,701	-5,104	-8,559	-10,312	-10,312	-10,312	-46,301	-10,312
TOTAL CHANGES	-2,118	-3,475	-16,420	-18,692	-18,692	-18,692	-78,091	-18,692

INPUT DATA REPORT (COBRA v5.08)  
 Data As Of 14:19 05/26/1995, Report Created 14:20 05/26/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
BASE X	Realignment
MACDILL, FL	Realignment
GRAND FORKS, ND	Closes in FY 1998
SEYMOUR JOHNSON, NC	Realignment

Summary:

-----  
 THIS COBRA RUN WAS REQUESTED BY THE DEFENSE BASE CLOSURE AND REALIGNMENT  
 COMMISSION. IT DOES NOT REFLECT AIR FORCE POSITION  
 Close Grand Forks AFB. No missile wing cost no missile wing savings.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
BASE X	GRAND FORKS, ND	1,000 mi
MACDILL, FL	GRAND FORKS, ND	1,868 mi
GRAND FORKS, ND	SEYMOUR JOHNSON, NC	1,590 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from GRAND FORKS, ND to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	102	0	0	0	0
Enlisted Positions:	0	459	0	0	0	0
Civilian Positions:	0	289	0	0	0	0
Student Positions:	0	0	0	0	0	0
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

Transfers from GRAND FORKS, ND to MACDILL, FL

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	109	0	0	0	0
Enlisted Positions:	0	584	0	0	0	0
Civilian Positions:	0	14	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	1,000	0	0	0	0
Suppt Eqpt (tons):	0	500	0	0	0	0
Military Light Vehicles:	0	233	0	0	0	0
Heavy/Special Vehicles:	0	204	0	0	0	0

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from GRAND FORKS, ND to SEYMOUR JOHNSON, NC

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	163	0	0	0	0
Enlisted Positions:	0	714	0	0	0	0
Civilian Positions:	0	25	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	1,000	0	0	0	0
Suppt Eqpt (tons):	0	500	0	0	0	0
Military Light Vehicles:	0	233	0	0	0	0
Heavy/Special Vehicles:	0	205	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BASE X

Total Officer Employees:	736	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,263	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,455	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	66	Activity Code:	AFX
Enlisted VHA (\$/Month):	50		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: MACDILL, FL

Total Officer Employees:	516	RPMA Non-Payroll (\$K/Year):	2,778
Total Enlisted Employees:	1,911	Communications (\$K/Year):	1,198
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	10,408
Total Civilian Employees:	841	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	20.0%	Family Housing (\$K/Year):	6,132
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.80
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,658	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	194	Activity Code:	AF094
Enlisted VHA (\$/Month):	137		
Per Diem Rate (\$/Day):	83	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: GRAND FORKS, ND

Total Officer Employees:	719	RPMA Non-Payroll (\$K/Year):	2,699
Total Enlisted Employees:	3,888	Communications (\$K/Year):	907
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,768
Total Civilian Employees:	587	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	72.0%	Family Housing (\$K/Year):	10,312
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.98
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,664	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF031
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	72	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

(See final page for Explanatory Notes)

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SEYMOUR JOHNSON, NC

Total Officer Employees:	455	RPMA Non-Payroll (\$K/Year):	2,751
Total Enlisted Employees:	3,625	Communications (\$K/Year):	1,006
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	7,691
Total Civilian Employees:	569	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	47.0%	Family Housing (\$K/Year):	9,762
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.74
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,874	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	45	Activity Code:	AF079
Enlisted VHA (\$/Month):	59		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

(See final page for Explanatory Notes)

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: BASE X

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: MACDILL, FL

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001
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	1,700	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	33%	33%	34%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	8,500	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	8,957	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	6,664	Perc Family Housing ShutDown:				100.0%

Name: SEYMOUR JOHNSON, NC

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-96	-95	-98	0	0	0
Enl Force Struc Change:	-417	-369	-531	0	0	0
Civ Force Struc Change:	-8	-122	-45	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-56	0	0	0
Enl Scenario Change:	0	0	-814	0	0	0
Civ Scenario Change:	0	0	-84	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MACDILL, FL

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Pavements	HORIZ	40,000	0	2,030
Maint	OTHER	181,000	0	19,380
POL	OTHER	0	0	21,203
Ops and Traing	OTHER	131,250	0	15,880
Dining	OTHER	6,100	0	1,210
Dorms	BACHQ	35,200	0	5,600
BOS	OTHER	0	0	2,550
P&D	OTHER	0	0	6,190

Name: SEYMOUR JOHNSON, NC

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Pavement	HORIZ	0	0	12,000
Maint	OTHER	261,000	0	29,890
POL	OTHER	0	0	15,470
Ops/Trng	OTHER	112,250	0	14,130
Dining	OTHER	4,500	0	860
Dorms	BACHQ	23,600	0	2,330
BOS	OTHER	0	0	7,470
P&D	OTHER	0	0	7,390

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
		2000: 3.00%	2001: 3.00%

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13702.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyard Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

EXPLANATORY NOTES (INPUT SCREEN NINE)

4. 1/2/123 added to Grand Forks AFB for tenants

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION  
1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:  
AL CORNELLA  
REBECCA COX  
GEN J. B. DAVIS, USAF (RET)  
S. LEE KLING  
RADM BENJAMIN F. MONTOYA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

May 16, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

152  
Please refer to this number  
when responding 950517-2

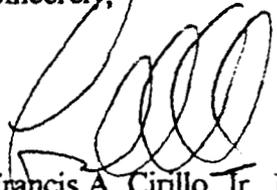
Dear General Blume:

As a result of the Adds Hearing on May 10th the Commission has added five Air Force Reserve C-130 bases for consideration for closure. They are General Mitchell IAP ARS, Minneapolis-St Paul IAP ARS, Niagara Falls IAP ARS, O'Hare IAP ARS, and Youngstown-Warren MPT ARS. To enable us to analyze these bases on an equitable basis request you provide a COBRA run on each using the same scenario, as with past COBRAs, for relocation of the aircraft. However, request you modify the Input Screen Four base operating cost data to reflect an annual average of the actual costs incurred during the four year period from FY 91 thru FY 94. Also, request you provide the spread sheets for each year detailing the annual costs by PEC as listed in the Base Questionnaire.

Request your submission include a disk copy of the COBRAs and be forwarded to the Commission by May 26, 1995.

Your continued support and cooperation are greatly appreciated.

Sincerely,



Francis A. Cirillo, Jr., PE  
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

25 MAY 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

Defense Base Closure and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, VA 22209

152

Dear Mr. Cirillo

This is in response to your letter of May 16, 1995 (Commission tasker # 950517-2, AF/RT: RT0518), requesting COBRA runs on General Mitchell IAP ARS, Minneapolis-St Paul IAP ARS, Niagara Falls IAP ARS, O'Hare IAP ARS, and Youngstown-Warren MPT ARS. We have also included a comparable COBRA run for Pittsburgh IAP ARS as requested verbally. Please note that we have complied with your request in calculating MILCON avoidance and operating costs. Thus, these COBRAs do not follow normal Air Force COBRA assumptions. Spreadsheets detailing the annual costs for these installations are also attached.

We trust this information is useful for your analysis.

Sincerely

JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachments:

1. Reserve COBRAs
2. Spreadsheets of annual costs
3. Electronic Copies



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

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- WENDI LOUISE STEELE

May 16, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

Please refer to this number  
when responding 950517-2

Dear General Blume:

As a result of the Adds Hearing on May 10th the Commission has added five Air Force Reserve C-130 bases for consideration for closure. They are General Mitchell IAP ARS, Minneapolis-St Paul IAP ARS, Niagara Falls IAP ARS, O'Hare IAP ARS, and Youngstown-Warren MPT ARS. To enable us to analyze these bases on an equitable basis request you provide a COBRA run on each using the same scenario, as with past COBRAs, for relocation of the aircraft. However, request you modify the Input Screen Four base operating cost data to reflect an annual average of the actual costs incurred during the four year period from FY 91 thru FY 94. Also, request you provide the spread sheets for each year detailing the annual costs by PEC as listed in the Base Questionnaire.

Request your submission include a disk copy of the COBRAs and be forwarded to the Commission by May 26, 1995.

Your continued support and cooperation are greatly appreciated.

Sincerely,

Francis A. Cirillo, Jr., PE  
Air Force Team Leader

RT0518

RT 518

COORDINATION:

RT		REF	
Giddell	26 May 95	hinnangea	26 May 95

TAB I

Department : Air Force  
 Option Package : MPLS-ST PAUL COMM  
 Scenario File : S:\COBRA\COMSISN\MIN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1999 (2 Years)

NPY in 2015(\$K): -180,049  
 1-Time Cost(\$K): 23,622

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-711	1,226	0	0	0	0	515	0
Person	0	-4,472	-10,075	-10,075	-10,075	-10,075	-44,771	-10,075
Overhd	129	-397	-4,502	-4,502	-4,502	-4,502	-18,276	-4,502
Moving	0	5,094	0	0	0	0	5,094	0
Missio	0	0	100	100	100	100	400	100
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>-581</b>	<b>16,451</b>	<b>-14,477</b>	<b>-14,477</b>	<b>-14,477</b>	<b>-14,477</b>	<b>-42,037</b>	<b>-14,477</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	216	0	0	0	0	216
<b>TOT</b>	<b>0</b>	<b>216</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>216</b>
<b>POSITIONS REALIGNED</b>							
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	105	0	0	0	0	105
<b>TOT</b>	<b>0</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>

Department : Air Force  
 Option Package : MPLS-ST PAUL COMM  
 Scenario File : S:\COBRA\COMSISSN\MIN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	136	1,226	0	0	0	0	1,362	0
Person	0	565	0	0	0	0	565	0
Overhd	129	1,954	488	488	488	488	4,035	488
Moving	0	5,094	0	0	0	0	5,094	0
Missio	0	0	100	100	100	100	400	100
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>265</b>	<b>23,839</b>	<b>588</b>	<b>588</b>	<b>588</b>	<b>588</b>	<b>26,456</b>	<b>588</b>

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	847	0	0	0	0	0	847	0
Person	0	5,037	10,075	10,075	10,075	10,075	45,336	10,075
Overhd	0	2,351	4,990	4,990	4,990	4,990	22,311	4,990
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
<b>TOTAL</b>	<b>847</b>	<b>7,388</b>	<b>15,065</b>	<b>15,065</b>	<b>15,065</b>	<b>15,065</b>	<b>68,494</b>	<b>15,065</b>

INPUT DATA REPORT (COBRA v5.08)  
 Data As Of 12:50 05/26/1995, Report Created 12:53 05/26/1995

Department : Air Force  
 Option Package : MPLS-ST PAUL COMM  
 Scenario File : S:\COBRA\COMSISSN\MIN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
DOBBINS, GA	Realignment
MPLS-ST PAUL, MN	Closes in FY 1997
PETERSON, CO	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	MPLS-ST PAUL, MN	1,077 mi
MPLS-ST PAUL, MN	PETERSON, CO	927 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MPLS-ST PAUL, MN to DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	52	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	61	0	0	0	0
Heavy/Special Vehicles:	0	97	0	0	0	0

Transfers from MPLS-ST PAUL, MN to PETERSON, CO

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	53	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	61	0	0	0	0
Heavy/Special Vehicles:	0	97	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,606
Total Enlisted Employees:	0	Communications (\$K/Year):	1,617
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,729
Total Civilian Employees:	543	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	8
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.96
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	899	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	16
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	119	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : MPLS-ST PAUL COMM  
 Scenario File : S:\COBRA\COMSISSN\MIN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MPLS-ST PAUL, MN

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,459
Total Enlisted Employees:	0	Communications (\$K/Year):	1,238
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	1,293
Total Civilian Employees:	337	BOS Payroll (\$K/Year):	<del>0</del> 4.990
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.37
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,100	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	63
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	98	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: PETERSON, CO

Total Officer Employees:	1,187	RPMA Non-Payroll (\$K/Year):	2,568
Total Enlisted Employees:	1,956	Communications (\$K/Year):	4,715
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	30,893
Total Civilian Employees:	1,661	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	10.0%	Family Housing (\$K/Year):	2,380
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.06
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,927	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	AF071
Enlisted VHA (\$/Month):	54	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	73	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:			0.0%	

Department : Air Force  
 Option Package : MPLS-ST PAUL COMM  
 Scenario File : S:\COBRA\COMSISSN\MIN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MPLS-ST PAUL, MN	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	15,000	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	100	100	100	100
Activ Mission Save (\$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
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	847	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	1,100	Perc Family Housing ShutDown:				0.0%

Name: PETERSON, CO	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MPLS-ST PAUL, MN	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-216	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	-16	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Document Separator

Department : Air Force  
 Option Package : MPLS-ST PAUL COMM  
 Scenario File : S:\COBRA\COMSIS\MIN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: PETERSON, CO

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Add Alter	OTHER	7,000	0	1,250
	OTHER	0	0	112

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : MPLS-ST PAUL COMM  
 Scenario File : S:\COBRA\COMSISSN\MIN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			



Department : Air Force  
 Option Package : NIAGARA FOCUS COMM  
 Scenario File : S:\COBRA\COMSIS\NI14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1998 (1 Year)

NPV in 2015(\$K) : -196,419  
 1-time cost(\$K) : 23,718

Net Costs (\$K) Constant Dollars		1996		1997		1998		1999		2000		2001		Total	
TOTAL	-5,556	14,066	-15,157	-15,157	-15,157	-15,157	-15,157	-15,157	-15,157	-15,157	-52,117	-15,157	Total	-52,117	-15,157
Milcon	-5,953	-483	0	0	0	0	0	0	0	0	-6,436	0		0	0
Person	0	-4,402	-9,935	-9,935	-9,935	-9,935	-9,935	-9,935	-9,935	-9,935	-44,141	-9,935		-9,935	-9,935
Overhd	397	-1,094	-5,222	-5,222	-5,222	-5,222	-5,222	-5,222	-5,222	-5,222	-21,586	-5,222		-5,222	-5,222
Moving	0	5,046	0	0	0	0	0	0	0	0	5,046	0		0	0
Missio	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Other	0	15,000	0	0	0	0	0	0	0	0	15,000	0		0	0
POSITIONS ELIMINATED	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Off	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Enl	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Civ	0	0	0	0	0	0	0	0	0	0	0	0		0	0
TOT	0	213	0	0	0	0	0	0	0	0	213	0		213	213
POSITIONS REALIGNED	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Off	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Enl	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Stu	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Civ	0	0	0	0	0	0	0	0	0	0	0	0		0	0
TOT	0	105	0	0	0	0	0	0	0	0	105	0		105	105

Department : Air Force  
 Option Package : NIAGARA FOCUS COMM  
 Scenario File : S:\COBRA\COMSISSN\NIA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	136	1,226	0	0	0	0	1,362	0
Person	0	565	0	0	0	0	565	0
Overhd	397	1,830	1,032	1,032	1,032	1,032	6,355	1,032
Moving	0	5,046	0	0	0	0	5,046	0
Missio	0	0	0	0	0	0	0	0
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>533</b>	<b>23,667</b>	<b>1,032</b>	<b>1,032</b>	<b>1,032</b>	<b>1,032</b>	<b>28,328</b>	<b>1,032</b>

Savings (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	6,089	1,709	0	0	0	0	7,798	0
Person	0	4,967	9,935	9,935	9,935	9,935	44,706	9,935
Overhd	0	2,924	6,254	6,254	6,254	6,254	27,940	6,254
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
<b>TOTAL</b>	<b>6,089</b>	<b>9,601</b>	<b>16,189</b>	<b>16,189</b>	<b>16,189</b>	<b>16,189</b>	<b>80,445</b>	<b>16,189</b>

Department : Air Force  
 Option Package : NIAGARA FOCUS COMM  
 Scenario File : S:\COBRA\COMSISSN\NIA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
DOBBINS, GA	Realignment
NIAGARA FALLS, NY	Closes in FY 1997
PETERSON, CO	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	NIAGARA FALLS, NY	914 mi
NIAGARA FALLS, NY	PETERSON, CO	1,568 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NIAGARA FALLS, NY to DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	52	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	21	0	0	0	0
Heavy/Special Vehicles:	0	97	0	0	0	0

Transfers from NIAGARA FALLS, NY to PETERSON, CO

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	53	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	21	0	0	0	0
Heavy/Special Vehicles:	0	98	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,606
Total Enlisted Employees:	0	Communications (\$K/Year):	1,617
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,729
Total Civilian Employees:	543	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	8
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.96
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	899	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	16
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	119	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : NIAGARA FOCUS COMM  
 Scenario File : S:\COBRA\COMSISS\NIA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NIAGARA FALLS, NY

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	1,767
Total Enlisted Employees:	0	Communications (\$K/Year):	517
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,970
Total Civilian Employees:	334	BOS Payroll (\$K/Year):	<u>0</u> 6,254
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.15
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	840	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	66
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	101	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: PETERSON, CO

Total Officer Employees:	1,187	RPMA Non-Payroll (\$K/Year):	2,568
Total Enlisted Employees:	1,956	Communications (\$K/Year):	4,715
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	30,893
Total Civilian Employees:	1,661	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	10.0%	Family Housing (\$K/Year):	2,380
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.06
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,927	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	AF071
Enlisted VHA (\$/Month):	54		
Per Diem Rate (\$/Day):	73	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
		Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : NIAGARA FOCUS COMM  
 Scenario file : S:\COBRA\COMSIS\NINIA14301.CBR  
 Std Fctrs file : S:\COBRA\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NIAGARA FALLS, NY		1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0	0
Civ Scenario Change:	0	-213	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0	0
Civ Change(No Sal Save):	0	-16	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0	0

Name: PETERSON, CO		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0	0
Env Non-MilCon Req(\$K):	0	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0	0
Misc Recurring Cost (\$K):	0	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	6,089	1,709	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0	0
Facil Shutdown(KSF):	840	0	0	0	0	0	0

Name: NIAGARA FALLS, NY		1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	15,000	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0	0
Env Non-MilCon Req(\$K):	0	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0	0
Misc Recurring Cost (\$K):	0	0	544	544	544	544	544
Misc Recurring Save (\$K):	0	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0	0
Facil Shutdown(KSF):	0	0	0	0	0	0	0

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NIAGARA FALLS, NY		1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0	0
Civ Scenario Change:	0	-213	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0	0
Civ Change(No Sal Save):	0	-16	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0	0

Department : Air Force  
 Option Package : NIAGARA FOCUS COMM  
 Scenario File : S:\COBRA\COMSISS\NIA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: PETERSON, CO

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Add Alter	OTHER	7,000	0	1,250
	OTHER	0	0	112

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : NIAGARA FOCUS COMM  
 Scenario File : S:\COBRA\COMSISSN\NIA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Document Separator



Department : Air Force  
 Option Package : Youngstown Comm  
 Scenario File : S:\COBRA\COMSISN\YOU14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Costs (\$K) Constant Dollars		Savings (\$K) Constant Dollars	
	1996	1997	1998
TOTAL	265	23,092	488
MilCon	136	1,226	0
Person	0	646	0
Overhd	128	1,121	488
Moving	0	5,099	0
Missto	0	15,000	0
Other	0	0	0
-----			
TOTAL	11,589	9,694	16,278
MilCon	1,602	0	0
Person	0	6,413	12,826
Overhd	0	1,679	3,452
Moving	0	0	0
Missto	0	0	0
Other	0	0	0
-----			
TOTAL	16,278	16,278	16,278
MilCon	0	0	0
Person	12,826	12,826	12,826
Overhd	3,452	3,452	3,452
Moving	0	0	0
Missto	0	0	0
Other	0	0	0
-----			
TOTAL	13,191	13,191	13,191
Person	57,719	57,719	57,719
Overhd	15,487	15,487	3,452
Moving	0	0	0
Missto	0	0	0
Other	0	0	0
-----			
TOTAL	86,397	86,397	16,278
Person	12,826	12,826	12,826
Overhd	3,452	3,452	3,452
Moving	0	0	0
Missto	0	0	0
Other	0	0	0
-----			
TOTAL	16,278	16,278	16,278
Person	12,826	12,826	12,826
Overhd	3,452	3,452	3,452
Moving	0	0	0
Missto	0	0	0
Other	0	0	0
-----			
TOTAL	16,278	16,278	16,278
Person	12,826	12,826	12,826
Overhd	3,452	3,452	3,452
Moving	0	0	0
Missto	0	0	0
Other	0	0	0
-----			
TOTAL	16,278	16,278	16,278

Beyond  
Total  
Beyond

Department : Air Force  
 Option Package : Youngstown Comm  
 Scenario File : S:\COBRA\COMSISN\YOU14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
DOBBINS, GA	Realignment
YOUNGSTOWN, OH	Closes in FY 1997
PETERSON, CO	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	YOUNGSTOWN, OH	745 mi
YOUNGSTOWN, OH	PETERSON, CO	1,435 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from YOUNGSTOWN, OH to DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	52	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	37	0	0	0	0
Heavy/Special Vehicles:	0	49	0	0	0	0

Transfers from YOUNGSTOWN, OH to PETERSON, CO

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	53	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	37	0	0	0	0
Heavy/Special Vehicles:	0	48	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,606
Total Enlisted Employees:	0	Communications (\$K/Year):	1,617
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,729
Total Civilian Employees:	543	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	8
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.96
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	899	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	16
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	119	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Youngstown Comm  
 Scenario File : S:\COBRA\COMSISSN\YOU14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: YOUNGSTOWN, OH

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	1,935
Total Enlisted Employees:	0	Communications (\$K/Year):	231
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	1,286
Total Civilian Employees:	380	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.92
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	434	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	93
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	75	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: PETERSON, CO

Total Officer Employees:	1,187	RPMA Non-Payroll (\$K/Year):	2,568
Total Enlisted Employees:	1,956	Communications (\$K/Year):	4,715
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	30,893
Total Civilian Employees:	1,661	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	10.0%	Family Housing (\$K/Year):	2,380
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.06
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,927	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	AF071
Enlisted VHA (\$/Month):	54		
Per Diem Rate (\$/Day):	73	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
					Perc Family Housing ShutDown:	

Department : Air Force  
 Option Package : Youngstown Comm  
 Scenario File : S:\COBRA\COMSISSN\YOU14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: YOUNGSTOWN, OH

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	15,000	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	11,589	1,602	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	434	Perc Family Housing ShutDown:				0.0%

Name: PETERSON, CO

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: YOUNGSTOWN, OH

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-275	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Youngstown Comm  
 Scenario File : S:\COBRA\COMSISSN\YOU14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: PETERSON, CO

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Add Alter	OTHER	7,000	0	1,250
	OTHER	0	0	112

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : Youngstown Comm  
 Scenario File : S:\COBRA\COMSISSN\YOU14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Document Separator

Department : Air Force  
 Option Package : Gen Mitchell Commiss  
 Scenario File : S:\COBRA\COMSISN\GEN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1998 (1 Year)

NPV in 2015(\$K): -223,374  
 1-Time Cost(\$K): 22,921

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-7,140	-2,277	0	0	0	0	-9,417	0
Person	0	-5,767	-12,826	-12,826	-12,826	-12,826	-57,074	-12,826
Overhd	193	-1,189	-4,004	-4,004	-4,004	-4,004	-17,011	-4,004
Moving	0	5,168	0	0	0	0	5,168	0
Missio	0	0	0	0	0	0	0	0
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>-6,946</b>	<b>10,935</b>	<b>-16,831</b>	<b>-16,831</b>	<b>-16,831</b>	<b>-16,831</b>	<b>-63,334</b>	<b>-16,831</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	275	0	0	0	0	275
<b>TOT</b>	<b>0</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
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	105	0	0	0	0	105
<b>TOT</b>	<b>0</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>

Department : Air Force  
 Option Package : Gen Mitchell Commiss  
 Scenario File : S:\COBRA\COMSISSN\GEN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	136	1,226	0	0	0	0	1,362	0
Person	0	646	0	0	0	0	646	0
Overhd	193	1,034	488	488	488	488	3,179	488
Moving	0	5,168	0	0	0	0	5,168	0
Missio	0	0	0	0	0	0	0	0
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>330</b>	<b>23,073</b>	<b>488</b>	<b>488</b>	<b>488</b>	<b>488</b>	<b>25,355</b>	<b>488</b>

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	7,276	3,503	0	0	0	0	10,779	0
Person	0	6,413	12,826	12,826	12,826	12,826	57,719	12,826
Overhd	0	2,222	4,492	4,492	4,492	4,492	20,190	4,492
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
<b>TOTAL</b>	<b>7,276</b>	<b>12,138</b>	<b>17,318</b>	<b>17,318</b>	<b>17,318</b>	<b>17,318</b>	<b>88,689</b>	<b>17,318</b>

INPUT DATA REPORT (COBRA v5.08)  
Data As Of 12:48 05/26/1995, Report Created 12:48 05/26/1995

Department : Air Force  
Option Package : Gen Mitchell Commiss  
Scenario File : S:\COBRA\COMSISSN\GEN14301.CBR  
Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
DOBBINS, GA	Realignment
GEN MITCHELL, WI	Closes in FY 1997
PETERSON, CO	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	GEN MITCHELL, WI	753 mi
GEN MITCHELL, WI	PETERSON, CO	1,086 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from GEN MITCHELL, WI to DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	52	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	15	0	0	0	0
Heavy/Special Vehicles:	0	38	0	0	0	0

Transfers from GEN MITCHELL, WI to PETERSON, CO

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	53	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	14	0	0	0	0
Heavy/Special Vehicles:	0	38	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,606
Total Enlisted Employees:	0	Communications (\$K/Year):	1,617
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,729
Total Civilian Employees:	543	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	8
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.96
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	899	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	16
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	119	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : Gen Mitchell Commiss  
 Scenario File : S:\COBRA\COMSISSN\GEN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: GEN MITCHELL, WI

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	1,053
Total Enlisted Employees:	0	Communications (\$K/Year):	1,504
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	1,935
Total Civilian Employees:	380	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.16
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	325	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	29
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

*4.492 = 4.5*

Name: PETERSON, CO

Total Officer Employees:	1,187	RPMA Non-Payroll (\$K/Year):	2,568
Total Enlisted Employees:	1,956	Communications (\$K/Year):	4,715
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	30,893
Total Civilian Employees:	1,661	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	10.0%	Family Housing (\$K/Year):	2,380
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.06
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,927	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	AF071
Enlisted VHA (\$/Month):	54	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	73	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0		Perc Family Housing ShutDown:			0.0%

Department : Air Force  
Option Package : Gen Mitchell Commiss  
Scenario File : S:\COBRA\COMSISSN\GEN14301.CBR  
Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: GEN MITCHELL, WI

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	15,000	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	7,276	3,503	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	325	Perc Family Housing ShutDown:			0.0%	

Name: PETERSON, CO

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:			0.0%	

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: GEN MITCHELL, WI

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-275	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Gen Mitchell Commiss  
 Scenario File : S:\COBRA\COMSISSN\GEN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: PETERSON, CO

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Add Alter	OTHER	7,000	0	1,250
	OTHER	0	0	112

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : Gen Mitchell Commiss  
 Scenario File : S:\COBRA\COMSISSN\GEN14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Document Separator.

Department : Air Force  
 Option Package : O'HARE COMMISSION  
 Scenario File : S:\COBRA\COMSISSN\OHA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1999 (2 Years)

NPV in 2015(\$K): -204,271  
 1-Time Cost(\$K): 23,902

	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	136	1,226	0	0	0	0	1,362	0
Person	0	-5,740	-12,780	-12,780	-12,780	-12,780	-56,860	-12,780
Overhd	232	-412	-3,493	-3,493	-3,493	-3,493	-14,152	-3,493
Moving	0	5,408	0	0	0	0	5,408	0
Missio	0	0	0	0	0	0	0	0
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>368</b>	<b>15,482</b>	<b>-16,273</b>	<b>-16,273</b>	<b>-16,273</b>	<b>-16,273</b>	<b>-49,241</b>	<b>-16,273</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	274	0	0	0	0	274
<b>TOT</b>	<b>0</b>	<b>274</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>274</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
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	105	0	0	0	0	105
<b>TOT</b>	<b>0</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>

Department : Air Force  
 Option Package : O'HARE COMMISSION  
 Scenario File : S:\COBRA\COMSISN\OHA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	136	1,226	0	0	0	0	1,362	0
Person	0	650	0	0	0	0	650	0
Overhd	232	1,732	861	861	861	861	5,408	861
Moving	0	5,408	0	0	0	0	5,408	0
Missio	0	0	0	0	0	0	0	0
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>368</b>	<b>24,016</b>	<b>861</b>	<b>861</b>	<b>861</b>	<b>861</b>	<b>27,828</b>	<b>861</b>

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	6,390	12,780	12,780	12,780	12,780	57,509	12,780
Overhd	0	2,144	4,354	4,354	4,354	4,354	19,560	4,354
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
<b>TOTAL</b>	<b>0</b>	<b>8,534</b>	<b>17,134</b>	<b>17,134</b>	<b>17,134</b>	<b>17,134</b>	<b>77,070</b>	<b>17,134</b>

Department : Air Force  
 Option Package : O'HARE COMMISSION  
 Scenario File : S:\COBRA\COMSISSN\OHA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
DOBBINS, GA	Realignment
O'HARE, IL	Closes in FY 1997
PETERSON, CO	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	O'HARE, IL	680 mi
O'HARE, IL	PETERSON, CO	1,057 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from O'HARE, IL to DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	52	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	95	0	0	0	0
Heavy/Special Vehicles:	0	98	0	0	0	0

Transfers from O'HARE, IL to PETERSON, CO

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	53	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	94	0	0	0	0
Heavy/Special Vehicles:	0	99	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,606
Total Enlisted Employees:	0	Communications (\$K/Year):	1,617
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,729
Total Civilian Employees:	543	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	8
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.96
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	899	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	16
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	119	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : O'HARE COMMISSION  
 Scenario File : S:\COBRA\COMSISSN\OHA143D1.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: O'HARE, IL

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	1,696
Total Enlisted Employees:	0	Communications (\$K/Year):	338
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	2,320
Total Civilian Employees:	384	BOS Payroll (\$K/Year):	<del>0</del> 4,354
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.19
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	861	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	67
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	142	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: PETERSON, CO

Total Officer Employees:	1,187	RPMA Non-Payroll (\$K/Year):	2,568
Total Enlisted Employees:	1,956	Communications (\$K/Year):	4,715
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	30,893
Total Civilian Employees:	1,661	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	10.0%	Family Housing (\$K/Year):	2,380
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.06
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,927	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	AF071
Enlisted VHA (\$/Month):	54	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	73	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DOBBINS, GA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					Perc Family Housing ShutDown: 0.0%

Department : Air Force  
 Option Package : O'HARE COMMISSION  
 Scenario File : S:\COBRA\COMSISSN\OHA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: O'HARE, IL

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	15,000	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	373	373	373	373
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	861					
Perc Family Housing ShutDown:						0.0%

Name: PETERSON, CO

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
Perc Family Housing ShutDown:						0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: O'HARE, IL

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-274	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	-5	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : O'HARE COMMISSION  
 Scenario File : S:\COBRA\COMSISS\OHA143D1.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: PETERSON, GO

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Add Alter	OTHER	7,000	0	1,250
	OTHER	0	0	112

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : O'HARE COMMISSION  
 Scenario File : S:\COBRA\COMSISSN\OHA14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
ROD & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Document Separator

Department : Air Force  
 Option Package : PITTSBURGH COMM  
 Scenario File : S:\COBRA\COMSISSN\PIT14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1998 (1 Year)

NPV in 2015(\$K): -196,889  
 1-Time Cost(\$K): 22,969

	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	-11,530	1,569	0	0	0	0	-9,961	0
Person	0	-4,983	-11,147	-11,147	-11,147	-11,147	-49,573	-11,147
Overhd	134	-826	-3,723	-3,723	-3,723	-3,723	-15,585	-3,723
Moving	0	4,798	0	0	0	0	4,798	0
Missio	0	0	0	0	0	0	0	0
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>-11,395</b>	<b>15,558</b>	<b>-14,871</b>	<b>-14,871</b>	<b>-14,871</b>	<b>-14,871</b>	<b>-55,321</b>	<b>-14,871</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	239	0	0	0	0	239
<b>TOT</b>	<b>0</b>	<b>239</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>239</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
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	105	0	0	0	0	105
<b>TOT</b>	<b>0</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>

Department : Air Force  
 Option Package : PITTSBURGH COMM  
 Scenario File : S:\COBRA\COMSISSN\PIT14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	174	1,569	0	0	0	0	1,743	0
Person	0	590	0	0	0	0	590	0
Overhd	134	1,185	488	488	488	488	3,271	488
Moving	0	4,798	0	0	0	0	4,798	0
Missio	0	0	0	0	0	0	0	0
Other	0	15,000	0	0	0	0	15,000	0
<b>TOTAL</b>	<b>308</b>	<b>23,143</b>	<b>488</b>	<b>488</b>	<b>488</b>	<b>488</b>	<b>25,403</b>	<b>488</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	11,704	0	0	0	0	0	11,704	0
Person	0	5,574	11,147	11,147	11,147	11,147	50,163	11,147
Overhd	0	2,012	4,211	4,211	4,211	4,211	18,857	4,211
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
<b>TOTAL</b>	<b>11,704</b>	<b>7,585</b>	<b>15,359</b>	<b>15,359</b>	<b>15,359</b>	<b>15,359</b>	<b>80,724</b>	<b>15,359</b>

Department : Air Force  
 Option Package : PITTSBURGH COMM  
 Scenario File : S:\COBRA\COMSISSN\PIT14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
DOBBINS, GA	Realignment
GREATER PITTSBURGH, PN	Closes in FY 1997
PETERSON, CO	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	GREATER PITTSBURGH, PN	688 mi
GREATER PITTSBURGH, PN	PETERSON, CO	1,446 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from GREATER PITTSBURGH, PN to DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	52	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	21	0	0	0	0
Heavy/Special Vehicles:	0	39	0	0	0	0

Transfers from GREATER PITTSBURGH, PN to PETERSON, CO

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	53	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	250	0	0	0	0
Suppt Eqpt (tons):	0	100	0	0	0	0
Military Light Vehicles:	0	20	0	0	0	0
Heavy/Special Vehicles:	0	38	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,606
Total Enlisted Employees:	0	Communications (\$K/Year):	1,617
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,729
Total Civilian Employees:	543	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	8
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.96
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	899	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	16
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	119	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force  
 Option Package : PITTSBURGH COMM  
 Scenario File : S:\COBRA\COMSISSN\PIT14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: GREATER PITTSBURGH, PN

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	2,337
Total Enlisted Employees:	0	Communications (\$K/Year):	553
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	1,342
Total Civilian Employees:	347	BOS Payroll (\$K/Year):	0 <i>4,232</i>
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.02
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	482	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF033
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	109	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: PETERSON, CO

Total Officer Employees:	1,187	RPMA Non-Payroll (\$K/Year):	2,568
Total Enlisted Employees:	1,956	Communications (\$K/Year):	4,715
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	30,893
Total Civilian Employees:	1,661	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	10.0%	Family Housing (\$K/Year):	2,380
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.06
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,927	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	AF071
Enlisted VHA (\$/Month):	54	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	73	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DOBBINS, GA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0		Perc Family Housing ShutDown:		0.0%	

Department : Air Force  
 Option Package : PITTSBURGH COMM  
 Scenario File : S:\COBRA\COMSISSN\PIT14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: GREATER PITTSBURGH, PN

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	15,000	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	11,704	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	482	Perc Family Housing ShutDown:				0.0%

Name: PETERSON, CO

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: GREATER PITTSBURGH, PN

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-239	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	-3	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : PITTSBURGH COMM  
 Scenario File : S:\COBRA\COMSISSN\PIT14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: GREATER PITTSBURGH, PN

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Const/Alter Switch	OTHER	3,000	0	350
	OTHER	0	0	31

Name: PETERSON, CO

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Add Alter	OTHER	7,000	0	1,250
	OTHER	0	0	112

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : PITTSBURGH COMM  
 Scenario File : S:\COBRA\COMSISSN\PIT14301.CBR  
 Std Fctrs File : S:\COBRA\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

TAB 2

Document Separator.

FY91	GTR PITT OBAN 30	O'HARE OBAN 42	GEN MITCHELL OBAN 46	MINN-ST PAUL OBAN 47	NIAGARA FALLS OBAN 48	YOUNGSTOWN OBAN 40	WILLOW GROVE OBAN 38	DOBBINS OBAN 31
TOT 55394	4,161.1	6,717.4	6,542.5	3,965.5	6,838.6	6091	5436.1	8852
CIV PAY	1,554.1	3,328.5	2,513.9	1,684.5	2,327.8	2976.1	459.6	3828.2
NET	2,607.0	3,388.9	4,028.6	2,281.0	4,510.8	3,114.9	4,976.5	5,023.8
TOT 55376								
CIV PAY								
NET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT 55378								
CIV PAY								
NET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT 55395	1,048.3	139.0	2,292.5	810.9	390.6	252.4	156.3	862.9
CIV PAY	0.0	0.0	0.0	0.0	0.0	0	0	0
NET	1,048.3	139.0	2,292.5	810.9	390.6	252.4	156.3	862.9
TOT 55396	5,388.7	6,134.8	5,672.3	4,412.0	4,866.0	3653.4	3520.2	7777.2
CIV PAY	4,409.1	5,011.9	2,785.7	3,625.1	2,241.0	2767	2388.6	6002.2
NET	979.6	1,122.9	2,886.6	786.9	2,625.0	886.4	1,131.6	1,775.0
TOTAL	10,598.1	12,991.2	14,507.3	9,188.4	12,095.2	9,996.8	9,112.6	17,492.1
CIV PAY	5,963.2	8,340.4	5,299.6	5,309.6	4,568.8	5,743.1	2,848.2	9,830.4
NET	4,634.9	4,650.8	9,207.7	3,878.8	7,526.4	4,253.7	6,264.4	7,661.7
TOT 55356	339.8	177.8	311.2	431.6	678.3	693.7	40.7	587.8
CIV PAY	0.0	0.0	0.0	0.0	0.0	0	0	0
NET	339.8	177.8	311.2	431.6	678.3	693.7	40.7	587.8
GRAND TOTAL	10,937.9	13,169.0	14,818.5	9,620.0	12,773.5	10,690.5	9,153.3	18,079.9
CIV PAY	5,963.2	8,340.4	5,299.6	5,309.6	4,568.8	5,743.1	2,848.2	9,830.4
NET TOTAL	4,974.7	4,828.6	9,518.9	4,310.4	8,204.7	4,947.4	6,305.1	8,249.5

RPMA 78 & 76  
 COM 95  
 BOS 96

FY92	GTR PITT OBAN 30	O'HARE OBAN 42	GEN MITCHELL CBAN 46	MINN-ST PAUL OBAN 47	NIAGARA FALLS OBAN 48	YOUNGSTOWN OBAN 40	WILLOW GROVE OBAN 38	DOBBINS OBAN 31
TOT 55394	4,386.9	7,183.9	5,355.3	5,421.7	7,595.0	6359.9	2600.9	7498.6
CIV PAY	1,804.1	4,040.9	2,861.9	2,025.3	2,674.4	3391.3	561.1	4504.9
NET	2,582.8	3,143.0	2,493.4	3,396.4	4,920.6	2,968.6	2,039.8	2,993.7
TOT 55376								
CIV PAY								
NET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT 55378								
CIV PAY								
NET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT 55395	617.9	747.1	589.9	1,337.4	819.4	534.9	440.1	2231
CIV PAY	318.7	244.2	293.9	0.0	472.8	277.5	326.3	85.4
NET	299.2	502.9	296.0	1,337.4	346.6	257.4	113.8	2,145.6
TOT 55396	5,319.7	6,300.0	3,628.6	4,808.7	4,638.3	3794	3706.4	8165.5
CIV PAY	4,551.2	5,606.2	2,806.0	4,097.6	2,645.0	3149.4	2934.7	6628.9
NET	768.5	693.8	822.6	711.1	1,993.3	644.6	771.7	1,536.6
TOTAL	10,324.5	14,231.0	9,573.8	11,567.8	13,052.7	10,688.8	6,747.4	17,895.1
CIV PAY	6,674.0	9,891.3	5,961.8	6,122.9	5,792.2	6,818.2	3,822.1	11,219.2
NET	3,650.5	4,339.7	3,612.0	5,444.9	7,260.5	3,870.6	2,925.3	6,675.9
TOT 55356	89.7	334.9	176.9	773.9	432.5	499.0	67.2	327.2
CIV PAY	0.0	0.0	0.0	0.0	0.0	26.6	9.4	0
NET	89.7	334.9	176.9	773.9	432.5	472.4	57.8	327.2
GRAND TOTAL	10,414.2	14,565.9	9,750.7	12,341.7	13,485.2	11,187.8	6,814.6	18,222.3
CIV PAY	6,674.0	9,891.3	5,961.8	6,122.9	5,792.2	6,844.8	3,831.5	11,219.2
NET TOTAL	3,740.2	4,674.6	3,788.9	6,218.8	7,693.0	4,343.0	2,983.1	7,003.1

FY93	GTR PITT OBAN 30	O'HARE OBAN 42	GEN MITCHELL OBAN 46	MINN-ST PAUL OBAN 47	NIAGARA FALLS OBAN 48	YOUNGSTOWN OBAN 40	WILLOW GROVE OBAN 38	DOBBINS OBAN 31
TOT 55394						0.1		
CIV PAY						0		
NET	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
TOT 55376	596.7		338.7	479.3	376.1	758.2		65
CIV PAY	0.0		0.0	0.0	0.0	0		0
NET	596.7	0.0	338.7	479.3	376.1	758.2	0.0	65.0
TOT 55378	3,325.4	1,259.6	1,761.7	3,962.1	1,244.4	4424.3	683.6	2069.2
CIV PAY	1,591.9	0.0	1,205.0	1,371.4	0.0	3018.6	0.1	0
NET	1,733.5	1,259.6	556.7	2,590.7	1,244.4	1,405.7	683.5	2,069.2
TOT 55395	769.7	645.6	2,299.9	1,386.1	1,045.8	521.2	907.4	2739.6
CIV PAY	384.0	238.1	286.9	48.5	478.8	299.8	398.3	93.9
NET	385.7	407.5	2,013.0	1,337.6	567.0	221.4	509.1	2,645.7
TOT 55396	6,968.6	13,980.8	7,470.5	4,907.1	10,897.5	5903.3	5892.9	19800.5
CIV PAY	5,151.3	9,701.8	5,448.4	3,282.6	5,410.8	3929.3	3674.5	12373.7
NET	1,817.3	4,279.0	2,022.1	1,624.5	5,486.7	1,974.0	2,218.4	7,426.8
TOTAL	11,660.4	15,886.0	11,870.8	10,734.6	13,563.8	11,607.1	7,483.9	24,674.3
CIV PAY	7,127.2	9,939.9	6,940.3	4,702.5	5,889.6	7,247.7	4,072.9	12,467.6
NET	4,533.2	5,946.1	4,930.5	6,032.1	7,674.2	4,359.4	3,411.0	12,206.7
TOT 55356	185.2	490.1	210.7	336.9	362.1	263.9	94.4	270.9
CIV PAY	0.0	23.3	46.4	0.0	0.0	57.9	53.8	0
NET	185.2	466.8	164.3	336.9	362.1	206.0	40.6	270.9
GRAND TOTAL	11,845.6	16,376.1	12,081.5	11,071.5	13,925.9	11,871.0	7,578.3	24,945.2
CIV PAY	7,127.2	9,963.2	6,986.7	4,702.5	5,889.6	7,305.6	4,126.7	12,467.6
NET TOTAL	4,718.4	6,412.9	5,094.8	6,369.0	8,036.3	4,565.4	3,451.6	12,477.6

FY 94	GTR PITT OBAN 30	O'HARE OBAN 42	GEN MITCHELL OBAN 46	MINN-ST PAUL OBAN 47	NIAGARA FALLS OBAN 48	YOUNGSTOWN OBAN 40	WILLOW GROVE OBAN 38	DOBBINS OBAN 31
TOT 55376	1,319.3	461.0	647.6	744.8	258.8	780.4	522.6	1025.9
CIV PAY	0.0	0.0	0.0	0.0	0.0	0	0	0
NET	1,319.3	461.0	647.6	744.8	258.8	780.4	522.6	1,025.9
TOT 55378	2,356.9	1,672.3	1,931.6	1,103.1	1,653.7	2494.7	497.9	3168.1
CIV PAY	1,332.0	0.0	1,367.7	0.0	0.0	1568.6	36.8	26.2
NET	1,024.9	1,672.3	563.9	1,103.1	1,653.7	926.1	461.1	3,141.9
TOT 55395	816.1	496.3	1,780.0	1,518.8	1,197.7	492.6	563.4	914.7
CIV PAY	337.3	192.6	364.1	51.2	432.6	298.7	422.4	100.5
NET	478.8	303.7	1,415.9	1,467.6	765.1	193.9	141.0	814.2
TOT 55396	7,160.1	12,842.8	9,013.6	8,507.5	11,926.6	7391.1	6151.2	16920.9
CIV PAY	5,356.4	9,657.9	7,004.7	6,457.4	6,153.2	5753.9	4010.5	12743.4
NET	1,803.7	3,184.9	2,008.9	2,050.1	5,773.4	1,637.2	2,140.7	4,177.5
TOTAL	11,652.4	15,472.4	13,372.8	11,874.2	15,036.8	11,158.8	7,735.1	22,029.6
CIV PAY	7,025.7	9,850.5	8,736.5	6,508.6	6,585.8	7,621.2	4,469.7	12,870.1
NET	4,626.7	5,621.9	4,636.3	5,365.6	8,451.0	3,537.6	3,265.4	9,159.5
TOT 55356	682.2	263.4	180.3	529.6	1,902.6	1,261.9	111.5	1,168.9
CIV PAY	0.0	36.0	57.7	0.0	0.0	62.7	57.5	5.5
NET	682.2	227.4	122.6	529.6	1,902.6	1,199.2	54.0	1,163.4
GRAND TOTAL	12,334.6	15,735.8	13,553.1	12,403.8	16,939.4	12,420.7	7,846.6	23,198.5
CIV PAY	7,025.7	9,886.5	8,794.2	6,508.6	6,585.8	7,683.9	4,527.2	12,875.6
NET TOTAL	5,308.9	5,849.3	4,758.9	5,895.2	10,353.6	4,736.8	3,319.4	10,322.9

Document Separator



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

#2

30 MAY 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

Defense Base Closure and Realignment Commission  
1700 North Moore Street  
Arlington, VA 22209

Dear Mr. Cirillo

This is in response to your letter of May 16, 1995 (Commission tasker #: 950517- 1, AF/RT: RT0519), requesting a COBRA run on closing Grand Forks and realigning two tanker squadrons from Grand Forks to Seymour Johnson AFB, NC and two tanker squadrons to MacDill AFB, FL. The realignment of one KC-135 squadron from Malmstrom to MacDill was assumed to have taken place first.

As with the DoD recommendation to realign Grand Forks AFB, the missile wing savings may not be considered in their entirety as BRAC costs and savings. The inactivation of a missile field has already been programmed in the Air Force budget.

Sincerely

JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachments:

1. Grand Forks COBRA
2. Electronic Copy

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Starting Year : 1996  
 Final Year : 1998  
 ROI Year : 2000 (2 Years)

NPV in 2015(\$K): -960,215  
 1-Time Cost(\$K): 215,250

Net Costs (\$K)	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	7,858	138,268	0	0	0	0	146,126	0
Person	0	6,351	-19,883	-66,496	-66,496	-66,496	-213,021	-66,496
Overhd	1,714	206	-15,474	-21,187	-21,187	-21,187	-77,117	-21,187
Moving	0	18,144	1,066	0	0	0	19,209	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,632	2,363	0	0	0	6,995	0
<b>TOTAL</b>	<b>11,572</b>	<b>165,601</b>	<b>-31,928</b>	<b>-87,684</b>	<b>-87,684</b>	<b>-87,684</b>	<b>-117,807</b>	<b>-87,684</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	134	0	0	0	134
Enl	0	0	1,550	0	0	0	1,550
Civ	0	0	122	0	0	0	122
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>1,806</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,806</b>

<b>POSITIONS REALIGNED</b>							
Off	0	382	0	0	0	0	382
Enl	0	1,885	0	0	0	0	1,885
Stu	0	0	0	0	0	0	0
Civ	0	333	0	0	0	0	333
<b>TOT</b>	<b>0</b>	<b>2,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,600</b>

Summary:

THIS COBRA RUN WAS REQUESTED BY THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION. IT DOES NOT REFLECT AIR FORCE POSITION Close Grand Forks AFB.

As with the DoD recommendation to realign Grand Forks AFB, the missile wing savings may not be considered in their entirety as BRAC costs and savings. The inactivation of a missile field has already been programmed in the Air Force budget.

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT195\COM-AUDIT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT195\RECOMEND\FINAL.SFF

Costs (\$K) Constant Dollars		Savings (\$K) Constant Dollars	
1996	1997	1996	1997
16,356	147,225	8,500	8,957
0	10,720	0	4,368
3,832	6,579	2,118	6,374
0	21,703	0	3,559
0	1,066	0	0
2,000	2,632	0	0
22,190	188,859	10,618	23,258
TOTAL		TOTAL	
1898	1997	1898	1997
20,615	20,133	40,499	40,499
6,865	3,424	22,339	22,339
1,066	0	0	0
0	0	0	0
0	0	0	0
2,363	30,909	62,838	62,838
13,557	13,557	101,241	101,241
1999	2000	1999	2000
10,133	10,133	76,630	76,630
3,424	3,424	24,611	24,611
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
6,895	282,631	400,437	400,437
22,769		104,665	104,665
27,548	3,424	274,757	274,757
3,424	10,133	17,457	17,457
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
13,557	13,557	101,241	101,241
Beyond	Total	Beyond	Total
1997	2001	1997	2001

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Year	Cost(\$)	Adjusted cost(\$)	NPV(\$)
1996	11,572,105	11,416,196	11,416,196
1997	165,600,809	158,997,285	170,413,481
1998	-31,928,453	-29,834,812	140,578,669
1999	-87,683,788	-79,741,224	60,837,446
2000	-87,683,788	-77,607,030	-16,769,584
2001	-87,683,788	-75,529,956	-92,299,541
2002	-87,683,788	-73,508,473	-165,808,014
2003	-87,683,788	-71,541,093	-237,349,108
2004	-87,683,788	-69,626,368	-306,975,476
2005	-87,683,788	-67,762,889	-374,738,365
2006	-87,683,788	-65,949,283	-440,687,648
2007	-87,683,788	-64,184,217	-504,871,866
2008	-87,683,788	-62,466,392	-567,338,258
2009	-87,683,788	-60,794,542	-628,132,799
2010	-87,683,788	-59,167,437	-687,300,237
2011	-87,683,788	-57,583,881	-744,884,117
2012	-87,683,788	-56,042,706	-800,926,824
2013	-87,683,788	-54,542,780	-855,469,603
2014	-87,683,788	-53,082,997	-908,552,601
2015	-87,683,788	-51,662,284	-960,214,885

**TOTAL ONE-TIME COST REPORT (COBRA v5.08)**  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	163,583,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		163,583,000
<b>Personnel</b>		
Civilian RIF	618,473	
Civilian Early Retirement	188,900	
Civilian New Hires	0	
Eliminated Military PCS	10,154,578	
Unemployment	106,488	
<b>Total - Personnel</b>		11,068,439
<b>Overhead</b>		
Program Planning Support	2,504,651	
Mothball / Shutdown	8,330,000	
<b>Total - Overhead</b>		10,834,651
<b>Moving</b>		
Civilian Moving	5,730,360	
Civilian PPS	1,065,600	
Military Moving	11,015,515	
Freight	3,257,232	
One-Time Moving Costs	1,700,000	
<b>Total - Moving</b>		22,768,707
<b>Other</b>		
HAP / RSE	995,332	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,000,000	
<b>Total - Other</b>		6,995,332
<b>Total One-Time Costs</b>		<b>215,250,129</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	8,500,000	
Family Housing Cost Avoidances	8,957,000	
Military Moving	3,559,190	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>21,016,190</b>
<b>Total Net One-Time Costs</b>		<b>194,233,939</b>

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
BASE X	0	0	0	0	0
MACDILL	74,043	0	0	0	74,043
GRAND FORKS	0	0	0	-17,457	-17,457
SEYMOUR JOHNSON	89,540	0	0	0	89,540
-----	-----	-----	-----	-----	-----
Totals:	163,583	0	0	-17,457	146,126

PERSONNEL SUMMARY REPORT (COBRA v5.08)  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

PERSONNEL REALIGNMENTS:

From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	110	0	0	0	0	110
Enlisted	0	587	0	0	0	0	587
Students	0	0	0	0	0	0	0
Civilians	0	294	0	0	0	0	294
TOTAL	0	991	0	0	0	0	991

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	110	0	0	0	0	110
Enlisted	0	587	0	0	0	0	587
Students	0	0	0	0	0	0	0
Civilians	0	294	0	0	0	0	294
TOTAL	0	991	0	0	0	0	991

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
846	3,850	0	11,749

PERSONNEL SUMMARY FOR: MACDILL, FL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
516	1,911	0	841

PERSONNEL REALIGNMENTS:

From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	109	0	0	0	0	109
Enlisted	0	584	0	0	0	0	584
Students	0	0	0	0	0	0	0
Civilians	0	14	0	0	0	0	14
TOTAL	0	707	0	0	0	0	707

TOTAL PERSONNEL REALIGNMENTS (Into MACDILL, FL):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	109	0	0	0	0	109
Enlisted	0	584	0	0	0	0	584
Students	0	0	0	0	0	0	0
Civilians	0	14	0	0	0	0	14
TOTAL	0	707	0	0	0	0	707

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
625	2,495	0	855

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: GRAND FORKS, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
719	3,888	0	587

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-68	-68	-67	0	0	0	-203
Enlisted	-167	-119	-167	0	0	0	-453
Students	0	0	0	0	0	0	0
Civilians	-6	-120	-6	0	0	0	-132
TOTAL	-241	-307	-240	0	0	0	-788

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
516	3,435	0	455

PERSONNEL REALIGNMENTS:

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	110	0	0	0	0	110
Enlisted	0	587	0	0	0	0	587
Students	0	0	0	0	0	0	0
Civilians	0	294	0	0	0	0	294
TOTAL	0	991	0	0	0	0	991

To Base: MACDILL, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	109	0	0	0	0	109
Enlisted	0	584	0	0	0	0	584
Students	0	0	0	0	0	0	0
Civilians	0	14	0	0	0	0	14
TOTAL	0	707	0	0	0	0	707

To Base: SEYMOUR JOHNSON, NC

	1996	1997	1998	1999	2000	2001	Total
Officers	0	163	0	0	0	0	163
Enlisted	0	714	0	0	0	0	714
Students	0	0	0	0	0	0	0
Civilians	0	25	0	0	0	0	25
TOTAL	0	902	0	0	0	0	902

TOTAL PERSONNEL REALIGNMENTS (Out of GRAND FORKS, ND):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	382	0	0	0	0	382
Enlisted	0	1,885	0	0	0	0	1,885
Students	0	0	0	0	0	0	0
Civilians	0	333	0	0	0	0	333
TOTAL	0	2,600	0	0	0	0	2,600

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-134	0	0	0	-134
Enlisted	0	0	-1,550	0	0	0	-1,550
Civilians	0	0	-122	0	0	0	-122
TOTAL	0	0	-1,806	0	0	0	-1,806

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario file : C:\COBRA\REPORT85\COM-AUDT\GRA13703.CBR  
 Std Fctrs file : C:\COBRA\REPORT85\RECOMEND\FINAL.SFF

BASE POPULATION (After BRAC Action):  
 Officers ----- 0  
 Students ----- 0  
 Civilians ----- 0

PERSONNEL SUMMARY FOR: SEYMOUR JOHNSON, NC

BASE POPULATION (FY 1996, Prior to BRAC Action):  
 Officers ----- 455  
 Enlisted ----- 3,625  
 Students ----- 0  
 Civilians ----- 569

PERSONNEL REALIGNMENTS:

From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	163	0	0	0	0	163
Enlisted	0	714	0	0	0	0	714
Students	0	0	0	0	0	0	0
Civilians	0	25	0	0	0	0	25
TOTAL	0	902	0	0	0	0	902

TOTAL PERSONNEL REALIGNMENTS (Into SEYMOUR JOHNSON, NC):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	163	0	0	0	0	163
Enlisted	0	714	0	0	0	0	714
Students	0	0	0	0	0	0	0
Civilians	0	25	0	0	0	0	25
TOTAL	0	902	0	0	0	0	902

BASE POPULATION (After BRAC Action):

Officers ----- 618  
 Enlisted ----- 4,339  
 Students ----- 0  
 Civilians ----- 594

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
	-----	-----	-----	-----	-----	-----	-----	-----
CIVILIAN POSITIONS REALIGNING OUT		0	333	0	0	0	0	333
Early Retirement*	10.00%	0	33	0	0	0	0	33
Regular Retirement*	5.00%	0	17	0	0	0	0	17
Civilian Turnover*	15.00%	0	50	0	0	0	0	50
Civs Not Moving (RIFs)*+		0	21	0	0	0	0	21
Civilians Moving (the remainder)		0	212	0	0	0	0	212
Civilian Positions Available		0	121	0	0	0	0	121
 CIVILIAN POSITIONS ELIMINATED		0	0	122	0	0	0	122
Early Retirement	10.00%	0	0	12	0	0	0	12
Regular Retirement	5.00%	0	0	6	0	0	0	6
Civilian Turnover	15.00%	0	0	18	0	0	0	18
Civs Not Moving (RIFs)*+		0	0	7	0	0	0	7
Priority Placement#	60.00%	0	0	73	0	0	0	73
Civilians Available to Move		0	0	6	0	0	0	6
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	6	0	0	0	6
 CIVILIAN POSITIONS REALIGNING IN		0	333	0	0	0	0	333
Civilians Moving		0	212	0	0	0	0	212
New Civilians Hired		0	121	0	0	0	0	121
Other Civilian Additions		0	0	0	0	0	0	0
 TOTAL CIVILIAN EARLY RETIRMENTS		0	33	12	0	0	0	45
TOTAL CIVILIAN RIFS		0	21	13	0	0	0	34
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	73	0	0	0	73
TOTAL CIVILIAN NEW HIRES		0	121	0	0	0	0	121

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

# Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996 -----	1997 -----	1998 -----	1999 -----	2000 -----	2001 -----	Total -----
<b>CONSTRUCTION</b>							
MILCON	16,358	147,225	0	0	0	0	163,583
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	0	382	238	0	0	0	618
Civ Retire	0	138	50	0	0	0	189
<b>CIV MOVING</b>							
Per Diem	0	487	0	0	0	0	487
POV Miles	0	41	0	0	0	0	41
Home Purch	0	2,204	0	0	0	0	2,204
HMG	0	1,480	0	0	0	0	1,480
Misc	0	148	0	0	0	0	148
House Hunt	0	440	0	0	0	0	440
PPS	0	0	1,066	0	0	0	1,066
RITA	0	930	0	0	0	0	930
<b>FREIGHT</b>							
Packing	0	616	0	0	0	0	616
Freight	0	1,305	0	0	0	0	1,305
Vehicles	0	990	0	0	0	0	990
Driving	0	346	0	0	0	0	346
Unemployment	0	66	41	0	0	0	106
<b>OTHER</b>							
Program Plan	1,083	812	609	0	0	0	2,505
Shutdown	2,749	2,749	2,832	0	0	0	8,330
New Hire	0	0	0	0	0	0	0
1-Time Move	0	1,700	0	0	0	0	1,700
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	707	0	0	0	0	707
POV Miles	0	609	0	0	0	0	609
HMG	0	8,112	0	0	0	0	8,112
Misc	0	1,587	0	0	0	0	1,587
<b>OTHER</b>							
Elim PCS	0	0	10,154	0	0	0	10,154
<b>OTHER</b>							
HAP / RSE	0	632	363	0	0	0	995
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	2,000	2,000	2,000	0	0	0	6,000
<b>TOTAL ONE-TIME</b>	<b>22,190</b>	<b>175,707</b>	<b>17,352</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>215,250</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

RECURRINGCOSTS	1986	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	406	406	406	406	1,623	406
BOS	0	3,018	3,018	3,018	3,018	3,018	15,091	3,018
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	10,133	10,133	10,133	10,133	10,133	50,667	10,133
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	13,151	13,557	13,557	13,557	13,557	67,380	13,557
TOTAL COST	22,190	188,859	30,909	13,557	13,557	13,557	282,631	13,557
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION								
MILCON	8,500	0	0	0	0	0	8,500	
Fam Housing	0	8,957	0	0	0	0	8,957	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	3,559	0	0	0	0	3,559	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	8,500	12,516	0	0	0	0	21,016	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	1,701	5,104	8,559	10,312	10,312	10,312	46,301	10,312
O&M								
RPMA	417	1,269	2,179	2,699	2,699	2,699	11,962	2,699
BOS	0	0	11,600	11,600	11,600	11,600	46,401	11,600
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	2,845	5,690	5,690	5,690	19,916	5,690
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	5,271	10,541	10,541	10,541	36,895	10,541
Enl Salary	0	0	28,015	56,029	56,029	56,029	196,103	56,029
House Allow	0	4,368	4,368	4,368	4,368	4,368	21,842	4,368
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	2,118	10,742	62,838	101,241	101,241	101,241	379,421	101,241
TOTAL SAVINGS	10,618	23,258	62,838	101,241	101,241	101,241	400,437	101,241

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	7,858	147,225	0	0	0	0	155,083	
Fam Housing	0	-8,957	0	0	0	0	-8,957	
<b>O&amp;M</b>								
Civ Retir/RIF	0	520	287	0	0	0	807	
Civ Moving	0	8,987	1,066	0	0	0	10,053	
Other	3,832	5,327	3,482	0	0	0	12,641	
<b>MIL PERSONNEL</b>								
Mil Moving	0	7,456	10,154	0	0	0	17,611	
<b>OTHER</b>								
HAP / RSE	0	632	363	0	0	0	995	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	2,000	2,000	2,000	0	0	0	6,000	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>13,690</b>	<b>163,191</b>	<b>17,352</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>194,234</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	-1,701	-5,104	-8,559	-10,312	-10,312	-10,312	-46,301	-10,312
<b>O&amp;M</b>								
RPMA	-417	-1,269	-1,774	-2,293	-2,293	-2,293	-10,340	-2,293
BOS	0	3,018	-8,582	-8,582	-8,582	-8,582	-31,311	-8,582
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-2,845	-5,690	-5,690	-5,690	-19,916	-5,690
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	-33,285	-66,571	-66,571	-66,571	-232,998	-66,571
House Allow	0	5,765	5,765	5,765	5,765	5,765	28,825	5,765
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>-2,118</b>	<b>2,409</b>	<b>-49,281</b>	<b>-87,684</b>	<b>-87,684</b>	<b>-87,684</b>	<b>-312,041</b>	<b>-87,684</b>
<b>TOTAL NET COST</b>	<b>11,572</b>	<b>165,601</b>	<b>-31,928</b>	<b>-87,684</b>	<b>-87,684</b>	<b>-87,684</b>	<b>-117,807</b>	<b>-87,684</b>

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
BASE X	991	6%	0	0%	0
MACDILL	707	22%	353,550	8%	500
GRAND FORKS	-4,406	-100%	-6,664,000	-100%	1,512
SEYMOUR JOHNSON	902	18%	401,350	8%	445

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
BASE X	0	0%	0	849,491	3%	857
MACDILL	195,588	7%	277	1,294,671	11%	1,831
GRAND FORKS	-2,699,000	-100%	612	-11,600,318	-100%	2,633
SEYMOUR JOHNSON	210,084	8%	233	873,966	10%	969

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
BASE X	849,491	3%	857
MACDILL	1,490,259	10%	2,108
GRAND FORKS	-14,299,318	-103%	3,245
SEYMOUR JOHNSON	1,084,050	9%	1,202

RPMA/BOS CHANGE REPORT (COBRA v5.08)  
Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
Option Package : Grand Forks Comm  
Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-417	-1,269	-1,774	-2,293	-2,293	-2,293	-10,340	-2,293
BOS Change	0	3,018	-8,582	-8,582	-8,582	-8,582	-31,311	-8,582
Housing Change	-1,701	-5,104	-8,559	-10,312	-10,312	-10,312	-46,301	-10,312
TOTAL CHANGES	-2,118	-3,355	-18,915	-21,187	-21,187	-21,187	-87,951	-21,187

INPUT DATA REPORT (COBRA v5.08)  
 Data As Of 17:08 05/30/1995, Report Created 17:08 05/30/1995

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
BASE X	Realignment
MACDILL, FL	Realignment
GRAND FORKS, ND	Closes in FY 1998
SEYMOUR JOHNSON, NC	Realignment

Summary:

-----  
 THIS COBRA RUN WAS REQUESTED BY THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION. IT DOES NOT REFLECT AIR FORCE POSITION  
 Close Grand Forks AFB.

As with the DoD recommendation to realign Grand Forks AFB, the missile wing savings may not be considered in their entirety as BRAC costs and savings. The inactivation of a missile field has already been programmed in the Air Force budget.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
BASE X	GRAND FORKS, ND	1,000 mi
MACDILL, FL	GRAND FORKS, ND	1,868 mi
GRAND FORKS, ND	SEYMOUR JOHNSON, NC	1,590 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from GRAND FORKS, ND to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	110	0	0	0	0
Enlisted Positions:	0	587	0	0	0	0
Civilian Positions:	0	294	0	0	0	0
Student Positions:	0	0	0	0	0	0
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

Transfers from GRAND FORKS, ND to MACDILL, FL

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	109	0	0	0	0
Enlisted Positions:	0	584	0	0	0	0
Civilian Positions:	0	14	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	1,000	0	0	0	0
Suppt Eqpt (tons):	0	500	0	0	0	0
Military Light Vehicles:	0	233	0	0	0	0
Heavy/Special Vehicles:	0	204	0	0	0	0

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from GRAND FORKS, ND to SEYMOUR JOHNSON, NC

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	163	0	0	0	0
Enlisted Positions:	0	714	0	0	0	0
Civilian Positions:	0	25	0	0	0	0
Student Positions:	0	0	0	0	0	0
Miscn Eqpt (tons):	0	1,000	0	0	0	0
Suppt Eqpt (tons):	0	500	0	0	0	0
Military Light Vehicles:	0	233	0	0	0	0
Heavy/Special Vehicles:	0	205	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BASE X

Total Officer Employees:	736	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,263	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,455	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	66	Activity Code:	AFX
Enlisted VHA (\$/Month):	50		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: MACDILL, FL

Total Officer Employees:	516	RPMA Non-Payroll (\$K/Year):	2,778
Total Enlisted Employees:	1,911	Communications (\$K/Year):	1,198
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	10,408
Total Civilian Employees:	841	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	20.0%	Family Housing (\$K/Year):	6,132
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.80
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,658	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	194	Activity Code:	AF094
Enlisted VHA (\$/Month):	137		
Per Diem Rate (\$/Day):	83	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: GRAND FORKS, ND

Total Officer Employees:	719	RPMA Non-Payroll (\$K/Year):	2,699
Total Enlisted Employees:	3,888	Communications (\$K/Year):	907
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,768
Total Civilian Employees:	587	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	72.0%	Family Housing (\$K/Year):	10,312
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.98
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,664	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF031
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	72	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

(See final page for Explanatory Notes)

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SEYMOUR JOHNSON, NC

Total Officer Employees:	455	RPMA Non-Payroll (\$K/Year):	2,751
Total Enlisted Employees:	3,625	Communications (\$K/Year):	1,006
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	7,691
Total Civilian Employees:	569	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	47.0%	Family Housing (\$K/Year):	9,762
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.74
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,874	CHAMPUS Shift to Medicare:	20.9%
Officer YHA (\$/Month):	45	Activity Code:	AF079
Enlisted YHA (\$/Month):	59		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

(See final page for Explanatory Notes)

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: BASE X

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: MACDILL, FL

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Department : Air Force

Option Package : Grand Forks Comm

Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR

Std Fctrs File : C:\COBRA\REPORT95\RECOMMEND\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	2,000	2,000	2,000	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	1,700	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-Milcon Reqrd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	100%	0%	0%	0%	0%	0%
ShutDown Schedule (%):	33%	33%	34%	0%	0%	0%
Milcon cost Avoidnc(\$K):	8,500	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	8,957	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil Shutdown(KSF):	6,664	0	0	0	0	0

Name: SEYMOUR JOHNSON, NC

	1996	1997	1998	1999	2000	2001
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 Reqrd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
ShutDown Schedule (%):	100%	0%	0%	0%	0%	0%
Milcon cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil Shutdown(KSF):	0	0	0	0	0	0

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-68	-68	-67	0	0	0
Ent Force Struc Change:	-167	-119	-167	0	0	0
Civ Force Struc Change:	-6	-120	-6	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-134	0	0	0
Ent Scenario Change:	0	0	-1,550	0	0	0
Civ Scenario Change:	0	0	-122	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Ent Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MACDILL, FL

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Pavements	HORIZ	40,000	0	2,030
Maint	OTHER	181,000	0	19,380
POL	OTHER	0	0	21,203
Ops and Traing	OTHER	131,250	0	15,880
Dining	OTHER	6,100	0	1,210
Dorms	BACHQ	35,200	0	5,600
BOS	OTHER	0	0	2,550
P&D	OTHER	0	0	6,190

Name: SEYMOUR JOHNSON, NC

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Pavement	HORIZ	0	0	12,000
Maint	OTHER	261,000	0	29,890
POL	OTHER	0	0	15,470
Ops/Trng	OTHER	112,250	0	14,130
Dining	OTHER	4,500	0	860
Dorms	BACHQ	23,600	0	2,330
BOS	OTHER	0	0	7,470
P&D	OTHER	0	0	7,390

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
		2000: 3.00%	2001: 3.00%

Department : Air Force  
 Option Package : Grand Forks Comm  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\GRA13703.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	8,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

EXPLANATORY NOTES (INPUT SCREEN NINE)

4. 1/2/123 added to Grand Forks AFB for tenants

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

May 24, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

160  
Please refer to this number  
when responding 950524-13

Dear General Blume:

The attached information has been brought to the attention of the Commission. The data appears to be applicable to the BRAC process in that it identifies facility problems and impacts on mission capability. Of particular concern is the chart titled "95 CFA Ratings Matrix By Mission Element," which summarizes the Youngstown facilities as Unsatisfactory. Please comment on whether or not the information was used in the Air Force BRAC process and if it is a valid factor for the Commission to use in our assessment of military value of the installations under consideration. Request your response by June 5, 1995.

Your continued support and cooperation are greatly appreciated.

Sincerely,

Francis A. Cirillo, Jr., PE  
Air Force Team Leader

Attachment

Document Separator

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION  
 EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950524-13

FROM: CIRILLO, FRANK	TO: BLUME, WY
TITLE: AIR FORCE TEAM LEADER	TITLE: SPECIAL ASST
ORGANIZATION: DBCRC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (S) DISCUSSED:	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INIT	COMMISSION MEMBERS	FYI	ACTION	INIT
CHAIRMAN DIXON				COMMISSIONER CORNELIA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR	✓			COMMISSIONER DAVIS			
GENERAL COUNSEL	✓			COMMISSIONER KLING			
MILITARY EXECUTIVE				COMMISSIONER MONTYA			
DIR./CONGRESSIONAL LIAISON				COMMISSIONER ROBLES			
				COMMISSIONER STEELE			
DIR./COMMUNICATIONS				REVIEW AND ANALYSIS			
				DIRECTOR OF R & A	✓		
EXECUTIVE SECRETARIAT				ARMY TEAM LEADER			
				NAVY TEAM LEADER			
DIRECTOR OF ADMINISTRATION				AIR FORCE TEAM LEADER	✓		
				INTERAGENCY TEAM LEADER	✓		
CHIEF FINANCIAL OFFICER				CROSS SERVICE TEAM LEADER			
DIRECTOR OF TRAVEL							
DIR./INFORMATION SERVICES							

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature		Prepare Reply for Commissioner's Signature
Prepare Reply for Staff Director's Signature		Prepare Direct Response
ACTION: Offer Comments and/or Suggestions	✓	FYI

Subject/Remarks:

FORWARDING INFO AND REQUESTING COMMENTS!  
 1) Q5 CFA RATINGS MATRIX BY MISSION ELEMENT!

Due Date:

Routing Date: 950524

Date Originated: 950524

Mail Date: 950524



DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESERVE



MEMORANDUM FOR SEE DISTRIBUTION

02 MAY 1995

FROM: HQ AFRES/CE  
155 2nd Street  
Robins AFB GA 31098-1635

SUBJECT: Command Facilities Board (CFB) 31 March 1995 Meeting Minutes

1. The CFB met 31 Mar 95 with the AFRES/CC, AFRES/CV, 4 AF/CC, 10 AF/CC (via TNET), 22 AF/CC, and key staff members attending (Atch 1).
2. The CFB members reviewed the action items from the 13 Dec 94 CFB and were given updates on the FY96-99 Military Construction (MILCON) Program, the FY96-00 P-341 program, the Commanders' Facility Assessment (CFA) initial results, and the Base Realignment and Closure (BRAC) announcement impact on current construction.
  - a. Five action items from the 13 Dec 94 CFB (Atch 2) were reviewed. The initial 1995 CFA data is under review by the HQ AFRES/CE staff. The AFRES host bases have reported their CFA data and the tenant data is due in from the other MAJCOM hosts by mid-April. The FY97-98 MILCON and FY97 P-341 project lists will be checked for Level I status rating. It is very possible in the near future that project funds could be managed and released by status Level rating. Level II & III projects in the next immediate years (FY97-98) could possibly be displaced by Level I projects in the outyears (FY99-01) during future budget review processes.
  - b. The FY96 MILCON Program (Atch 3) remains the same. It is locked down in the Congressional budget submission and was shown for reference only.
  - c. The Facility Panel recommended several changes in the FY97 MILCON Program (Atch 4) to the CFB. The Maxwell Aircraft Maintenance Hangar cost estimates increased from \$5.5M to \$7.2M, breaking the \$13.2M Total Obligation Authority (TOA) current mission budget limit. To rebalance the FY97 TOA, the Facility Panel moved the Maxwell Hangar to FY98, and moved the top three FY98 projects up to FY97: Kelly Aerial Port Training, Scott Consolidated Medical Training, and the Dobbins Add/Alter Communication facilities. The CFB approved the recommendations. HQ AFRES/CE noted he was working temporary facility funding issues for the new mission project at McConnell with HQ USAF/REC and HQ AFRES/FM. Subsequent to the CFB, the AFRES Financial Management Board approved \$600K for this requirement and HQ USAF/REC provided a signed memo to HQ AFRES/CE documenting Air Staff approval to use O&M funds to buy the required modular facilities.

d. The Facility Panel recommended several changes in the FY98 MILCON Program (Atch 5) to the CFB. The Andrews Wing Headquarters cost estimates increased from \$1.9M to \$3.7M, breaking the \$18.7M TOA current mission budget limit. To rebalance the FY98 TOA, the Facility Panel moved the Andrews HQ to FY99. The Facility Panel also recommended that the CEP and XPX staffs meet with HQ AETC and wing representatives at Maxwell to resolve the remaining \$0.8M TOA shortage resulting from the utility/siting costs of the two Maxwell projects. There is still time in the FY98 budget cycle to resolve these two project cost issues before having to take the Facility Panel alternate recommendation of moving the Little Rock Aerial Port project to FY99. And finally for FY98, if the BRAC 95 candidate list is approved, the Bergstrom environmental project for the Fire Fighter Training will be replaced by the General Mitchell Underground Storage Tank project. The CFB approved the recommendations as noted.

e. The CFB discussed the FY99 impact of now having two headquarters facility projects in one FY that total about 60 percent of the TOA. Recognizing the budget risk during staff reviews at the Office of the Secretary of Defense (OSD), Comptroller as well as Congress, the CFB moved the Andrews Wing HQ project to FY00 and inserted the new mission Add/Alter Hangar project at Tinker into the current mission budget. The CFB approved these changes to the FY99 (Atch 6) and FY00 (Atch 7) programs.

f. The CFB discussed the continuing need to support the unfunded New Mission MILCON projects that are not in any FY program. These projects (reference Atchs 5 & 6 to the CFB 13 Dec 94 Meeting Minutes letter dated 20 Jan 95) have no visibility in the existing budget program except for the variances of the Congressional insert environment. To remain viable they need program year visibility for potential add support or as requirements validation for new mission money. The CFB agreed to place those projects in Current Mission FY01 (Atch 8).

g. The impacts of BRAC 95 to the P-341 program were briefed (Atch 9). If the BRAC 95 Candidate List is approved, six Pittsburgh projects in FY96-00 will be replaced by the existing next-in-sequence project priorities. Other CFB discussions identified the need to insert the Headquarters Robins P-341 project at the top of the FY96 list. If Pittsburgh comes off the BRAC 95 list, their projects will be reinserted back into the "before" BRAC 95 priority sequence with their FY96 project following the Robins Headquarters project. Approved by the CFB as noted.

h. The initial CFA status (Atch 10) was presented by Col Munter (CE).

i. BRAC construction status (Atch 11) was presented by Lt Col Stark (CEC).

3. The CFB approved the FY97-99 MILCON program lists and the FY96 P-341 program list, amended as noted in these minutes to show pending priority sequences (Atch 12).

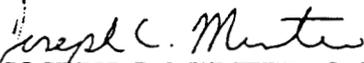
4. Taskings by the CFB:

- a. Verify the CFA "Levels" of the FY96-98 MILCON and P-341 projects. OPR: CE
- b. Investigate the new AFRES civil engineer facility at Davis Monthan for use as the Squadron Operations Facility, either as an interim facility until a future MILCON project is funded or as the permanent solution. OPR: CE and 305 RQS/CC
- c. Send CFA data slides on specific results to RE NLT 12 Apr. OPR: CE  
ACTION: Closed. Three slides were sent 6 Apr.
- d. Place all Unfunded New Mission MILCON projects not currently listed in any FY into the FY01 current mission funding program. This action will reflect AFRES support to Congressional staff that the projects (typically force structure driven) are valid and required, yet have to wait an excessive amount of time for funding. ACTION: Closed. (See Atch 8)
- e. Provide NAFs the CFA data, to include tenant results. OPR: CE
- f. Attempt to fund design of the Barksdale Medical Training Facility. OPR: CE
- g. Place the MILCON/P-341 scoring procedure in an annex to the AFRES Long Range Plan. OPR: CE and QI
- h. Investigate retaining trailers for the MacDill Aeromed Group. OPR: CE and SG
- i. If O'Hare remains in place after the final BRAC 95 announcement, the CFB will evaluate the O'Hare project status for priority placements in the MILCON and P-341 programs. OPR: CE
- j. Plan the next CFB meeting as a summer, Post-BRAC 95 announcement meeting. OPR: CE

5. **Post CFB Meeting Updates:** On 6 Apr, AFRES/CE received a response from HQ AMC/CE on our request for funding candidate projects from their Defense Business Operating Fund - Transportation (DBOF-T) account. The projects were the Kelly Ops, Charleston Maintenance Ops, Westover Avionics, and Westover Hangar. Three projects were disapproved due to incompatible real property category codes and one for having a non-strategic airlift element in the work scope. According to HQ AMC/FM, projects for associate units cannot be undertaken since AFRES associate facilities are coded "training" in the real property records and DBOF-T funding criteria does not allow spending these funds on training facilities. They went on to note that reimbursement for strategic airlift missions with AFRES unit-equipped aircraft includes a facility component. HQ AFRES/FM

validated that the reimbursement does include these funds (estimated at \$500K for FY95) and that FM passes this on to CE as part of the budget makeup. The next step will be to determine if the real property category codes on associate facilities can be changed.

6. The CFB point of contact is Lt Col Ken Werner, CEP, 497-1050.

  
JOSEPH C. MUNTER, Colonel, USAF  
The Civil Engineer

Approved by:

  
JAMES E. SHERRARD III, Maj Gen, USAF  
Vice Commander

Attachments:

1. CFB Data (3 pgs)
2. Action Items (6 pgs)
3. FY96 MILCON
4. FY97 MILCON
5. FY98 MILCON
6. FY99 MILCON
7. FY00 MILCON
8. FY01 MILCON
9. FY96-00 P-341 Program (3 pgs)
10. CFA Initial Data (2 pgs)
11. BRAC Construction Status (5 pgs)
12. Summary/Recommendation (2 pgs)

DISTRIBUTION:

HQ AFRES/CC/CV/CVA/LG/XP/DO/SG/DP/FM/SC/SV/SP  
HQ USAF/REX  
4 AF/CC  
10 AF/CC  
22 AF/CC  
All Wing/CCs  
All AFRES BCEs

## MEETING GUIDE

**Meeting Name:** Command Facility Board  
**Date/Time:** 31 Mar 95, 0800-0930  
**Location:** Robins Room 3 (TNET), Bldg 220, Robins AFB GA

- Objectives:**
- (1) Review Dec 94 meeting action items
  - (2) Review Post BRAC 95 MILCON and P-341 programs
  - (3) Approve the FY97-99 MILCON project list
  - (4) Approve the FY96 P-341 project list
  - (5) Provide updates on Commanders' Facility Assessment
  - (6) Review BRAC impact on construction

**Leader:** Maj Gen Robert A. McIntosh    **Facilitator:** Maj Gen James E. Sherrard III  
**Scribe:** Mr Ron Scandlyn (CEPD)    **Timekeeper:** Mr Bobby Clary  
**Briefer:** LTC Ken Werner

**Facility Board Members:** CC, CV, 4AF/CC, 10AF/CC (via TNET), 22AF/CC

**Other Attendees:** CVA, CE, DO, DP, FM, LG, SG, SP, SV, XP

AGENDA	IS/IP	PRI	TIME RQD	CLOCK TIME
Set roles, agenda items, IS/IP, priorities, times	IP	1	5	0800
Review Action Items	IP	2	15	0805
FY96-99 MILCON	IP	3	20	0820
P-341 Program	IP	4	10	0840
Commanders' Facility Assessment	IS	5	10	0850
BRAC Impact on Construction	IS	6	20	0900

WRAP UP	IP		10	0920
Loose Ends				
Tasking				
Stop Time:				0930

*2/21/1*

Document Separator



**COMMAND FACILITY BOARD (CFB)**  
**31 MAR 95**

**PRESENTED BY**  
**LT COL KEN WERNER**

# OVERVIEW

- ACTION ITEM REVIEW
- POST-BRAC MILCON & P- 341 PROGRAM UPDATE
- COMMANDERS' FACILITY ASSESSMENT (CFA) UPDATE
- BRAC IMPACT ON CONSTRUCTION

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5

## CFB ACTION ITEM REVIEW

- **TASKING:** Pursue Execution of Kingston Regional Airport Project (FY95 MILCON, \$5M)
- **OPR:** HQ AFRES/CEP
- **STATUS:** (OPEN) CE & REXR met with airport officials 1 Mar 95. SAF/MI 17 Mar 95 letter to SAF/GCN supported Joint Agreement with Airport Authority.
- **RECOMMENDATION:** After GCN approval, finalize the Agreement and schedules with Airport Authority (ECD 15 May 95)

next

# CFB ACTION ITEM REVIEW

- **TASKING:** Investigate AFRES use of portable fire training facility/system used at Bangor, Maine
- **OPR:** HQ AFRES/CEXF
- **STATUS:** (OPEN) Initial staff review recommended no AFRES application. CV requested relook at 15 Feb 95 AFRES EPC. CEXF to visit a similar facility site (Great Falls MT) 9 Apr 95.
- **RECOMMENDATION:** CEXF brief CV on findings NLT week of 15 May 95 (ECD 24 May 95)

## **CFB ACTION ITEM REVIEW**

- **TASKING:** Revisit New Mission Strategy after BRAC 95 announcement
- **OPR:** HQ AFRES/CE, HQ USAF/REXR
- **STATUS:** (CLOSED, line item status on separate handout)

# UNFUNDED NEW MISSION STRATEGY

<u>BASE</u>	<u>PROJECT</u>	<u>\$M</u>	<u>FUND SOURCE</u>
TINKER	ALTER COMMAND POST	0.5	FY95 P-341
SEYMOUR	ADAL FACILITIES	0.9	FY95 O&M/P-341
SEYMOUR	SQ OPS/CLASSROOMS	0.6	FY94 P-341/FY95 O&M
SEYMOUR	BASE WAREHOUSE	0.8	FY96 P-341
SELFRIDGE	FUELS MAINT HANGAR	6.0	FY96 Congressional Add
DAVIS MONT	SQUADRON OPS	2.4	FY96 Congressional Add
SITE 9	ADAL FACILITIES	2.5	Pending Announcement
SITE 9	UNSCHEDULED MAINT DOCK	3.7	Pending Announcement
SITE 9	FUEL MAINT DOCK	4.7	Pending Announcement
YOUNGSTOWN	FLIGHTLINE FACILITIES	0.6	FY95 P-341
YOUNGSTOWN	VEHICLE MAINT SHOP	0.8	FY95 P-341
BEALE	ALTER BOS FACILITIES	2.1	BRAC 93 Funding
WHITEMAN	SQUADRON OPERATIONS	0.1	FY95 O&M

# CFB ACTION ITEM REVIEW

- **TASKING:** Pursue obtaining ANG facilities at Dobbins for AFRES use
- **OPR:** HQ AFRES/CEP
- **STATUS:** (CLOSED) 94 SPTG/CC working a formal space occupancy reuse plan between all parties
- **RECOMMENDATION:** 94 SPTG/CC will complete the actions on reuse plan

## CFB ACTION ITEM REVIEW

- **TASKING:** NAFs and Wing CCs insure that CFA correlates to project priorities in MILCON & P-341 programs
- **OPR:** NAF/CCs, Wing/CCs
- **STATUS:** (OPEN) CFA Host base data received. Active duty delayed final report to 16 APR 95. Waiting for tenant data from host MAJCOMs.
- **RECOMMENDATION:** Continue analysis (ECD 31 May 95)

# FY 96 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
NM	YOUNGSTOWN	AIRCRAFT PARKING APRON	3,350
NM	YOUNGSTOWN	ADAL ELECTRICAL SUBSTATION	<u>4,230</u>
		<i>TOTAL NEW MISSION</i>	<i>7,580</i>
CM/1	MAXWELL	COMPOSITE MAINT FAC	3,608
CM/2	NIAGARA	FUELS SYS MAINT HANGAR	<u>4,895</u>
		<i>TOTAL CURRENT MISSION</i>	<i>8,503</i>
ENV	MARCH	FIRE TRAINING FAC	1,550
ENV	GRISSOM	FIRE TRAINING FAC	1,500
ENV	YOUNGSTOWN	UPGRADE BASE WATER DIST SYS	<u>1,000</u>
		<i>TOTAL ENVIRONMENTAL</i>	<i>4,050</i>
		<i>TOTAL FY 96 MILCON</i>	<i>20.133</i>

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# FY 97 MILCON PROGRAM

<i>MSN/PRI</i>	<i>BASE</i>	<i>PROJECT</i>	<i>(\$000)</i>
NM	MCCONNELL	KC-135 CONVERSION	<u>5,000</u>
		<b>TOTAL NEW MISSION</b>	<b>5,000</b>
CM/1	PETERSON	COMPOSITE MAINT FAC	3,150
CM/2	GEN MITCHELL	MEDICAL TRAINING FAC	2,300
CM/3	ANDREWS	CONSOLIDATED MED TRNG FAC	2,600
CM/4	KELLY	AERIAL PORT TRAINING FAC	2,100
CM/5	SCOTT	CONOLIDATED MED TRAINING FAC	2,200
CM/6	DOBBINS	ADAL RES ELECT-COMM FAC	<u>900</u>
		<b>TOTAL CURRENT MISSION</b>	<b>13,250</b>
ENV	HOMESTEAD	FIRE TRAINING FAC	1,300
ENV	NIAGARA	FIRE TRAINING FAC	1,600
ENV	YOUNGSTOWN	FIRE TRAINING FAC	1,500
ENV	GEN MITCHELL	IMPROVE STORM DRAINAGE SYS	<u>950</u>
		<b>TOTAL ENVIRONMENTAL</b>	<b>5,350</b>
		<b>TOTAL FY 97 MILCON</b>	<b>23,600</b>

# FY 98 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>\$(000)</u>
CM/1	MAXWELL	AIRCRAFT MAINT HANGAR	7,200
CM/2	NIAGARA	CONSOLIDATED TRNG FAC	1,900
CM/3	GEN MITCHELL	AERIAL PORT TRAINING FAC	4,000
CM/4	MAXWELL	LG COMPLEX	3,900
CM/5	LITTLE ROCK	AERIAL PORT TRAINING FAC	<u>1,750</u>
		<b>TOTAL CURRENT MISSION</b>	<b>18,750</b>
		<b>CM TOA SHORTAGE</b>	<b><u>812</u></b>
		<b>CM TOA</b>	<b>17,938</b>
ENV	BERGSTROM	FIRE FIGHTER TRAINING FAC	1,000
ENV	WILLOW GROVE	STORM DRAINAGE	2,100
ENV	YOUNGSTOWN	APRON RUNOFF	<u>1,200</u>
		<b>TOTAL ENVIRONMENTAL</b>	<b>4,300</b>
		<b>TOTAL FY 98 MILCON</b>	<b>22,238</b>

# FY 99 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>	
*	NM	TINKER	ADAL AIRCRAFT HANGAR	3,200
	CM/1	ROBINS	RENOVATE AFRES HQ (BLDG 210)	9,900
	CM/2	GEN MITCHELL	ADAL COMPOSITE TRAINING FAC	2,000
	CM/3	DOBBINS	AERIAL PORT TRAINING FAC	3,330
	CM/4	MINN/ST PAUL	COMPOSITE TRAINING FAC	4,000
			<b>TOTAL CURRENT MISSION</b>	<b>22,430</b>
			<b>CURRENT MISSION TOA</b>	<b>22,649</b>
	ENV	DOBBINS	UPGRADE STORM SEWER	1,100
	ENV	WILLOW GROVE	UPGRADE SANITARY SEWER	1,500
			<b>TOTAL ENVIRONMENTAL</b>	<b>2,600</b>
			<b>TOTAL FY 99 PROGRAM</b>	<b>25,249</b>

\* 31 Mar 95 Facility Board change

# FY 00 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
* CM/1	ANDREWS	ALTER WING HQ	3,700
CM/2	KEESLER	C-130 MAINT HANGAR	4,050
CM/3	KELLY	WING HQ FAC	2,950
CM/4	LUKE	CES TRAINING FAC	1,250
CM/5	NIAGARA	BCE ADMIN FAC	1,000
CM/6	CHARLESTON	AERIAL PORT TRAINING FAC	2,450
CM/7	PITTSBURGH	AEROMEDICAL TRAINING FAC	1,100
CM/8	WILLOW GROVE	CONSOLIDATED TRAINING FAC	1,900
CM/9	GEN MITCHELL	VEHICLE OPS FAC	3,300
CM/10	WESTOVER	VEHICLE MAINT COMPLEX	<u>4,500</u>
		<b>TOTAL CURRENT MISSION</b>	<b>26,200</b>
		<b>CURRENT MISSION TOA</b>	<b>26,191</b>

\* 31 Mar 95 Facility Board change

# FY 01 MILCON PROGRAM

<u>MSN*/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
NM/1	TINKER	FUELS MAINT HANGAR	4,800
NM/2	TINKER	SQUADRON OPS FAC	3,900
NM/3	SELFRIDGE	FUELS SYS MAINT HANGAR	4,800
NM/4	DAVIS-MONTHAN	SQUADRON OPS FAC	2,500
NM/5	YOUNGSTOWN	ALTER SQUADRON OPS FAC	1,300
NM/6	YOUNGSTOWN	WING HQ	5,200
NM/7	YOUNGSTOWN	ADAL ENG/AVIONICS/SURV EQUIP	3,600
NM/8	YOUNGSTOWN	ADAL BASE SUPPLY	2,800
NM/9	YOUNGSTOWN	ADAL MISC MAINT FACS	<u>1,000</u>
		<b>TOTAL CURRENT MISSION</b>	<b>29,900</b>
		<b>CURRENT MISSION TOA</b>	<b>30,205</b>

\* FY01 shows use of current mission TOA for new mission disconnects

# **P-341 POST BRAC 95 UPDATE**

- **FY95 - NO IMPACT**
- **FY96 - 00 IMPACT**
  - **NO BERGSTROM PROJECTS ON P-341 LIST**
  - **SIX PITTSBURGH PROJECTS ON LIST (\$2.8M TOTAL): FY96 (1), FY98 (3), FY99 (1), FY00 (1)**
  - **MOVE PROJECTS FORWARD TO FILL GAP**
- **MUST ADD NEW HQ AFRES BLDG AT \$1.4M IN FY96**

**FY96-00 P341 (BEFORE BRAC 95)**

FY	BASE	DESCRIPTION	COST (\$000)	TOA (\$000)
96	Pittsburgh	Alter A/C Maint B/418	552.0	
96	Westover	Const AGE/Veh Refueling	785.1	
96	Seymour-J	Base Warehouse (AFRES)	850.0	
96	Niagara	Add/Alter Fire Station	644.9	
96	Dover	ADAL Res Ops	384.0	
96	Barksdale	Comp Med Tng Facility	700.1	
			<b>3916.1</b>	<b>4169.0</b>
97	Dobbins	ADAL Fire Station	558.3	
97	Portland	Const Aerial Delivery Fac	358.3	
97	Patrick	Const Med Tng Facility	870.0	
97	Eglin	Add to B/3076 (Eng I&R)	390.0	
97	Portland	Structural Maint Shop	772.0	
97	Westover	Add to Metal/Welding Shop	327.6	
97	Gen Mitch	Survival Equipment Facility	750.0	
			<b>4026.2</b>	<b>4326.0</b>
98	Niagara	Add/Alter Squadron Ops	611.0	
98	Minn/St Paul	Multipurpose FitnessCenter	974.4	
98	Pittsburgh	ADAL VOQ	382.9	
98	Pittsburgh	Security Police Bldg	511.0	
98	Dobbins	ADAL Security Police Ops	1200.0	
98	Pittsburgh	Alter CATM B/221	537.0	
98	Gen Mitchell	CATM/FATS Facility	375.0	
			<b>4591.3</b>	<b>4454.0</b>
99	Westover	Const Disaster Prep Facil	378.9	
99	Pittsburgh	Const Contracting Office	468.6	
99	Kelly	Cnst Stor Fac (Mob Eq)	385.8	
99	McChord	Security Police Facility	1100.0	
99	Portland	CATM Tng Facil	472.1	
99	Minn/St Paul	Alter Med Tng	453.1	
99	Barksdale	Const Wing Education Facil	328.0	
99	McChord	Add to B/1210, Aeromed Tng	580.0	
			<b>4166.5</b>	<b>4603.0</b>
00	Youngstown	Add to B/510 for Contracting	596.0	
00	McGuire	Medical Training	350.0	
00	Pittsburgh	Convert Office to Dorm	332.9	
00	Barksdale	Const A/C Maint Tng Office	369.0	
00	Dobbins	Munitions Storage Facility	335.5	
00	Andrews	Mob W'house Addn, B/3756	386.9	
00	Kelly	Alter Medical Training Fac	385.1	
00	Robins	ADAL B/222 - 94APSS	385.6	
			<b>3143.0</b>	<b>4741.0</b>

FY 96-00 P-341 LIST (AFTER BRAC 95)			
FY	BASE	DESCRIPTION	COST (\$000)
			TOA (\$000)
96	Robins	HQ AFRES Bldg 2XX	1400.0
96	Westover	Const AGE/Veh Refueling	785.1
96	Seymour-J	Base Warehouse (AFRES)	850.0
96	Niagara	Add/Alter Fire Station	644.9
96	Dover	ADAL Res Ops	384.0
			4064.0
97	Barksdale	Comp Med Tng Facility	700.1
97	Dobbs	ADAL Fire Station	558.3
97	Portland	Const Aerial Delivery Fac	358.3
97	Patrick	Const Med Tng Facility	870.0
97	Eglin	Add to B/3076 (Eng I&R)	390.0
97	Portland	Structural Maint Shop	772.0
97	Westover	Add to Metal/Welding Shop	327.6
			3976.3
98	Gen Mitch	Survival Equipment Facility	750.0
98	Niagara	Add/Alter Squadron Ops	611.0
98	Minn/St Paul	Multipurpose Fitness Center	974.4
98	Dobbs	ADAL Security Police Ops	1200.0
98	Gen Mitchell	CATM/FATS Facility	375.0
98	Westover	Const Disaster Prep Facil	378.9
			4289.3
99	Kelly	Const Stor Fac (Mob Eq)	385.8
99	McChord	Security Police Facility	1100.0
99	Portland	CATM Tng Facil	472.1
99	Minn/St Paul	Alter Med Tng	453.1
99	Barksdale	Const Wing Education Facil	328.0
99	McChord	Add to B/1210, Aeromed Tng	580.0
99	Youngstown	Add to B/510 for Contracting	598.0
99	McGuire	Medical Training	350.0
99	Barksdale	Const A/C Maint Tng Office	369.0
			4636.0
00	Dobbs	Munitions Storage Facility	335.5
00	Andrews	Mob W'house Addn, B/3756	388.9
00	Kelly	Alter Medical Training Fac	385.1
00	Robins	ADAL B/222 - 94APSS	385.6
			1493.1
			4741.0

# 95 CFA RATINGS MATRIX BY MISSION ELEMENT

ELEMENT	(95 BRAC)										(95 BRAC)															
	BRG	DOB	WST	GBM	YNG	PIT	WGR	NGF	OHR	MSP	CAR	HMS	GRS	BRG	DOB	WST	GBM	YNG	PIT	WGR	NGF	OHR	MSP	CAR	HMS	GRS
CMD STF	ADQ	DEG	UNS	UNS	UNS	ADQ	ADQ	DEG	DEG	ADQ	ADQ	DEG	DEG	ADQ	DEG	UNS	UNS	UNS	ADQ	ADQ	DEG	DEG	ADQ	ADQ	DEG	DEG
OPS	ADQ	DEG	DEG	UNS	UNS	DEG	DEG	DEG	DEG	DEG	DEG	DEG	DEG	ADQ	DEG	DEG	UNS	UNS	DEG	DEG	DEG	DEG	ADQ	ADQ	DEG	DEG
OPS INF	ADQ	ADQ	ADQ	DEG	DEG	DEG	UNS	DEG	DEG	DEG	DEG	DEG	DEG	ADQ	ADQ	ADQ	DEG	DEG	DEG	DEG	DEG	DEG	ADQ	ADQ	DEG	DEG
LOG	ADQ	DEG	DEG	DEG	DEG	DEG	UNS	UNS	UNS	ADQ	DEG	DEG	DEG	ADQ	DEG	DEG	DEG	UNS	UNS	ADQ	DEG	DEG	ADQ	ADQ	DEG	UNS
SUP	ADQ	DEG	UNS	UNS	UNS	DEG	DEG	DEG	DEG	DEG	DEG	DEG	DEG	ADQ	DEG	UNS	UNS	UNS	DEG	DEG	DEG	DEG	ADQ	ADQ	DEG	UNS
COM INF	ADQ	ADQ	DEG	DEG	DEG	ADQ	ADQ	DEG	DEG	DEG	DEG	DEG	DEG	ADQ	ADQ	DEG	DEG	DEG	ADQ	ADQ	DEG	DEG	ADQ	ADQ	DEG	UNS
MED	UNS	ADQ	DEG	UNS	DEG	DEG	ADQ	ADQ	ADQ	ADQ	ADQ	ADQ	ADQ	UNS	ADQ	DEG	UNS	DEG	DEG	ADQ	ADQ	ADQ	ADQ	ADQ	DEG	DEG
SUMM	ADQ	DEG	DEG	DEG	UNS	DEG	DEG	DEG	DEG	ADQ	ADQ	ADQ	ADQ	ADQ	DEG	DEG	UNS	DEG	DEG	ADQ	ADQ	ADQ	ADQ	ADQ	DEG	DEG

2 x 2 10

# 95 CFA HOST BASE SUMMARY (\$K)

CATEGORY	UNS		DEG		ADQ		TOTAL	
	MILCON	O&M	MILCON	O&M	MILCON	O&M	MILCON	O&M
CMD STAFF	\$50.00	\$2,395.00	\$3,254.00	\$1,919.00	\$0.00	\$92.50	\$3,304.00	\$4,406.50
OPERATIONS	\$8,025.00	\$3,848.70	\$2,132.50	\$5,826.50	\$1.50	\$1,439.60	\$10,159.00	\$11,114.80
LOGISTICS	\$15,985.00	\$21,392.60	\$25,440.30	\$22,916.70	\$0.00	\$4,606.10	\$41,425.30	\$48,915.40
SUPPORT	\$52,076.70	\$54,333.30	\$23,263.20	\$24,111.70	\$424.70	\$5,097.80	\$75,764.60	\$83,542.80
MEDICAL	\$0.00	\$300.00	\$2,827.70	\$642.00	\$0.00	\$40.00	\$2,827.70	\$982.00
OPS INFR	\$4,354.00	\$11,710.00	\$1,290.00	\$5,763.50	\$0.00	\$1,702.90	\$5,644.00	\$19,176.40
COMM INFR	\$5,700.00	\$1,329.70	\$4,465.00	\$25,233.50	\$713.00	\$6,351.90	\$10,878.00	\$32,915.10
OVERALL	\$86,190.70	\$95,309.30	\$62,672.70	\$86,412.90	\$1,139.20	\$19,330.80	\$150,002.60	\$201,053.00

# BRAC POLICY GUIDANCE

- WORK UNDER CONSTRUCTION WILL CONTINUE
- NEW INVESTMENTS ACCOMPLISHED ONLY TO SATISFY LEGAL, HEALTH, SAFETY, ENVIRONMENTAL OR REGULATORY REQUIREMENTS
- ROUTINE MAINTENANCE AND SERVICES CONTINUE
- CONSTRUCTION NOT UNDER CONTRACT DEFERRED PENDING FINAL DECISION ON BRAC
- DESIGNS DEFERRED AT APPROPRIATE PHASE OF DESIGN

2/26/11

# HOMESTEAD SUMMARY

- 95 BRAC PROPOSAL REALIGNS 301ST TO PATRICK AFB
- HOMESTEAD SUMMARY:

<u>FY</u>	<u># OF PROJS</u>	<u>DSN/CNS</u>	<u>BUDGET</u>	<u>COST</u>	<u>STATUS</u>
92SA	33	24/9	\$66.0M	\$75.6M	VARIES
92	1	1/0	\$ 1.1M	\$ 0.9M	GO
94	1	1/0	\$ 2.7M	\$ 2.5M	GO
95	4	2/2	\$ 7.1M	\$ 7.7M	GO
97	1	1/0	\$ 1.3M	\$ 1.3M	GO

# HOMESTEAD 92SA DESIGN/CONSTRUCTION PLAN

<u>PACKAGE</u>	<u>482ND</u>	<u>JOINT FAC</u>	<u>301ST</u>	<u>STATUS</u>
INTERIM	VAR			COMPLETE
ELECT	1			COMPLETE
FANG	2			CONSTR
TOWER	1			CONSTR
TOWER EQUIP	1			DESIGN
194	1			CONSTR
741	1			RTA
#1	8 (10)			RFP
#2		2	7	HOLD
#3	4			BID OPEN
#4	1(2)	1		DESIGN
#5	1(2)			DESIGN
FIRING RANGE	1			BID OPEN
TOTAL PROJECTS	23	3	7	
COST	\$50.1M	\$2.2M	\$23.3M	

# BERGSTROM SUMMARY

- 95 BRAC PROPOSAL CLOSES BERGSTROM ARB

- BERGSTROM SUMMARY:

<u>FY</u>	<u># OF PROJECTS</u>	<u>DSN/CNS</u>	<u>BUDGET</u>	<u>COST</u>
BRAC 93	10	8/2	\$15.4M	\$15.4M

ALL PROJECTS ON HOLD EXCEPT:

LOX - UNDER CONSTRUCTION

FUEL HEADER - ENVIRONMENTAL COMPLIANCE

- PLAN:

HOLD DESIGNS PENDING BRAC FINAL DECISION - SEP 95

# PITTSBURGH SUMMARY

- 95 BRAC PROPOSAL CLOSES PITTSBURGH ARB

- PITTSBURGH SUMMARY:

<u>FY</u>	<u># OF PROJECTS</u>	<u>DSN/CNS</u>	<u>BUDGET</u>	<u>COST</u>
94	3	3/0	\$8.7M	\$14.1M

ALL PROJECTS ON HOLD

- PLAN:

HOLD DESIGNS PENDING BRAC FINAL DECISION - SEP 95

# SUMMARY OF CHANGES FY 97- 01

- PA INCREASES FOR FY97
  - MAXWELL (AIRCRAFT MAINT HANGAR) \$5.5M TO \$7.2M ; MOVED TO PRIORITY ONE IN FY98
- MOVED UP 3 FY98 PROJECTS
  - KELLY (AERIAL PORT TNG FAC) NOW FY97 PRIORITY 4
  - SCOTT (MED TNG FAC) NOW FY97 PRIORITY 5
  - DOBBINS (ADAL ELECT-COMM FAC) NOW FY97 PRIORITY 6
- PA & TOA INCREASES FOR FY98
  - ANDREWS (ALTER WING HQ) \$1.9M TO \$ 3.7M : MOVED TO PRIORITY ONE IN FY00
  - LOBBY AETC FOR MAXWELL PROJECT FY98 TOA DISCONNECT OF \$0.812M
- NEW MISSION, TINKER (ADAL AIRCRAFT HANGAR): MOVED TO PRIORITY ONE IN FY99
- UNFUNDED NEW MISSION PROJECTS PLACED IN FY01

# RECOMMENDATION

**COMMAND FACILITY BOARD APPROVE:**

- **FY 97 - 99 MILCON PROGRAM LIST**
- **FY 96 P-341 PROGRAM LIST**

Document Separator.

160  
950524-13

RT540

QUESTION: Reference the 95 Commander's Facility Assessment (CFA), was it used in the Air Force BRAC process? Is the CFA a valid factor for the Commission to use in our assessment of military value of the installations under consideration?

ANSWER: The FY95 CFA data was not used during the BRAC 95 process. During the previous BRAC rounds, the Air Force compared facility and infrastructure, for all bases, using total capacity by category code (capacity) and percent condition code one (condition) for each facility category used in the analysis. In order to keep the analysis consistent, the same parameters were used in BRAC 95. The CFA information is subjective data. CFA data identifies facility work needed to bring existing facilities up to current Air Force standards. The facilities requiring work are then rated by the wing commander as either degraded (i.e., no direct impact to the mission) or unsatisfactory (i.e., direct impact to the mission). This rating, although useful for prioritizing the work, is subjective in that it depends entirely upon the views of each wing commander. For these reasons, the 95 CFA data is not a valid factor for use in the BRAC process.



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

May 24, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

Please refer to this number  
when responding 950504-13

Dear General Blume:

The attached information has been brought to the attention of the Commission. The data appears to be applicable to the BRAC process in that it identifies facility problems and impacts on mission capability. Of particular concern is the chart titled "95 CFA Ratings Matrix By Mission Element," which summarizes the Youngstown facilities as Unsatisfactory. Please comment on whether or not the information was used in the Air Force BRAC process and if it is a valid factor for the Commission to use in our assessment of military value of the installations under consideration. Request your response by June 5, 1995.

Your continued support and cooperation are greatly appreciated.

Sincerely,

Francis A. Cirillo, Jr., PE  
Air Force Team Leader

Attachment



DEPARTMENT OF THE AIR FORCE

AIR FORCE RESERVE



02 MAY 1995

MEMORANDUM FOR SEE DISTRIBUTION

FROM: HQ AFRES/CE  
155 2nd Street  
Robins AFB GA 31098-1635

SUBJECT: Command Facilities Board (CFB) 31 March 1995 Meeting Minutes

1. The CFB met 31 Mar 95 with the AFRES/CC, AFRES/CV, 4 AF/CC, 10 AF/CC (via TNET), 22 AF/CC, and key staff members attending (Atch 1).
2. The CFB members reviewed the action items from the 13 Dec 94 CFB and were given updates on the FY96-99 Military Construction (MILCON) Program, the FY96-00 P-341 program, the Commanders' Facility Assessment (CFA) initial results, and the Base Realignment and Closure (BRAC) announcement impact on current construction.
  - a. Five action items from the 13 Dec 94 CFB (Atch 2) were reviewed. The initial 1995 CFA data is under review by the HQ AFRES/CE staff. The AFRES host bases have reported their CFA data and the tenant data is due in from the other MAJCOM hosts by mid-April. The FY97-98 MILCON and FY97 P-341 project lists will be checked for Level I status rating. It is very possible in the near future that project funds could be managed and released by status Level rating. Level II & III projects in the next immediate years (FY97-98) could possibly be displaced by Level I projects in the outyears (FY99-01) during future budget review processes.
  - b. The FY96 MILCON Program (Atch 3) remains the same. It is locked down in the Congressional budget submission and was shown for reference only.
  - c. The Facility Panel recommended several changes in the FY97 MILCON Program (Atch 4) to the CFB. The Maxwell Aircraft Maintenance Hangar cost estimates increased from \$5.5M to \$7.2M, breaking the \$13.2M Total Obligation Authority (TOA) current mission budget limit. To rebalance the FY97 TOA, the Facility Panel moved the Maxwell Hangar to FY98, and moved the top three FY98 projects up to FY97: Kelly Aerial Port Training, Scott Consolidated Medical Training, and the Dobbins Add/Alter Communication facilities. The CFB approved the recommendations. HQ AFRES/CE noted he was working temporary facility funding issues for the new mission project at McConnell with HQ USAF/REC and HQ AFRES/FM. Subsequent to the CFB, the AFRES Financial Management Board approved \$600K for this requirement and HQ USAF/REC provided a signed memo to HQ AFRES/CE documenting Air Staff approval to use O&M funds to buy the required modular facilities.

d. The Facility Panel recommended several changes in the FY98 MILCON Program (Atch 5) to the CFB. The Andrews Wing Headquarters cost estimates increased from \$1.9M to \$3.7M, breaking the \$18.7M TOA current mission budget limit. To rebalance the FY98 TOA, the Facility Panel moved the Andrews HQ to FY99. The Facility Panel also recommended that the CEP and XPX staffs meet with HQ AETC and wing representatives at Maxwell to resolve the remaining \$0.8M TOA shortage resulting from the utility/siting costs of the two Maxwell projects. There is still time in the FY98 budget cycle to resolve these two project cost issues before having to take the Facility Panel alternate recommendation of moving the Little Rock Aerial Port project to FY99. And finally for FY98, if the BRAC 95 candidate list is approved, the Bergstrom environmental project for the Fire Fighter Training will be replaced by the General Mitchell Underground Storage Tank project. The CFB approved the recommendations as noted.

e. The CFB discussed the FY99 impact of now having two headquarters facility projects in one FY that total about 60 percent of the TOA. Recognizing the budget risk during staff reviews at the Office of the Secretary of Defense (OSD), Comptroller as well as Congress, the CFB moved the Andrews Wing HQ project to FY00 and inserted the new mission Add/Alter Hangar project at Tinker into the current mission budget. The CFB approved these changes to the FY99 (Atch 6) and FY00 (Atch 7) programs.

f. The CFB discussed the continuing need to support the unfunded New Mission MILCON projects that are not in any FY program. These projects (reference Atchs 5 & 6 to the CFB 13 Dec 94 Meeting Minutes letter dated 20 Jan 95) have no visibility in the existing budget program except for the variances of the Congressional insert environment. To remain viable they need program year visibility for potential add support or as requirements validation for new mission money. The CFB agreed to place those projects in Current Mission FY01 (Atch 8).

g. The impacts of BRAC 95 to the P-341 program were briefed (Atch 9). If the BRAC 95 Candidate List is approved, six Pittsburgh projects in FY96-00 will be replaced by the existing next-in-sequence project priorities. Other CFB discussions identified the need to insert the Headquarters Robins P-341 project at the top of the FY96 list. If Pittsburgh comes off the BRAC 95 list, their projects will be reinserted back into the "before" BRAC 95 priority sequence with their FY96 project following the Robins Headquarters project. Approved by the CFB as noted.

h. The initial CFA status (Atch 10) was presented by Col Munter (CE).

i. BRAC construction status (Atch 11) was presented by Lt Col Stark (CEC).

3. The CFB approved the FY97-99 MILCON program lists and the FY96 P-341 program list, amended as noted in these minutes to show pending priority sequences (Atch 12).

4. Taskings by the CFB:

a. Verify the CFA "Levels" of the FY96-98 MILCON and P-341 projects. OPR: CE

b. Investigate the new AFRES civil engineer facility at Davis Monthan for use as the Squadron Operations Facility, either as an interim facility until a future MILCON project is funded or as the permanent solution. OPR: CE and 305 RQS/CC

c. Send CFA data slides on specific results to RE NLT 12 Apr. OPR: CE  
ACTION: Closed. Three slides were sent 6 Apr.

d. Place all Unfunded New Mission MILCON projects not currently listed in any FY into the FY01 current mission funding program. This action will reflect AFRES support to Congressional staff that the projects (typically force structure driven) are valid and required, yet have to wait an excessive amount of time for funding. ACTION: Closed. (See Atch 8)

e. Provide NAFs the CFA data, to include tenant results. OPR: CE

f. Attempt to fund design of the Barksdale Medical Training Facility. OPR: CE

g. Place the MILCON/P-341 scoring procedure in an annex to the AFRES Long Range Plan. OPR: CE and QI

h. Investigate retaining trailers for the MacDill Aeromed Group. OPR: CE and SG

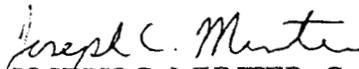
i. If O'Hare remains in place after the final BRAC 95 announcement, the CFB will evaluate the O'Hare project status for priority placements in the MILCON and P-341 programs. OPR: CE

j. Plan the next CFB meeting as a summer, Post-BRAC 95 announcement meeting. OPR: CE

5. **Post CFB Meeting Updates:** On 6 Apr, AFRES/CE received a response from HQ AMC/CE on our request for funding candidate projects from their Defense Business Operating Fund - Transportation (DBOF-T) account. The projects were the Kelly Ops, Charleston Maintenance Ops, Westover Avionics, and Westover Hangar. Three projects were disapproved due to incompatible real property category codes and one for having a non-strategic airlift element in the work scope. According to HQ AMC/FM, projects for associate units cannot be undertaken since AFRES associate facilities are coded "training" in the real property records and DBOF-T funding criteria does not allow spending these funds on training facilities. They went on to note that reimbursement for strategic airlift missions with AFRES unit-equipped aircraft includes a facility component. HQ AFRES/FM

validated that the reimbursement does include these funds (estimated at \$500K for FY95) and that FM passes this on to CE as part of the budget makeup. The next step will be to determine if the real property category codes on associate facilities can be changed.

6. The CFB point of contact is Lt Col Ken Werner, CEP, 497-1050.

  
JOSEPH C. MUNTER, Colonel, USAF  
The Civil Engineer

Approved by:

  
JAMES E. SHERRARD III, Maj Gen, USAF  
Vice Commander

Attachments:

1. CFB Data (3 pgs)
2. Action Items (6 pgs)
3. FY96 MILCON
4. FY97 MILCON
5. FY98 MILCON
6. FY99 MILCON
7. FY00 MILCON
8. FY01 MILCON
9. FY96-00 P-341 Program (3 pgs)
10. CFA Initial Data (2 pgs)
11. BRAC Construction Status (5 pgs)
12. Summary/Recommendation (2 pgs)

DISTRIBUTION:

HQ AFRES/CC/CV/CVA/LG/XP/DO/SG/DP/FM/SC/SV/SP  
HQ USAF/REX  
4 AF/CC  
10 AF/CC  
22 AF/CC  
All Wing/CCs  
All AFRES BCEs

## MEETING GUIDE

**Meeting Name:** Command Facility Board  
**Date/Time:** 31 Mar 95, 0800-0930  
**Location:** Robins Room 3 (TNET), Bldg 220, Robins AFB GA

- Objectives:**
- (1) Review Dec 94 meeting action items
  - (2) Review Post BRAC 95 MILCON and P-341 programs
  - (3) Approve the FY97-99 MILCON project list
  - (4) Approve the FY96 P-341 project list
  - (5) Provide updates on Commanders' Facility Assessment
  - (6) Review BRAC impact on construction

**Leader:** Maj Gen Robert A. McIntosh    **Facilitator:** Maj Gen James E. Sherrard III  
**Scribe:** Mr Ron Scandlyn (CEPD)    **Timekeeper:** Mr Bobby Clary  
**Briefer:** LTC Ken Werner

**Facility Board Members:** CC, CV, 4AF/CC, 10AF/CC (via TNET), 22AF/CC

**Other Attendees:** CVA, CE, DO, DP, FM, LG, SG, SP, SV, XP

AGENDA	IS/IP	PRI	TIME RQD	CLOCK TIME
Set roles, agenda items, IS/IP, priorities, times	IP	1	5	0800
Review Action Items	IP	2	15	0805
FY96-99 MILCON	IP	3	20	0820
P-341 Program	IP	4	10	0840
Commanders' Facility Assessment	IS	5	10	0850
BRAC Impact on Construction	IS	6	20	0900

<b>WRAP UP</b>	IP		10	0920
Loose Ends				
Tasking				
Stop Time:				0930

*2/2/1*



**COMMAND FACILITY BOARD (CFB)**  
**31 MAR 95**

**PRESENTED BY**  
**LT COL KEN WERNER**

# OVERVIEW

- **ACTION ITEM REVIEW**
- **POST-BRAC MILCON & P- 341 PROGRAM UPDATE**
- **COMMANDERS' FACILITY ASSESSMENT (CFA) UPDATE**
- **BRAC IMPACT ON CONSTRUCTION**

5/1/95

# CFB ACTION ITEM REVIEW

- **TASKING:** Pursue Execution of Kinston Regional Airport Project (FY95 MILCON, \$5M)
- **OPR:** HQ AFRES/CEP
- **STATUS:** (OPEN) CE & REXR met with airport officials 1 Mar 95. SAF/MII 17 Mar 95 letter to SAF/GCN supported Joint Agreement with Airport Authority.
- **RECOMMENDATION:** After GCN approval, finalize the Agreement and schedules with Airport Authority (ECD 15 May 95)

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# CFB ACTION ITEM REVIEW

- **TASKING:** Investigate AFRES use of portable fire training facility/system used at Bangor, Maine
- **OPR:** HQ AFRES/CEXF
- **STATUS:** (OPEN) Initial staff review recommended no AFRES application. CV requested relook at 15 Feb 95 AFRES EPC. CEXF to visit a similar facility site (Great Falls MT) 9 Apr 95.
- **RECOMMENDATION:** CEXF brief CV on findings NLT week of 15 May 95 (ECD 24 May 95)

# CFB ACTION ITEM REVIEW

- **TASKING:** Revisit New Mission Strategy after BRAC 95 announcement
- **OPR:** HQ AFRES/CE, HQ USAF/REXR
- **STATUS:** (CLOSED, line item status on separate handout)

# UNFUNDED NEW MISSION STRATEGY

<u>BASE</u>	<u>PROJECT</u>	<u>\$M</u>	<u>FUND SOURCE</u>
TINKER	ALTER COMMAND POST	0.5	FY95 P-341
SEYMOUR	ADAL FACILITIES	0.9	FY95 O&M/P-341
SEYMOUR	SQ OPS/CLASSROOMS	0.6	FY94 P-341/FY95 O&M
SEYMOUR	BASE WAREHOUSE	0.8	FY96 P-341
SELFRIDGE	FUELS MAINT HANGAR	6.0	FY96 Congressional Add
DAVIS MONT	SQUADRON OPS	2.4	FY96 Congressional Add
SITE 9	ADAL FACILITIES	2.5	Pending Announcement
SITE 9	UNSCHEDULED MAINT DOCK	3.7	Pending Announcement
SITE 9	FUEL MAINT DOCK	4.7	Pending Announcement
YOUNGSTOWN	FLIGHTLINE FACILITIES	0.6	FY95 P-341
YOUNGSTOWN	VEHICLE MAINT SHOP	0.8	FY95 P-341
BEALE	ALTER BOS FACILITIES	2.1	BRAC 93 Funding
WHITEMAN	SQUADRON OPERATIONS	0.1	FY95 O&M

# CFB ACTION ITEM REVIEW

- **TASKING:** Pursue obtaining ANG facilities at Dobbins for AFRES use
- **OPR:** HQ AFRES/CEP
- **STATUS:** (CLOSED) 94 SPTG/CC working a formal space occupancy reuse plan between all parties
- **RECOMMENDATION:** 94 SPTG/CC will complete the actions on reuse plan

# CFB ACTION ITEM REVIEW

- **TASKING:** NAFs and Wing CCs insure that CFA correlates to project priorities in MILCON & P-341 programs
- **OPR:** NAF/CCs, Wing/CCs
- **STATUS:** (OPEN) CFA Host base data received. Active duty delayed final report to 16 APR 95. Waiting for tenant data from host MAJCOMs.
- **RECOMMENDATION:** Continue analysis (ECD 31 May 95)

# FY 96 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
NM	YOUNGSTOWN	AIRCRAFT PARKING APRON	3,350
NM	YOUNGSTOWN	ADAL ELECTRICAL SUBSTATION	<u>4,230</u>
		<i>TOTAL NEW MISSION</i>	<i>7,580</i>
CM/1	MAXWELL	COMPOSITE MAINT FAC	3,608
CM/2	NIAGARA	FUELS SYS MAINT HANGAR	<u>4,895</u>
		<i>TOTAL CURRENT MISSION</i>	<i>8,503</i>
ENV	MARCH	FIRE TRAINING FAC	1,550
ENV	GRISSOM	FIRE TRAINING FAC	1,500
ENV	YOUNGSTOWN	UPGRADE BASE WATER DIST SYS	<u>1,000</u>
		<i>TOTAL ENVIRONMENTAL</i>	<i>4,050</i>
		<i>TOTAL FY 96 MILCON</i>	<i>20.133</i>

# FY 97 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
NM	MCCONNELL	KC-135 CONVERSION	<u>5,000</u>
		<b>TOTAL NEW MISSION</b>	<b>5,000</b>
CM/1	PETERSON	COMPOSITE MAINT FAC	3,150
CM/2	GEN MITCHELL	MEDICAL TRAINING FAC	2,300
CM/3	ANDREWS	CONSOLIDATED MED TRNG FAC	2,600
CM/4	KELLY	AERIAL PORT TRAINING FAC	2,100
CM/5	SCOTT	CONOLIDATED MED TRAINING FAC	2,200
CM/6	DOBBINS	ADAL RES ELECT-COMM FAC	<u>900</u>
		<b>TOTAL CURRENT MISSION</b>	<b>13,250</b>
ENV	HOMESTEAD	FIRE TRAINING FAC	1,300
ENV	NIAGARA	FIRE TRAINING FAC	1,600
ENV	YOUNGSTOWN	FIRE TRAINING FAC	1,500
ENV	GEN MITCHELL	IMPROVE STORM DRAINAGE SYS	<u>950</u>
		<b>TOTAL ENVIRONMENTAL</b>	<b>5,350</b>
		<b>TOTAL FY 97 MILCON</b>	<b>23,600</b>

# FY 98 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>\$(000)</u>
CM/1	MAXWELL	AIRCRAFT MAINT HANGAR	7,200
CM/2	NIAGARA	CONSOLIDATED TRNG FAC	1,900
CM/3	GEN MITCHELL	AERIAL PORT TRAINING FAC	4,000
CM/4	MAXWELL	LG COMPLEX	3,900
CM/5	LITTLE ROCK	AERIAL PORT TRAINING FAC	<u>1,750</u>
		<b>TOTAL CURRENT MISSION</b>	<b>18,750</b>
		<b>CM TOA SHORTAGE</b>	<b><u>812</u></b>
		<b>CM TOA</b>	<b>17,938</b>
ENV	BERGSTROM	FIRE FIGHTER TRAINING FAC	1,000
ENV	WILLOW GROVE	STORM DRAINAGE	2,100
ENV	YOUNGSTOWN	APRON RUNOFF	<u>1,200</u>
		<b>TOTAL ENVIRONMENTAL</b>	<b>4,300</b>
		<b>TOTAL FY 98 MILCON</b>	<b>22,238</b>

# FY 99 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
* NM	TINKER	ADAL AIRCRAFT HANGAR	3,200
CM/1	ROBINS	RENOVATE AFRES HQ (BLDG 210)	9,900
CM/2	GEN MITCHELL	ADAL COMPOSITE TRAINING FAC	2,000
CM/3	DOBBINS	AERIAL PORT TRAINING FAC	3,330
CM/4	MINN/ST PAUL	COMPOSITE TRAINING FAC	4,000
		<b>TOTAL CURRENT MISSION</b>	<b>22,430</b>
		<b>CURRENT MISSION TOA</b>	<b>22,649</b>
ENV	DOBBINS	UPGRADE STORM SEWER	1,100
ENV	WILLOW GROVE	UPGRADE SANITARY SEWER	1,500
		<b>TOTAL ENVIRONMENTAL</b>	<b>2,600</b>
		<b>TOTAL FY 99 PROGRAM</b>	<b>25,249</b>

\* 31 Mar 95 Facility Board change

# FY 00 MILCON PROGRAM

<u>MSN/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
*			
CM/1	ANDREWS	ALTER WING HQ	3,700
CM/2	KEESLER	C-130 MAINT HANGAR	4,050
CM/3	KELLY	WING HQ FAC	2,950
CM/4	LUKE	CES TRAINING FAC	1,250
CM/5	NIAGARA	BCE ADMIN FAC	1,000
CM/6	CHARLESTON	AERIAL PORT TRAINING FAC	2,450
CM/7	PITTSBURGH	AEROMEDICAL TRAINING FAC	1,100
CM/8	WILLOW GROVE	CONSOLIDATED TRAINING FAC	1,900
CM/9	GEN MITCHELL	VEHICLE OPS FAC	3,300
CM/10	WESTOVER	VEHICLE MAINT COMPLEX	<u>4,500</u>
		<b>TOTAL CURRENT MISSION</b>	<b>26,200</b>
		<b>CURRENT MISSION TOA</b>	<b>26,191</b>

\* 31 Mar 95 Facility Board change

# FY 01 MILCON PROGRAM

<u>MSN*/PRI</u>	<u>BASE</u>	<u>PROJECT</u>	<u>(\$000)</u>
NM/1	TINKER	FUELS MAINT HANGAR	4,800
NM/2	TINKER	SQUADRON OPS FAC	3,900
NM/3	SELFRIDGE	FUELS SYS MAINT HANGAR	4,800
NM/4	DAVIS-MONTHAN	SQUADRON OPS FAC	2,500
NM/5	YOUNGSTOWN	ALTER SQUADRON OPS FAC	1,300
NM/6	YOUNGSTOWN	WING HQ	5,200
NM/7	YOUNGSTOWN	ADAL ENG/AVIONICS/SURV EQUIP	3,600
NM/8	YOUNGSTOWN	ADAL BASE SUPPLY	2,800
NM/9	YOUNGSTOWN	ADAL MISC MAINT FACS	1,000
		<b>TOTAL CURRENT MISSION</b>	<b>29,900</b>
		<b>CURRENT MISSION TOA</b>	<b>30,205</b>

\* FY01 shows use of current mission TOA for new mission disconnects

# **P-341 POST BRAC 95 UPDATE**

- **FY95 - NO IMPACT**
- **FY96 - 00 IMPACT**
  - **NO BERGSTROM PROJECTS ON P-341 LIST**
  - **SIX PITTSBURGH PROJECTS ON LIST (\$2.8M TOTAL): FY96 (1), FY98 (3), FY99 (1), FY00 (1)**
  - **MOVE PROJECTS FORWARD TO FILL GAP**
- **MUST ADD NEW HQ AFRES BLDG AT \$1.4M IN FY96**

**FY96-00 P341 (BEFORE BRAC 95)**

FY	BASE	DESCRIPTION	COST (\$000)	TOA (\$000)
96	Pittsburgh	Alter A/C Maint B/418	552.0	
96	Westover	Const AGE/Veh Refueling	785.1	
96	Seymour-J	Base Warehouse (AFRES)	850.0	
96	Niagara	Add/Alter Fire Station	644.9	
96	Dover	ADAL Res Ops	384.0	
96	Barksdale	Comp Med Tng Facility	700.1	
			<b>3916.1</b>	<b>4169.0</b>
97	Dobbins	ADAL Fire Station	558.3	
97	Portland	Const Aerial Delivery Fac	358.3	
97	Patrick	Const Med Tng Facility	870.0	
97	Eglin	Add to B/3076 (Eng I&R)	390.0	
97	Portland	Structural Maint Shop	772.0	
97	Westover	Add to Metal/Welding Shop	327.6	
97	Gen Mitch	Survival Equipment Facility	750.0	
			<b>4026.2</b>	
98	Niagara	Add/Alter Squadron Ops	611.0	
98	Minn/St Paul	Multipurpose Fitness Center	974.4	
98	Pittsburgh	ADAL VOQ	382.9	
98	Pittsburgh	Security Police Bldg	511.0	
98	Dobbins	ADAL Security Police Ops	1200.0	
98	Pittsburgh	Alter CATM B/221	537.0	
98	Gen Mitchell	CATM/FATS Facility	375.0	
			<b>4591.3</b>	<b>4454.0</b>
99	Westover	Const Disaster Prep Facil	378.9	
99	Pittsburgh	Const Contracting Office	468.6	
99	Kelly	Const Stor Fac (Mob Eq)	385.8	
99	McChord	Security Police Facility	1100.0	
99	Portland	CATM Tng Facil	472.1	
99	Minn/St Paul	Alter Med Tng	453.1	
99	Barksdale	Const Wing Education Facil	328.0	
99	McChord	Add to B/1210, Aeromed Tng	580.0	
			<b>4166.5</b>	
00	Youngstown	Add to B/510 for Contracting	598.0	
00	McGuire	Medical Training	350.0	
00	Pittsburgh	Convert Office to Dorm	332.9	
00	Barksdale	Const A/C Maint Tng Office	369.0	
00	Dobbins	Munitions Storage Facility	335.5	
00	Andrews	Mob W'house Addn, B/3756	386.9	
00	Kelly	Alter Medical Training Fac	385.1	
00	Robins	ADAL B/222 - 94APSS	385.6	
			<b>3143.0</b>	

FY 96-00 P-341 LIST (AFTER BRAC 95)			
FY	BASE	DESCRIPTION	COST (\$000)
TOA			COST (\$000)
96	Robins	HQ AFRES Bldg 2XX	1400.0
96	Westover	Const AGE/Veh Refueling	785.1
96	Seymour-J	Base Warehouse (AFRES)	850.0
96	Niagara	Add/Alter Fire Station	644.9
96	Dover	ADAL Res Ops	384.0
<b>4169.0</b>			
97	Barksdale	Comp Med Tng Facility	700.1
97	Dobbins	ADAL Fire Station	558.3
97	Portland	Const Aerial Delivery Fac	358.3
97	Patrick	Const Med Tng Facility	870.0
97	Eglin	Add to B/3076 (Eng I&R)	390.0
97	Portland	Structural Maint Shop	772.0
97	Westover	Add to Metal/Welding Shop	327.6
<b>3976.3</b>			
98	Gen Mitch	Survival Equipment Facility	750.0
98	Niagara	Add/Alter Squadron Ops	611.0
98	Minn/St Paul	Multipurpose Fitness Center	974.4
98	Dobbins	ADAL Security Police Ops	1200.0
98	Gen Mitchell	CATM/FATS Facility	375.0
98	Westover	Const Disaster Prep Facil	378.9
<b>4289.3</b>			
99	Kelly	Const Stor Fac (Mob Eq)	385.8
99	McChord	Security Police Facility	1100.0
99	Portland	CATM Tng Facil	472.1
99	Minn/St Paul	Alter Med Tng	453.1
99	Barksdale	Const Wing Education Facil	328.0
99	McChord	Add to B/1210, Aeromed Tng	580.0
99	Youngstown	Add to B/510 for Contracting	598.0
99	McGuire	Medical Training	350.0
99	Barksdale	Const A/C Maint Tng Office	369.0
<b>4636.0</b>			
00	Dobbins	Munitions Storage Facility	335.5
00	Andrews	Mob W/house Adn, B/3756	386.9
00	Kelly	Alter Medical Training Fac	385.1
00	Robins	ADAL B/222 - 94APSS	385.6
<b>1493.1</b>			
			<b>4741.0</b>

# 95 CFA RATINGS MATRIX BY MISSION ELEMENT

(95 BRAC)

(95 BRAC)

ELEMENT	BRG	DOB	WST	GBM	YNG	PIT	WGR	NGF	OHR	MSP	CAR	HMS	GRS
CMD STF	ADQ	DEG	UNS	UNS	UNS	ADQ	ADQ	DEG	DEG	ADQ	ADQ	DEG	DEG
OPS	ADQ	DEG	DEG	UNS	UNS	DEG							
OPS INF	ADQ	ADQ	DEG	DEG	UNS	DEG	DEG	DEG	DEG	ADQ	ADQ	UNS	UNS
LOG	ADQ	DEG	DEG	DEG	UNS	UNS	ADQ	DEG	DEG	DEG	ADQ	DEG	UNS
SUP	ADQ	DEG	UNS	UNS	UNS	DEG	DEG	DEG	DEG	DEG	ADQ	DEG	UNS
COMINF	ADQ	ADQ	DEG	DEG	DEG	ADQ	ADQ	DEG	DEG	ADQ	ADQ	DEG	DEG
MED	UNS	ADQ	DEG	UNS	DEG	DEG	ADQ	ADQ	ADQ	DEG	ADQ	ADQ	UNS
SUMM	ADQ	DEG	DEG	DEG	UNS	DEG	DEG	DEG	DEG	DEG	ADQ	DEG	DEG

270710

# 95 CFA HOST BASE SUMMARY (\$K)

CATEGORY	UNS		DEG		ADQ		TOTAL	
	MILCON	O&M	MILCON	O&M	MILCON	O&M	MILCON	O&M
CMD STAFF	\$50.00	\$2,395.00	\$3,254.00	\$1,919.00	\$0.00	\$92.50	\$3,304.00	\$4,406.50
OPERATIONS	\$8,025.00	\$3,848.70	\$2,132.50	\$5,826.50	\$1.50	\$1,439.60	\$10,159.00	\$11,114.80
LOGISTICS	\$15,985.00	\$21,392.60	\$25,440.30	\$22,916.70	\$0.00	\$4,606.10	\$41,425.30	\$48,915.40
SUPPORT	\$52,076.70	\$54,333.30	\$23,263.20	\$24,111.70	\$424.70	\$5,097.80	\$75,764.60	\$83,542.80
MEDICAL	\$0.00	\$300.00	\$2,827.70	\$642.00	\$0.00	\$40.00	\$2,827.70	\$982.00
OPSNFR	\$4,354.00	\$11,710.00	\$1,290.00	\$5,763.50	\$0.00	\$1,702.90	\$5,644.00	\$19,176.40
COMMINFR	\$5,700.00	\$1,329.70	\$4,465.00	\$25,233.50	\$713.00	\$6,351.90	\$10,878.00	\$32,915.10
<b>OVERALL</b>	<b>\$86,190.70</b>	<b>\$95,309.30</b>	<b>\$62,672.70</b>	<b>\$86,412.90</b>	<b>\$1,139.20</b>	<b>\$19,330.80</b>	<b>\$150,002.60</b>	<b>\$201,053.00</b>

# BRAC POLICY GUIDANCE

- WORK UNDER CONSTRUCTION WILL CONTINUE
- NEW INVESTMENTS ACCOMPLISHED ONLY TO SATISFY LEGAL, HEALTH, SAFETY, ENVIRONMENTAL OR REGULATORY REQUIREMENTS
- ROUTINE MAINTENANCE AND SERVICES CONTINUE
- CONSTRUCTION NOT UNDER CONTRACT DEFERRED PENDING FINAL DECISION ON BRAC
- DESIGNS DEFERRED AT APPROPRIATE PHASE OF DESIGN

AT&T 11'

# HOMESTEAD SUMMARY

- 95 BRAC PROPOSAL REALIGNS 301ST TO PATRICK AFB
- HOMESTEAD SUMMARY:

<u>FY</u>	<u># OF PROJS</u>	<u>DSN/CNS</u>	<u>BUDGET</u>	<u>COST</u>	<u>STATUS</u>
92SA	33	24/9	\$66.0M	\$75.6M	VARIES
92	1	1/0	\$ 1.1M	\$ 0.9M	GO
94	1	1/0	\$ 2.7M	\$ 2.5M	GO
95	4	2/2	\$ 7.1M	\$ 7.7M	GO
97	1	1/0	\$ 1.3M	\$ 1.3M	GO

# HOMESTEAD 92SA DESIGN/CONSTRUCTION PLAN

PACKAGE	482ND	JOINT FAC	301ST	STATUS
INTERIM	VAR			
ELECT	1			COMPLETE
FANG	2			COMPLETE
TOWER	1			CONSTR
TOWER EQUIP	1			CONSTR
194	1			DESIGN
741	1			CONSTR
#1	8 (10)			RTA
#2		2	7	RFP
#3	4			HOLD
#4	1(2)	1		BID OPEN
#5	1(2)			DESIGN
FIRING RANGE	1			DESIGN
				BID OPEN

TOTAL PROJECTS    23                      3                      7

COST                      \$50.1M                      \$2.2M                      \$23.3M

HR05MAR04/24/05 P.20

120

# BERGSTROM SUMMARY

- 95 BRAC PROPOSAL CLOSES BERGSTROM ARB

- BERGSTROM SUMMARY:

<u>FY</u>	<u># OF PROJECTS</u>	<u>DSN/CNS</u>	<u>BUDGET</u>	<u>COST</u>
BRAC 93	10	8/2	\$15.4M	\$15.4M

ALL PROJECTS ON HOLD EXCEPT:

LOX - UNDER CONSTRUCTION

FUEL HEADER - ENVIRONMENTAL COMPLIANCE

- PLAN:

HOLD DESIGNS PENDING BRAC FINAL DECISION - SEP 95

# PITTSBURGH SUMMARY

- 95 BRAC PROPOSAL CLOSES PITTSBURGH ARB

- PITTSBURGH SUMMARY:

<u>FY</u>	<u># OF PROJECTS</u>	<u>DSN/CNS</u>	<u>BUDGET</u>	<u>COST</u>
94	3	3/0	\$8.7M	\$14.1M

ALL PROJECTS ON HOLD

- PLAN:

HOLD DESIGNS PENDING BRAC FINAL DECISION - SEP 95

# SUMMARY OF CHANGES FY 97- 01

- **PA INCREASES FOR FY97**
  - **MAXWELL (AIRCRAFT MAINT HANGAR) \$5.5M TO \$7.2M ; MOVED TO PRIORITY ONE IN FY98**
- **MOVED UP 3 FY98 PROJECTS**
  - **KELLY (AERIAL PORT TNG FAC) NOW FY97 PRIORITY 4**
  - **SCOTT (MED TNG FAC) NOW FY97 PRIORITY 5**
  - **DOBBINS (ADAL ELECT-COMM FAC) NOW FY97 PRIORITY 6**
- **PA & TOA INCREASES FOR FY98**
  - **ANDREWS (ALTER WING HQ) \$1.9M TO \$ 3.7M : MOVED TO PRIORITY ONE IN FY00**
  - **LOBBY AETC FOR MAXWELL PROJECT FY98 TOA DISCONNECT OF \$0.812M**
- **NEW MISSION, TINKER (ADAL AIRCRAFT HANGAR): MOVED TO PRIORITY ONE IN FY99**
- **UNFUNDED NEW MISSION PROJECTS PLACED IN FY01**

# RECOMMENDATION

**COMMAND FACILITY BOARD APPROVE:**

- **FY 97 - 99 MILCON PROGRAM LIST**
- **FY 96 P-341 PROGRAM LIST**

Document Separator



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

**COMMISSIONERS:**

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

May 26, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

Please refer to this number  
when responding 950526-10

ibc

Dear General Blume:

We request you provide any additional backup information to the changed COBRA as a result of the site survey for Rome Lab. Because the COBRA run for Rome Lab has changed significantly, we need the back up information in order to complete our analysis.

To assist the Commission in its work, we request this information to be provided by Jun 1, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE  
Air Force Team Leader

Document Separator



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

130 MAY 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo)

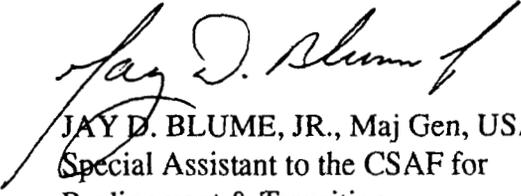
FROM: HQ USAF/RT

SUBJECT: Rome Laboratory Site Survey Data for COBRA Analysis

166  
950526-10

Attached is the supporting data from the site survey for the Rome Laboratory COBRA analysis. The site survey, along with the incorporation of the Phillips Laboratory Geophysics Directorate downsizing at Hanscom AFB, identified additional space available for incoming missions. In addition, a slot by slot review of the personnel authorizations identified additional support staff that will be eliminated by this consolidation.

My point of contact for this action is Captain R. Curtis McNeil, AF/RT, (703) 695-6766.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Special Assistant to the CSAF for  
Realignment & Transition

Attachments:

1. Personnel Data Sheet
2. MILCON Data

FOR OFFICIAL USE ONLY

## BRAC95 MANPOWER IMPACT WORKSHEET

BASE: Rome Lab (Griffiss AFB)

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
<b>UMD MANPOWER (as of Mar 95)</b>	84	40	831	955	0	955
<b>MIL/CIV CONVERSION</b>	-74	-40	114	0	0	0
<b>DORN REDUCTIONS (prior to closure)</b>	0	0	-61	(61)	0	(61)
<b>ADJUSTED MANPOWER BASELINE</b>	<b>10</b>	<b>0</b>	<b>884</b>	<b>894</b>	<b>0</b>	<b>894</b>
<b>MANPOWER IMPACTS</b>						
Move lab functions to Hanscom	-10	0	-447	-457	0	-457
BOS tail	0	0	-43	(43)	0	-43
Move lab functions to Ft Monmouth	0	0	-216	-216	0	-216
BOS tail	0	0	-20	(20)	0	-20
Remain in place at Griffiss	0	0	-60	(60)	0	-60
BOS tail	0	0	-5	(5)	0	-5
<b>Estimated closure savings</b>	<b>0</b>	<b>0</b>	<b>93</b>	<b>93</b>	<b>0</b>	<b>93</b>



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS ELECTRONIC SYSTEMS CENTER (AFMC)  
HANSCOM AIR FORCE BASE, MASSACHUSETTS 01731

MAY 23 1995

MEMORANDUM FOR HQ USAF/RT

FROM: ESC/IG

SUBJECT: Updated Cost Estimate Based on Site Survey Results

1. Attached is an updated cost estimate for the realignment of Rome Lab to Hanscom AFB, MA and Ft Monmouth, NJ. This estimate is based on your direction of 17 May 95 to assume that all terrestrial geophysics work at Hanscom AFB will be eliminated by the Air Force.

2. Should you have any questions or comments, our POC is Mr Bob Lee at DSN 478-4338.

THOMAS J. MACKAY  
Colonel, USAF  
Inspector General

Attachment

Update to 28 Apr 95 Rome Lab Realignment Estimate

MAY 23 1995

**CERTIFICATION STATEMENT**

Per verbal Air Staff tasking (18 May 95, HQ USAF/RT), Hanscom was directed to cost an option to move Rome Lab to Hanscom, assuming elimination of "non-space related efforts conducted by the Phillips Laboratory (Geophysics)".

We split the Phillips Lab divisions (approximately) along the space/non-space lines, with the management, operations and support staff pro-rated according to the percentage of space/non-space authorizations (Source: Apr 95 UMD).

**Space**

Space Experiments  
Advanced Weapons and Survivability  
Space and Missiles Technology  
Space Physics  
Ionospheric Effects

**Non-Space**

Atmospheric Sciences  
Data Analysis  
Optical Environment  
Earth Sciences

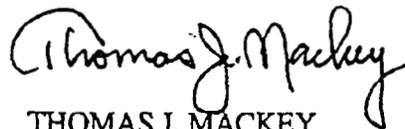
Total Space Personnel: 200

Total Non-Space Personnel: 164

By assuming that physical space would only be required for space-related Phillips Lab/Hanscom authorizations, additional buildings and space became available to accommodate Rome Lab personnel. We reduced the MILCON/minor construction bill for Hanscom from \$26.398M to \$20.846M.

Also, we added \$100K for moving costs to consolidate current Phillips Lab and Rome Lab residents, and thereby make room for Rome Lab directorates to remain together after the proposed move.

I certify that the information contained herein is true and accurate to the best of my knowledge.



THOMAS J. MACKEY  
Colonel, USAF  
Inspector General

**Attachments**

1. New roll-up estimate for proposed RL move
2. Hanscom AFB Maps
3. CE Spreadsheet Roll-Up

BASE CLOSURE COST ESTIMATE

P.04/07

P.004

8-2239707

TO

FROM COMMAND SECTION

10:10

MAY-23-1995

BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	REQUEST TOTAL	AMOUNT (BY95\$M)						REMARKS (sheet #)	REDIR (YorN)	APPR AMT	KEY
								96	97	98	99	00	01				
				100	110	CONSTRUCT NEW FACILITY-SubTotal	30.027	0	30.027	0	0	0	0				
HAN	HAN1001	GSS	HAN			MXRD950131	3.715		3.715					RH1001-CE			
HAN	HAN1002	GSS	HAN			MXRD950132	3.176		3.176								
HAN	HAN1003	GSS	HAN			MXRD950134	1.112		1.112								
HAN	HAN1004	GSS	HAN			MXRD950136	1.228		1.228								
HAN	HAN1005	GSS	HAN			MXRD950137	1.069		1.069					RH1003-CE			
HAN	HAN1006	GSS	HAN			MXRD950138	0.398		0.398								
HAN	HAN1007	GSS	HAN			MXRD950139	0.507		0.507					RH1004-CE			
HAN	HAN1008	GSS	HAN			MXRD950140	7.972		7.972								
MON	MON100	GSS	MON			MXRD950085	9.200		9.200					RH1005-CE			
MON	MON100	GSS	MON			MXRD950086	1.650		1.650					RH1006-CE			
				100	120	PLAN & DESIGN (8.5% of Constructio	2.552	2.552		0	0	0	0				
HAN	HAN1001	GSS	HAN			MXRD950131	0.318	0.318						RH1001-CE			
HAN	HAN1002	GSS	HAN			MXRD950132	0.270	0.270									
HAN	HAN1003	GSS	HAN			MXRD950134	0.095	0.095									
HAN	HAN1004	GSS	HAN			MXRD950136	0.104	0.104									
HAN	HAN1005	GSS	HAN			MXRD950137	0.091	0.091						RH1003-CE			
HAN	HAN1006	GSS	HAN			MXRD950138	0.034	0.034									
HAN	HAN1007	GSS	HAN			MXRD950139	0.043	0.043						RH1004-CE			
HAN	HAN1008	GSS	HAN			MXRD950140	0.678	0.678									
MON	MON100	GSS	MON			MXRD950085	0.782	0.782						RH1005-CE			
MON	MON100	GSS	MON			MXRD950086	0.140	0.140						RH1006-CE			
						SUBTOTAL 100	32.579	2.552	30.027	0.000	0.000	0.000	0.000				
				200	210	CONSTRUCT MIL FAM HOUSING											
						SUBTOTAL 200	0.000	0.000	0.000	0.000	0.000	0.000	0.000				
				300		OPERATIONS & MAINTENANCE											
GSS	GSS3012	GSS	GSS	300	310	CIVILIAN SEVERANCE	4.161	0	1.489	1.581	1.091	0	0	RH3012			
GSS	GSS3013	GSS	GSS	300	320	CIVILIAN PCS	5.675	0	2.700	1.250	1.725	0	0	RH3013			
				300	330	TRANSPORTATION OF THINGS	2.987		2.987								
GSS	GSS3010	GSS	GSS			Packing, Shipment	2.887	0	2.887	0	0	0	0	RH3010-LG			

EXEC SERVICES

MAY-23-1995 08:59

GRIFFISS/ROME LAB

BASE CLOSURE COST ESTIMATE

P.05/07

B-2239707

TO

FROM COMMAND SECTION

10:10

MAY-23-1995

ROMELAB2.XLS

AMOUNT (BY95\$M)

BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	REQUEST TOTAL	96	97	98	99	00	01	REMARKS (sheet #)	REDIR (YorN)	APPR AMT	KEY
		HAN				Relocation within Phillips Lab	0.100	0	0.100	0	0	0	0				
HAN	HAN3001	GSS	HAN	300	340	REAL PROPERTY MAINTENANCE	0.000	0	0	0	0	0	0	RH340-CE			

P.005

EXEC SERVICES

08:59

MAY-23-1995

Current as of:  
5/23/95 8:07 AM

rev. 2

BASE CLOSURE COST ESTIMATE

P. 06/07

B-2239707

TO

FROM COMMAND SECTION

10:11

MAY-23-1995

BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	AMOUNT (BY95\$M)					REMARKS (sheet #)	REDIR (YorN)	APPR AMT	KEY	
							REQUEST TOTAL	96	97	98	99					00
				300		341 CIVILIAN PAY	11.132	0	5.209	1.562	4.298	0	0			
GSS	GSS3014	GSS	GSS			Unemployment	1.771		0.725	0.562	0.484			RH3014		
GSS	GSS3014	GSS	GSS			Voluntary Separation Incentives	0.625		0.000	0.000	0.625	0		RH3014		
		GSS	GSS			Health Coverage	0.188		0.000	0.000	0.125	0.063				
		GSS	GSS			Lump Sum Annual Leave	8.548		4.484	1.000	3.064					
				300		342 TRAVEL - Subtotal	0.950	0.397	0.553	0	0	0	0			
GSS	GSS3001	GSS	HAN			ESC Travel - SC	0.117	0.039	0.078					RH342-SC		
HAN	HAN3008	GSS	HAN			ESC Travel - DP	0.080	0.028	0.054					RH342-DP		
HAN	HAN3002	GSS	HAN			ESC Travel - CE	0.017	0.017	0					RH342-CE		
		GSS	GSS			Rome Lab	0.577	0.250	0.327							
		GSS	GSS			HQ	0.059	0.025	0.034							
		GSS	MON			Ft. Monmouth	0.100	0.040	0.060							
				300		343 COMMUNICATIONS - Sub-total	4.939	0	4.939	0	0	0	0			
GSS		GSS	GSS			New York	0.799		0.799							
HAN	HAN3007	GSS	HAN			Hanscom Requirements	2.878		2.878					RH343-SC		
MON	MONXXX	GSS	MON			Ft. Monmouth Requirements	1.262		1.262							
HAN	HAN3003		HAN			344 UTILITIES & RENTS	0									
			HAN			345 PURCHASED EQUIP MAINT	0									
HAN	HAN3004	GSS	HAN			346 OTHER PURCHASED SERVICES	5.776	0.055	2.768	2.580	0.383	0	0			
HAN	GSS3020	GSS	GSS			Pickling Rome Lab	0.766			0.383	0.383			RH3020		
HAN	HAN3346	GSS	GSS			Deinstall/Reinstall (RL to Hanscom)	2.461		1.129	1.332				RH3011		
HAN		GSS	GSS			Deinstall/Reinstall (RL to Ft.Mon)	2.280		1.415	0.865				RH3011		
HAN	HAN3200	GSS	HAN			PME Recertification/Recalibration	0.214		0.214					RH3200		
HAN	HAN3300	GSS	HAN			Building Vibration Study	0.055	0.055						RH3300		
HAN	HAN3005	GSS	HAN			347 SUPPLIES	0.000	0	0	0	0	0	0			
				300		348 EQUIPMENT	7.429	0.000	7.429							
MON	HAN5001	GSS	MON			E3RC / C3 Chamber	5.010		5.01							
HAN	HAN5001	GSS	HAN			Anechoic Chamber	2.169		2.169					RH5001		
HAN		GSS	HAN			Supplement HAN Equip Pools	0.125		0.125							
HAN		GSS	MON			Supplement MON Equip Pools	0.125		0.125							

P. 006

EXEC SERVICES

MAY-23-1995 08:59

GRIFFISS/ROME LAB

BASE CLOSURE COST ESTIMATE

P. 07-07

8-2239707

TO

FROM COMMAND SECTION

MAY-23-1995 10:11

TOTAL P. 07  
P. 007

EXEC SERVICES

MAY-23-1995 09:00

BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	REQUEST TOTAL	AMOUNT ( BY95\$M)							REMARKS (sheet #)	REDIR (YorN)	APPR AMT
								96	97	98	99	00	01				
				300	349	MINOR CONSTRUCTION PROJECTS	0.378	0.030	0.348								
HAN	HAN3009	GSS	HAN			MXRD950135	0.068		0.068								RH3007-CE
HAN	HAN3009	GSS	HAN			Planning & Design (8.5%)	0.006	0.006									
GSS	GSS3015	GSS	GSS			Build Adm space @ GSS Fab Shop	0.280		0.280								RH3008-CE
GSS	GSS3015	GSS	GSS			Planning & Design (8.5%)	0.024	0.024									
				300	350-358												
				SUBTOTAL 300			43.427	0.482	28.412	6.973	7.497	0.063	0.000				
				500		PROCUREMENT TYPE ITEMS											
				500	510	BASE PROCURED EQUIPMENT	0	0	0	0	0	0	0				
				SUBTOTAL 500			0	0	0	0	0	0	0				
GSS	GSS6001	GSS	GSS	600	620	AIR QUALITY	0.014		0.014								RH6001
GSS	GSS6002	GSS	GSS		650	POL & USTs	0.016		0.016								RH6002
HAN	HAN6001	GSS	HAN		690	EIS/EBS	0.090	0.090									RH6003
				SUBTOTAL 600			0.120	0.090	0.000	0.030	0	0	0				
				PROGRAM TOTAL (\$M)			76.126	3.124	58.439	7.003	7.497	0	0				

\* Does not include a contingency fund of \$3.0 M to completely contone the existing FAB Shop should no support / services be available at a closed Griffiss AFB.

Line #	ROME LAB	Total	FY96	FY97	FY98	FY99	FY00	FY01
100	Total MILCON	32.579	2.552	30.027	0.000	0.000	0	0
200	Total MIL FAM HOUSING	0.000	0	0	0	0	0	0
300	Total OPS & MAINT	43.427	0.482	28.412	6.973	7.497	0	0
600	Total ENVIRONMENTAL	0.120	0.090	0.000	0.030	0.000	0	0
	TOTAL BY95\$M	76.126	3.124	58.439	7.003	7.497	0	0

OSD Weighted Indices (JAN95)	PPN 3300	1.0966	1.1295	1.1634	1.1983	1.2343	1.2713
	APPN 3400	1.0541	1.0857	1.1183	1.1518	1.1864	1.2219

Line #	ROME LAB	Total	FY96	FY97	FY98	FY99	FY00	FY01
100	Total MILCON	36.714	2.799	33.915	0	0	0	0
200	Total MIL FAM HOUSING	0.000	0	0	0	0	0	0
300	Total OPS & MAINT	47.862	0.508	30.847	7.798	8.635	0	0
600	Total ENVIRONMENTAL	0.128	0.095	0.000	0.034	0.000	0	0
	TOTAL TY\$M	84.705	3.401	64.763	7.831	8.635	0	0

ROMELAB2.XLS

Current as of:  
5/23/95 8:19 AM

rev. 2



Intelligence Directorate  
(1105B)

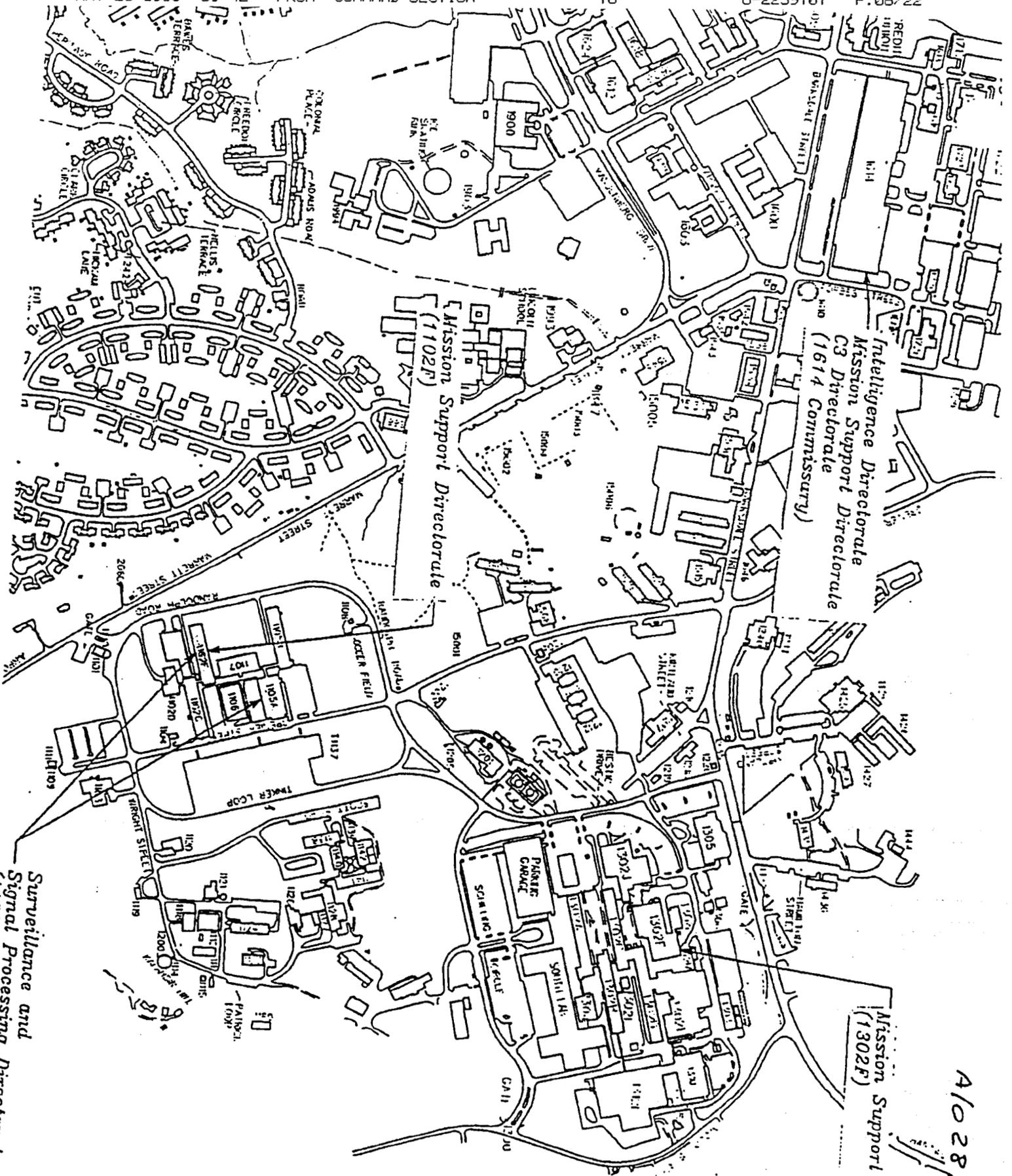
Surveillance and  
Signal Processing Directorate  
(1102D & 1105A)

C3 Directorate  
(1614 Commissary)

Mission Support  
(1302F, 1302FA & 1508)

Electromagnetics &  
Reliability Directorate  
(1120 & 1140)

A10 22 MAY



Surveillance and  
Signal Processing  
Directorate  
(1102F & 1105A)

Mission Support  
(1302F)

A1028 APR 95

VO  
P.008

5/22/95	Option 5E	Total # People	644
Total Space Provided, SF		213,140	
<b>Cost Summary Option 5E</b>			
Organization		Cost \$000	
		<b>OPTION 5E</b>	
OC →1105A Opt. 5E		\$3,186	
OC →1102D Opt. 5E		\$954	
IR →1105B(b,1,2&3) Opt. 5E		\$2,724	
C3 →1614 Opt. 5E		\$6,837	
MS →1302FA Opt. 5E		\$917	
MS →1508 Opt. 5E		\$58	
MS →1302F(2&3) Opt. 5E		\$1,053	
RL/ER →1120 Opt. 5E		\$435	
RL/ER →1140 Opt. 5E		\$314	
<b>Sub Totals</b>			
Contingency(10%(renov.) or 5%(new))		\$16,477	
<b>TOTAL CONTRACT PRICE</b>		\$1,648	
Supervision, Inspection & Overhead(6.0%)		\$18,125	
<b>TOTAL REQUEST</b>		\$1,088	
		\$19,213	
Local Moving Cost(200 @ \$500/person)		\$100	



















BASE CLOSURE COST ESTIMATE

MAY-23-1995 08:38

EXEC SERVICES

AMOUNT (BY95\$M)

BASE [ABB]	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	REQUEST TOTAL	96	97	98	99	00	01	REMARKS (sheet #)	REDIR (YorN)	AMT KEY
				100		110 CONSTRUCT NEW FACILITY-SubTotal	30.027	0	30.027	0	0	0	0			
HAN	HAN1001	GSS	HAN			MXRD950131	3.715		3.715					RH1001-CE		
HAN	HAN1002	GSS	HAN			MXRD950132	3.176		3.176							
HAN	HAN1003	GSS	HAN			MXRD950134	1.112		1.112							
HAN	HAN1004	GSS	HAN			MXRD950136	1.228		1.228							
HAN	HAN1005	GSS	HAN			MXRD950137	1.069		1.069					RH1003-CE		
HAN	HAN1006	GSS	HAN			MXRD950138	0.398		0.398							
HAN	HAN1007	GSS	HAN			MXRD950139	0.507		0.507					RH1004-CE		
HAN	HAN1008	GSS	HAN			MXRD950140	7.972		7.972							
MON	MON100	GSS	MON			MXRD950085	9.200		9.200					RH1005-CE		
MON	MON100	GSS	MON			MXRD950086	1.650		1.650					RH1006-CE		
				100		120 PLAN & DESIGN (8.5% of Constructio	2.552	2.552		0	0	0	0			
HAN	HAN1001	GSS	HAN			MXRD950131	0.316	0.316						RH1001-CE		
HAN	HAN1002	GSS	HAN			MXRD950132	0.270	0.270								
HAN	HAN1003	GSS	HAN			MXRD950134	0.095	0.095								
HAN	HAN1004	GSS	HAN			MXRD950136	0.104	0.104								
HAN	HAN1005	GSS	HAN			MXRD950137	0.091	0.091						RH1003-CE		
HAN	HAN1006	GSS	HAN			MXRD950138	0.034	0.034								
HAN	HAN1007	GSS	HAN			MXRD950139	0.043	0.043						RH1004-CE		
HAN	HAN1008	GSS	HAN			MXRD950140	0.678	0.678								
MON	MON100	GSS	MON			MXRD950085	0.782	0.782						RH1005-CE		
MON	MON100	GSS	MON			MXRD950086	0.140	0.140						RH1006-CE		
						SUBTOTAL 100	32.579	2.552	30.027	0.000	0.000	0.000	0.000			
				200		210 CONSTRUCT MIL FAM HOUSING										
						SUBTOTAL 200	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
				300		OPERATIONS & MAINTENANCE										
GSS	GSS3012	GSS	GSS	300		310 CIVILIAN SEVERANCE	4.161	0	1.489	1.581	1.091	0	0	RH3012		
GSS	GSS3013	GSS	GSS	300		320 CIVILIAN PCS	5.675	0	2.700	1.250	1.725	0	0	RH3013		
				300		330 TRANSPORTATION OF THINGS	2.987		2.987							
GSS	GSS3010	GSS	GSS			Packing, Shipment	2.887	0	2.887	0	0	0	0	RH3010-LG		

ROME LAB2.XLS

Current as of:  
5/23/95 8:07 AM

REV. 2

P.019

00:00:00

09:49

FROM COMMAND SECTION

TO

B-2239787

P.19/22

GRIFFISS/ROME LAB

BASE CLOSURE COST ESTIMATE

BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	REQUEST TOTAL	AMOUNT ( BY95 \$M)					REMARKS (sheet #)	REDIR (YorN)	APPR AMT	KEY
								96	97	98	99	00				
			HAN			Relocation within Phillips Lab	0.100	0	0.100	0	0	0	0			
HAN	HAN3001	GSS	HAN	300	340	REAL PROPERTY MAINTENANCE	0.000	0	0	0	0	0	0	RH340-CE		

MAY-23-1995 08:39

EXEC SERVICES

P.020

ROMELAB2.XLS

Current as of:  
5/23/95 8:07 AM

REV. 2

03:30 H-RUM COMMAND SECTION TO 8-2239707 P.20/22

GRIFFISS/ROME LAB

BASE CLOSURE COST ESTIMATE

BASE (ARB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	REQUEST TOTAL	AMOUNT ( BY95\$M)					REMARKS (sheet #)	REDIR (YorN)	APPR AMT	KEY
								96	97	98	99	00				
					300	341 CIVILIAN PAY	11.132	0	5.209	1.562	4.298	0	0			
GSS	GSS3014	GSS	GSS			Unemployment	1.771		0.725	0.562	0.484					RH3014
GSS	GSS3014	GSS	GSS			Voluntary Separation Incentives	0.625		0.000	0.000	0.625	0				RH3014
		GSS	GSS			Health Coverage	0.188		0.000	0.000	0.126	0.063				
		GSS	GSS			Lump Sum Annual Leave	8.548		4.484	1.000	3.064					
					300	342 TRAVEL - Subtotal	0.950	0.397	0.553	0	0	0	0			
GSS	GSS3001	GSS	HAN			ESC Travel - SC	0.117	0.039	0.078							RH342-SC
HAN	HAN3008	GSS	HAN			ESC Travel - DP	0.080	0.026	0.054							RH342-DP
HAN	HAN3002	GSS	HAN			ESC Travel - CE	0.017	0.017	0							RH342-CE
		GSS	GSS			Rome Lab	0.577	0.260	0.327							
		GSS	GSS			HQ	0.059	0.025	0.034							
		GSS	MON			Ft. Monmouth	0.100	0.040	0.060							
					300	343 COMMUNICATIONS - Sub-total	4.939	0	4.939	0	0	0	0			
GSS		GSS	GSS			New York	0.799		0.799							
HAN	HAN3007	GSS	HAN			Hanscom Requirements	2.878		2.878							RH343-SC
MON	MONXXX	GSS	MON			Ft. Monmouth Requirements	1.262		1.262							
HAN	HAN3003		HAN		300	344 UTILITIES & RENTS	0									
			HAN		300	345 PURCHASED EQUIP MAINT	0									
HAN	HAN3004	GSS	HAN		300	346 OTHER PURCHASED SERVICES	5.778	0.055	2.758	2.580	0.383	0	0			
HAN	GSS3020	GSS	GSS			Pickling Rome Lab	0.766			0.383	0.383					RH3020
HAN	HAN3346	GSS	GSS			Deinstall/Reinstall (RL to Hanscom)	2.481		1.129	1.332						RH3011
HAN		GSS	GSS			Deinstall/Reinstall (RL to Ft.Mon)	2.280		1.415	0.865						RH3011
HAN	HAN3200	GSS	HAN			PME Recertification/Recalibration	0.214		0.214							RH3200
HAN	HAN3300	GSS	HAN			Building Vibration Study	0.055	0.055								RH3300
HAN	HAN3005	GSS	HAN		300	347 SUPPLIES	0.000	0	0	0	0	0	0			
					300	348 EQUIPMENT	7.429	0.000	7.429							
MON	HAN5001	GSS	MON			E3RC / C3 Chamber	6.010		5.01							
HAN	HAN5001	GSS	HAN			Anechoic Chamber	2.169		2.169							RH5001
HAN		GSS	HAN			Supplement HAN Equip Pools	0.125		0.125							
HAN		GSS	MON			Supplement MON Equip Pools	0.125		0.125							

MAY-23-1395 08:40

EXEC SERVICES

P.021

ROMELAB2.XLS

Current as of:  
5/23/95 8:07 AM

REV 2

05-200 FROM COMMAND SECTION TO 9-2239707 P.21/22

GRIFFISS/ROME LAB

BASE CLOSURE COST ESTIMATE

AMOUNT ( BY95\$M)

BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROG	BUDGET PROJ	PROJECT DESCRIPTION	REQUEST TOTAL	96	97	98	99	00	01	REMARKS (sheet #)	REDIR (YorM)	APPR AMT
				300	349	MINOR CONSTRUCTION PROJECTS	0.378	0.030	0.348							
HAN	HAN3009	GSS	HAN			MXRD950135	0.068		0.068					RH3007-CE		
HAN	HAN3009	GSS	HAN			Planning & Design (8.5%)	0.006	0.006								
GSS	GSS3015	GSS	GSS			Build Adm space @ GSS Fab Shop	0.280		0.280					RH3008-CE		
GSS	GSS3015	GSS	GSS			Planning & Design (8.5%)	0.024	0.024								
				300	350-358											
						SUBTOTAL 300	43.427	0.482	28.412	6.973	7.497	0.063	0.000			
				500		PROCUREMENT TYPE ITEMS										
				500	510	BASE PROCURED EQUIPMENT	0	0	0	0	0	0	0			
						SUBTOTAL 500	0	0	0	0	0	0	0			
GSS	GSS6001	GSS	GSS	600	620	AIR QUALITY	0.014		0.014					RH6001		
GSS	GSS6002	GSS	GSS		650	POL & USTs	0.016		0.016					RH6002		
HAN	HAN6001	GSS	HAN		690	EIS/EBS	0.090	0.090						RH6003		
						SUBTOTAL 600	0.120	0.090	0.000	0.030	0	0	0			
						PROGRAM TOTAL (\$M)	76.126	3.124	58.439	7.003	7.497	0	0			

\* Does not include a contingency fund of \$3.0 M to completely contone the existing FAB Shop should no support / services be available at a closed Griffiss AFB.

Line #	ROME LAB	Total	FY96	FY97	FY98	FY99	FY00	FY01
100	Total MILCON	32.579	2.552	30.027	0.000	0.000	0	0
200	Total MIL FAM HOUSING	0.000	0	0	0	0	0	0
300	Total OPS & MAINT	43.427	0.482	28.412	6.973	7.497	0	0
600	Total ENVIRONMENTAL	0.120	0.090	0.000	0.030	0.000	0	0
	TOTAL BY95\$M	76.126	3.124	58.439	7.003	7.497	0	0

OSD Weighted Indices (JAN95)	PPN 3300	1.0966	1.1296	1.1634	1.1983	1.2343	1.2713
	APPN 3400	1.0541	1.0857	1.1183	1.1518	1.1864	1.2219

Line #	ROME LAB	Total	FY96	FY97	FY98	FY99	FY00	FY01
100	Total MILCON	36.714	2.799	33.915	0	0	0	0
200	Total MIL FAM HOUSING	0.000	0	0	0	0	0	0
300	Total OPS & MAINT	47.862	0.508	30.847	7.798	8.635	0	0
600	Total ENVIRONMENTAL	0.128	0.096	0.000	0.034	0.000	0	0
	TOTAL TY\$M	84.705	3.401	64.763	7.831	8.635	0	0

Current as of:  
5/23/96 8:19 AM

rev. 2

MRV-23-1395 08:41

EXEC SERVICES

TOTAL P.22  
P.022

ROMELAB2.XLS

MRV-23-1395 09:52 FROM COMMAND SECTION

TO

8-2239707

P.22/22

Document Separator



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**  
1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:  
AL CORNELLA  
REBECCA COX  
GEN J. B. DAVIS, USAF (RET)  
S. LEE KLING  
RADM BENJAMIN F. MONTOYA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

May 26, 1995

Please refer to this number  
when responding 950526-11

167

Major General Jay Blume (ATTN: Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

Dear General Blume:

At the time of the DoD submission of the Base Closure recommendations to the Commission, the Air Force supplied COBRAs reflecting the costs and savings of closure of two depots and two Air Logistics Centers (ALCs). As you know, the Commission is now considering the closure of all five ALC Installations. For our analysis to be thorough, we require updated closure COBRAs for the two depots and ALCs that had been previously transmitted, and new COBRAs for the other three depots and ALCs.

Please update or create five depot and five ALC closure COBRAs and forward them, along with all back-up worksheets, to the Commission by 10 June 1995.

Sincerely,

Francis A. Cirillo Jr., PE  
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE



09 JUN 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

Defense Base Closure and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, VA 22209

167

950526-11

Dear Mr Cirillo

This is in response to your letter of May 26, 1995, requesting updated COBRA runs for five ALC closures and five depot maintenance closures. The updated COBRA runs for closure of San Antonio ALC and Sacramento ALC supersede previous estimates provided to your staff.

We trust this information is useful for your analysis.

Sincerely

JAY D. BLUME, Jr.  
Major General, USAF

Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachments:

1. Explanation of Changes
2. OO-ALC COBRA
3. SA-ALC COBRA
4. SM-ALC COBRA
5. WR-ALC COBRA
6. OC-ALC COBRA
7. OO-ALC Depot Maintenance COBRA
8. SA-ALC Depot Maintenance COBRA
9. SM-ALC Depot Maintenance COBRA
10. WR-ALC Depot Maintenance COBRA
11. OC-ALC Depot Maintenance COBRA
12. Disk Copy of COBRAs

Document Separator



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON DC

107 JUN 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

168

950530-3

Defense Base Closure and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, VA 22209

Dear Mr. Cirillo,

This is in response to your letter of May 27, 1995, requesting information on Youngstown-Warren ARS, concerning the 16 aircraft program and other organizational and maintenance issues.

We trust this information is useful for your analysis.

Sincerely,

JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachment:  
Youngstown answers

QUESTION: Does Youngstown currently have the aircraft parking area to accommodate the 16 aircraft?

ANSWER: Youngstown currently has the capacity for 12 C-130s. FY96 budget includes a project to expand ramp capacity to accommodate 16 C-130s.

QUESTION: What are the MILCON projects and costs required to support the 16 C-130s?

ANSWER:

FY	PROGRAM	PROJECT	PA (\$M)
96	PB	ADAL ELEC SUBSTATION	4.23
	PB	AIRCRAFT PARKING APRON	3.35
97	APOM	ADAL SQUAD OPS	1.5
	APOM	ADAL ENG/AVI/SUR SHOPS	3.6
	APOM	ADAL BASE SUPPLY	2.8
	APOM	ADAL MISC MX FAC	1
	APOM	DESIGN	2
98	APOM	WING HQ	5.2

Cost (Primary Program Element/PPE) for one eight PAA C-130 squadron is approximately \$17.3M per year (through the FYDP). Cost (PPE) for two eight PAA C-130 squadrons (at the same location) is approximately \$30.3M per year (through the FYDP). Cost (PPE) for a 16 PAA C-130 unit is approximately \$28.6M per year (through the FYDP).

QUESTION: Since there is documented excess capacity at so many Air Force Reserve C-130 locations would it be less costly to distribute the aircraft to more than one location? What would be the cost for distribution to two C-130 installations?

ANSWER: The excess capacity, identified in the AFR capacity analysis, in and of itself does not mean that the AFR mission can be supported at that location. The capacity analysis only identified the physical capability of a location to accommodate additional airframes. A critical factor and one of the limiting factors in redistributing the C-130s are the demographics and the associated ability to recruit and train personnel. The Air Force Reserve (AFR) Capacity Analysis, using FY94/4 data, documents the following capacity at the AFR C-130 locations:

BASE/# Acft	EXCESS CAPACITY	ROBUST CAPACITY
O'Hare/8	1 C-130 Sq/\$5.0M MILCON	4 C-130s/\$0.0M
Dobbins/8	1 C-130 Sq/\$8.44M MILCON	4 C-130s/\$0.0M
Mitchell/8	1 C-130 Sq/\$4.0M MILCON	4 C-130s/\$0.6M
Minn - St. Paul/8	None	4 C-130s/\$3.24M
Niagara/8	None	4 C-130s/\$0.6M
Pittsburgh/8	None	None
Willow Grove/12	1 C-130 Sq/\$6.0M MILCON	4 C-130s/\$0.0M
Youngstown/8	1 C-130 Sq/\$12.0M MILCON	4 C-130s/\$0.0M

In addition to the MILCON, the other costs, for example recruiting and training, and moving, will depend on what installation is closed and where the force structure is moved.

**QUESTION:** The Commission notes in the force structure plan there is a reduction in C-130 assets in FY97. With the planned infrastructure increases at Youngstown, the Air Force appears to be increasing capacity. Please explain.

**ANSWER:** The FY97-01 POM delayed the AFR C-130 reduction to FY98. AFRES plans to work this issue next year, either through a unit conversion or PAA to BAI conversion.

**QUESTION:** Please provide rationale for the organizational and maintenance expansion being planned for Youngstown-Warren MPT ARS.

**ANSWER:** Organizational and maintenance expansion at Youngstown is required to support the two operational squadrons and aerial spray mission. It was directed by DEPSECDEF memorandum.



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ADMIRAL BENJAMIN F. MONTOYA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

May 27, 1995

Major General Jay D. Blume, Jr. (Attn: Lt Col Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

Dear General Blume:

Information received by the Commission indicates a large current and future MILCON program for Youngstown-Warren MPT Air Reserve Station to accommodate 16 C-130 aircraft and other organizational and maintenance increases. In this regard, request you provide responses to the following questions:

- a. Does Youngstown currently have the aircraft parking area to accommodate the 16 aircraft?
- b. What are the total MILCON projects and costs required to support the 16 C-130s?
- c. Since there is documented excess capacity at so many Air Force Reserve C-130 locations would it be less costly to distribute the aircraft to more than one location? What would be the cost for distribution to two C-130 installations?
- d. The Commission notes in the force structure plan there is a reduction in C-130 assets in FY 97. With the planned infrastructure increases at Youngstown, the Air Force appears to be increasing capacity. Please explain.
- e. Please provide rationale for the organizational and maintenance expansion being planned for Youngstown-Warren MPT ARS.

*2 part question*

Please forward your response by June 7, 1995.

Your continued support and cooperation are greatly appreciated.

Sincerely,

Francis A. Cirillo, Jr, P.E.  
Air Force Team Leader

RT550  
\*\* TOTAL PAGE 002 \*\*  
P.002



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

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WENDI LOUISE STEELE

May 27, 1995

Major General Jay D. Blume, Jr. (Attn: Lt Col Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington D.C. 20330-1670

168  
Please refer to this number

when responding 450530-3

Dear General Blume:

Information received by the Commission indicates a large current and future MILCON program for Youngstown-Warren MPT Air Reserve Station to accommodate 16 C-130 aircraft and other organizational and maintenance increases. In this regard, request you provide responses to the following questions:

- a. Does Youngstown currently have the aircraft parking area to accommodate the 16 aircraft?
- b. What are the total MILCON projects and costs required to support the 16 C-130s?
- c. Since there is documented excess capacity at so many Air Force Reserve C-130 locations would it be less costly to distribute the aircraft to more than one location? What would be the cost for distribution to two C-130 installations?
- d. The Commission notes in the force structure plan there is a reduction in C-130 assets in FY 97. With the planned infrastructure increases at Youngstown, the Air Force appears to be increasing capacity. Please explain.
- e. Please provide rationale for the organizational and maintenance expansion being planned for Youngstown-Warren MPT ARS.

Please forward your response by June 7, 1995.

Your continued support and cooperation are greatly appreciated.

Sincerely,

Francis A. Cirillo, Jr, P.E.  
Air Force Team Leader

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

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RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

June 1, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

171  
Please refer to this information  
950601-1

Dear General Blume:

We request you conduct updates to the Level Playing Field COBRAs for Columbus AFB, Laughlin AFB, and Vance AFB. These focused COBRAs should be done with the same assumptions and updated personnel numbers as was done for the recently completed Reese AFB site survey COBRA.

These updated COBRA runs are needed to provide an apples-to-apples comparison between Reese AFB and the three bases added from the UPT category at the 10 May Adds Hearing. If these runs are not received we will be forced to use the Level Playing Field COBRA runs for all four UPT bases at the Final Deliberations Hearing. We would much prefer to use focused COBRA runs since these would more accurately reflect the Return on Investment to the Air Force for closing a UPT base.

In order to assist the Commission in its work, we request this information to be provided no later than June 12, 1995. My point of contact for this request is Lt Col Beyer. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE  
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

171  
950601-1

12 JUN 1995

HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

Defense Base Closure and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, VA 22209

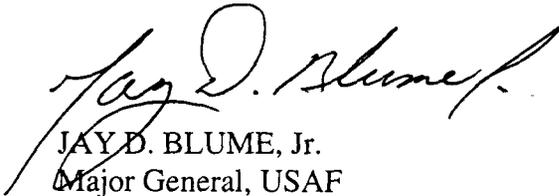
Dear Mr. Cirillo

This is in response to your letter of June 1, 1995, (Commission number: 950601-1) requesting focused COBRA runs for Columbus AFB, Laughlin AFB, and Vance AFB.

The attached COBRA runs were accomplished using the same assumptions as the recently completed site survey COBRA run for Reese AFB. However, these COBRA runs are based on table top estimates and do not reflect the fidelity available after a site survey is conducted.

We trust this information is useful for your analysis.

Sincerely



JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition

Attachment:  
UPT COBRA's

Document Separator

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1999 (2 Years)

NPV in 2015(\$K): -474,469  
 1-Time Cost(\$K): 58,626

	Net Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	161	11,799	0	0	0	0	11,960	0
Person	0	-7,004	-25,301	-25,301	-25,301	-25,301	-108,208	-25,301
Overhd	637	-4,096	-12,533	-12,533	-12,533	-12,533	-53,593	-12,533
Moving	0	9,192	0	0	0	0	9,192	0
Missio	0	0	0	0	0	0	0	0
Other	8,930	16,980	500	0	0	0	26,410	0
<b>TOTAL</b>	<b>9,728</b>	<b>26,870</b>	<b>-37,334</b>	<b>-37,834</b>	<b>-37,834</b>	<b>-37,834</b>	<b>-114,240</b>	<b>-37,834</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	120	0	0	0	0	120
Enl	0	458	0	0	0	0	458
Civ	0	32	0	0	0	0	32
<b>TOT</b>	<b>0</b>	<b>610</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>610</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	0	259	0	0	0	0	259
Enl	0	196	0	0	0	0	196
Stu	0	249	0	0	0	0	249
Civ	0	299	0	0	0	0	299
<b>TOT</b>	<b>0</b>	<b>1,003</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,003</b>

Summary:

-----  
 COMMISSION REQUEST. DOES NOT REFLECT AIR FORCE POSITION

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	1,311	11,799	0	0	0	0	13,110	0
Person	0	6,740	2,187	2,187	2,187	2,187	15,490	2,187
Overhd	4,018	5,075	4,447	4,447	4,447	4,447	26,880	4,447
Moving	0	9,906	0	0	0	0	9,906	0
Missio	0	0	0	0	0	0	0	0
Other	8,930	16,980	500	0	0	0	26,410	0
<b>TOTAL</b>	<b>14,259</b>	<b>50,499</b>	<b>7,134</b>	<b>6,634</b>	<b>6,634</b>	<b>6,634</b>	<b>91,795</b>	<b>6,634</b>

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	1,150	0	0	0	0	0	1,150	0
Person	0	13,744	27,488	27,488	27,488	27,488	123,698	27,488
Overhd	3,381	9,171	16,980	16,980	16,980	16,980	80,473	16,980
Moving	0	714	0	0	0	0	714	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>4,531</b>	<b>23,629</b>	<b>44,469</b>	<b>44,469</b>	<b>44,469</b>	<b>44,469</b>	<b>206,035</b>	<b>44,469</b>

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	1,311	11,799	0	0	0	0	13,110
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	0	582	0	0	0	0	582
Civ Retire	0	134	0	0	0	0	134
<b>CIV MOVING</b>							
Per Diem	0	410	0	0	0	0	410
POV Miles	0	31	0	0	0	0	31
Home Purch	0	2,002	0	0	0	0	2,002
HHG	0	1,302	0	0	0	0	1,302
Misc	0	127	0	0	0	0	127
House Hunt	0	357	0	0	0	0	357
PPS	0	288	0	0	0	0	288
RITA	0	820	0	0	0	0	820
<b>FREIGHT</b>							
Packing	0	220	0	0	0	0	220
Freight	0	28	0	0	0	0	28
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	100	0	0	0	0	100
<b>OTHER</b>							
Program Plan	840	630	0	0	0	0	1,471
Shutdown	3,177	0	0	0	0	0	3,177
New Hire	0	0	0	0	0	0	0
1-Time Move	0	1,915	0	0	0	0	1,915
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	88	0	0	0	0	88
POV Miles	0	75	0	0	0	0	75
HHG	0	1,922	0	0	0	0	1,922
Misc	0	318	0	0	0	0	318
<b>OTHER</b>							
Elim PCS	0	3,735	0	0	0	0	3,735
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	1,980	1,980	0	0	0	0	3,960
Info Manage	0	0	0	0	0	0	0
1-Time Other	6,950	15,000	500	0	0	0	22,450
<b>TOTAL ONE-TIME</b>	<b>14,259</b>	<b>43,867</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>58,626</b>

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	2	2	2	2	9	2
BOS	0	4,444	4,444	4,444	4,444	4,444	22,222	4,444
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	2,187	2,187	2,187	2,187	2,187	10,937	2,187
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	6,632	6,634	6,634	6,634	6,634	33,169	6,634
TOTAL COST	14,259	50,499	7,134	6,634	6,634	6,634	91,795	6,634
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	1,150	0	0	0	0	0	1,150	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	714	0	0	0	0	714	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	1,150	714	0	0	0	0	1,864	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	2,188	4,376	4,376	4,376	4,376	4,376	24,068	4,376
O&M								
RPMA	1,193	2,511	2,511	2,511	2,511	2,511	13,748	2,511
BOS	0	2,284	10,093	10,093	10,093	10,093	42,657	10,093
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	746	1,492	1,492	1,492	1,492	6,716	1,492
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	4,720	9,440	9,440	9,440	9,440	42,481	9,440
Enl Salary	0	8,278	16,556	16,556	16,556	16,556	74,501	16,556
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	3,381	22,915	44,469	44,469	44,469	44,469	204,171	44,469
TOTAL SAVINGS	4,531	23,629	44,469	44,469	44,469	44,469	206,035	44,469

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	161	11,799	0	0	0	0	11,960	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	716	0	0	0	0	716	
Civ Moving	0	5,587	0	0	0	0	5,587	
Other	4,018	2,645	0	0	0	0	6,663	
<b>MIL PERSONNEL</b>								
Mil Moving	0	5,425	0	0	0	0	5,425	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	1,980	1,980	0	0	0	0	3,960	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	6,950	15,000	500	0	0	0	22,450	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>13,109</b>	<b>43,153</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56,762</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	-2,188	-4,376	-4,376	-4,376	-4,376	-4,376	-24,068	-4,376
<b>O&amp;M</b>								
RPMA	-1,193	-2,511	-2,509	-2,509	-2,509	-2,509	-13,739	-2,509
BOS	0	2,160	-5,649	-5,649	-5,649	-5,649	-20,434	-5,649
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-746	-1,492	-1,492	-1,492	-1,492	-6,716	-1,492
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	-12,998	-25,996	-25,996	-25,996	-25,996	-116,982	-25,996
House Allow	0	2,187	2,187	2,187	2,187	2,187	10,937	2,187
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>-3,381</b>	<b>-16,283</b>	<b>-37,834</b>	<b>-37,834</b>	<b>-37,834</b>	<b>-37,834</b>	<b>-171,002</b>	<b>-37,834</b>
<b>TOTAL NET COST</b>	<b>9,728</b>	<b>26,870</b>	<b>-37,334</b>	<b>-37,834</b>	<b>-37,834</b>	<b>-37,834</b>	<b>-114,240</b>	<b>-37,834</b>

INPUT DATA REPORT (COBRA v5.08)  
 Data As Of 07:40 06/12/1995, Report Created 09:14 06/12/1995

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\C0L16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
COLUMBUS, MS	Closes in FY 1997
LAUGHLIN, TX	Realignment
REESE, TX	Realignment
VANCE, OK	Realignment
BASE X	Realignment

Summary:

-----  
 COMMISSION REQUEST. DOES NOT REFLECT AIR FORCE POSITION

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
COLUMBUS, MS	LAUGHLIN, TX	935 mi
COLUMBUS, MS	REESE, TX	866 mi
COLUMBUS, MS	VANCE, OK	672 mi
COLUMBUS, MS	BASE X	1,000 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from COLUMBUS, MS to LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	73	0	0	0	0
Enlisted Positions:	0	16	0	0	0	0
Civilian Positions:	0	213	0	0	0	0
Student Positions:	0	60	0	0	0	0
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

Transfers from COLUMBUS, MS to REESE, TX

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	66	0	0	0	0
Enlisted Positions:	0	4	0	0	0	0
Civilian Positions:	0	3	0	0	0	0
Student Positions:	0	91	0	0	0	0
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

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\C0L16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from COLUMBUS, MS to VANCE, OK

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	66	0	0	0	0
Enlisted Positions:	0	4	0	0	0	0
Civilian Positions:	0	3	0	0	0	0
Student Positions:	0	98	0	0	0	0
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

Transfers from COLUMBUS, MS to BASE X

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	54	0	0	0	0
Enlisted Positions:	0	172	0	0	0	0
Civilian Positions:	0	80	0	0	0	0
Student Positions:	0	0	0	0	0	0
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: COLUMBUS, MS

Total Officer Employees:	378	RPMA Non-Payroll (\$K/Year):	2,511
Total Enlisted Employees:	535	Communications (\$K/Year):	1,347
Total Student Employees:	152	BOS Non-Payroll (\$K/Year):	6,700
Total Civilian Employees:	221	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	4,376
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,542	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	14
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Name: LAUGHLIN, TX

Total Officer Employees:	350	RPMA Non-Payroll (\$K/Year):	3,403
Total Enlisted Employees:	519	Communications (\$K/Year):	636
Total Student Employees:	162	BOS Non-Payroll (\$K/Year):	6,424
Total Civilian Employees:	745	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	60.0%	Family Housing (\$K/Year):	3,001
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,286	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	48
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: REESE, TX

Total Officer Employees:	349	RPMA Non-Payroll (\$K/Year):	1,684
Total Enlisted Employees:	411	Communications (\$K/Year):	1,277
Total Student Employees:	140	BOS Non-Payroll (\$K/Year):	16,527
Total Civilian Employees:	219	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	52.0%	Family Housing (\$K/Year):	1,541
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,960	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	75
Enlisted VHA (\$/Month):	47	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	86	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: VANCE, OK

Total Officer Employees:	320	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	378	Communications (\$K/Year):	798
Total Student Employees:	149	BOS Non-Payroll (\$K/Year):	17,849
Total Civilian Employees:	95	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	1,469
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,473	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	88
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	66	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: BASE X

Total Officer Employees:	729	RPMA Non-Payroll (\$K/Year):	3,655
Total Enlisted Employees:	1,111	Communications (\$K/Year):	947
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,813
Total Civilian Employees:	1,166	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	53.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,683	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	36	Activity Code:	X
Enlisted VHA (\$/Month):	25	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	76	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: COLUMBUS, MS	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	6,300	15,000	500	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	1,915	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	1,980	1,980	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	1,150	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	2,542	Perc Family Housing ShutDown:				100.0%

Name: LAUGHLIN, TX	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	450	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: REESE, TX	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	50	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: VANCE, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	150	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: BASE X

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: COLUMBUS, MS

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	1	0	0	0	0
Enl Force Struc Change:	0	119	0	0	0	0
Civ Force Struc Change:	0	110	0	0	0	0
Stu Force Struc Change:	0	97	0	0	0	0
Off Scenario Change:	0	-120	0	0	0	0
Enl Scenario Change:	0	-458	0	0	0	0
Civ Scenario Change:	0	-32	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\COL16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: LAUGHLIN, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ADAL Child Dev	OTHER	1,700	0	370
Air to Ground Range	OTHER	0	0	9,400

Name: REESE, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Apron	OTHER	0	0	1,500
Upgr Bldg T-1 Sim	OTHER	0	0	340

Name: VANCE, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
T-38 Hangar	OTHER	0	0	1,500

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : Columbus Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\C0L16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

## 129th RESCUE GROUP MOFFETT FEDERAL AIRFIELD

**Statement:** The 129th currently occupies 384,000 square feet of space at Moffett Federal Airfield. The proposed square footage the 129th will occupy at McClellan AFB is 164,000, for a differential of 220,000 square feet. The facilities occupied at Moffett Federal Airfield are 1980's vintage while the space to be occupied at McClellan is older 1950's vintage. This flies in the face of the requisite military value test.

**Answer:** NASA's claim the unit occupies 384,000 square feet is erroneous. The 129th RQS currently occupies 196,000 square feet, and is planning to add to their real property records 82,000 square feet of existing Moffett Federal Airfield facilities, bringing them to 278,000 square feet. The additional 82,000 square feet of space is not on the unit's real property records, and at this point is not auditable and cannot be considered in the BRAC process. The unit will occupy about 196,000 square feet at McClellan AFB, not 164,000. Also, the aircraft maintenance facility at Moffett Federal Airfield is about 40% of the unit's current facilities and is a 1940s vintage dirigible hanger.

**Statement:** The airfield operating hours at McClellan AFB are from 8 am to 10 pm, while the operating hours at Moffett Federal Airfield are 7 am to 11 pm. Thus, there are two hours less time available for training daily throughout the year. There is typically more ground fog at McClellan than at Moffett during the course of the year. This fog reduces training and operations.

**Answer:** The airfield hours at Moffett and McClellan AFB are based on operational considerations. Relocating the 129th RQS to McClellan would require an adjustment in airfield operating hours which would be accommodated. NASA has presented no evidence that ground fog exists to a degree that will severely impact flying operations. In fact, the ceiling and visibility is typically Visual Flight Rules (1500 ft/3 miles) 92% of the year according to the certified BRAC 95 questionnaire weather data from McClellan.

**Statement:** The 1995 Air Force Site Survey estimated the required expenditure of \$20 million at McClellan AFB in order to properly accommodate the 129th. An additional study directed by the Base Closure Executive Group arbitrarily reduced this amount by approximately \$10 million. For example:

\$6.4 million deleted for Flying Squadron Operations  
\$14 million deleted for Unit Supply  
\$1.4 million deleted for Trade for Buildings 877/878

**Answer:** NASA is misinformed. The \$20 million estimate was from an informal two day visit prior to the BRAC recommendation going to the Commission. It was not an

in-depth study into excess capacity. The additional study NASA refers to is, in fact, the formal in depth site survey that actually looked at excess capacity at McClellan with respect to the actual square footage the 129th RQS occupies at Moffett according to the real property records.

The site survey did not arbitrarily delete the milcon that NASA believes should be spent at McClellan. Excess capacity for supply and squadron operations exists at McClellan and the \$20.4 million in milcon is not needed. McClellan is also planning to modify two more hangers by adding extensions. This is not BRAC money, nor is it milcon, but it is AFMC O&M and does not total \$1.4 million. The ANG will take one of the hangers and give the ALC back hangers 877/878. This will place the 129th Rescue Group into a better cantonment and in properly sized facilities. It will also give the ALC better facilities for the same amount of money, but not at the expense of BRAC, since the ALC has already programmed and funded the hanger extension.

What NASA also doesn't state is the Master Plan for the ANG at Moffett is on hold. In that plan will be requests for needed milcon for the 129th RQS to properly size and canton the unit at Moffett. The milcon was not programmed because of BRAC. The milcon cannot be taken as a BRAC savings cost avoidance because it will be during the out years (1999 and 2000). The additional milcon will amount to \$18.4 million.

The Air Force recommendation is to close Moffett ANG station and relocate the unit to McClellan. The purpose of BRAC is to identify savings for DoD by closing down infrastructure and overhead. The costs to the Air Force and ANG have increased at Moffett since the Navy's departure, and it is more cost effective to relocate the unit from a DoD perspective to McClellan AFB. The recommendation of the GAO to view Base Closures from a total "Federal" perspective is one that must be addressed by the Commission.

Document Separator

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1998 (1 Year)

NPV in 2015(\$K): -478,431  
 1-Time Cost(\$K): 56,163

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-931	4,221	0	0	0	0	3,290	0
Person	0	-9,807	-32,822	-32,822	-32,822	-32,822	-141,097	-32,822
Overhd	493	1,761	-5,280	-5,280	-5,280	-5,280	-18,865	-5,280
Moving	2,300	13,898	0	0	0	0	16,198	0
Missio	0	0	0	0	0	0	0	0
Other	5,575	18,796	490	0	0	0	24,861	0
<b>TOTAL</b>	<b>7,437</b>	<b>28,869</b>	<b>-37,612</b>	<b>-38,102</b>	<b>-38,102</b>	<b>-38,102</b>	<b>-115,613</b>	<b>-38,102</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	115	0	0	0	0	115
Enl	0	396	0	0	0	0	396
Civ	0	249	0	0	0	0	249
TOT	0	760	0	0	0	0	760

<b>POSITIONS REALIGNED</b>							
Off	0	242	0	0	0	0	242
Enl	0	211	0	0	0	0	211
Stu	0	258	0	0	0	0	258
Civ	0	611	0	0	0	0	611
TOT	0	1,322	0	0	0	0	1,322

Summary:

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 COMMISSION REQUEST. DOES NOT REFLECT AIR FORCE POSITION

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	469	4,221	0	0	0	0	4,690	0
Person	0	7,680	2,153	2,153	2,153	2,153	16,292	2,153
Overhd	3,610	9,965	9,401	9,401	9,401	9,401	51,178	9,401
Moving	2,300	14,609	0	0	0	0	16,909	0
Missio	0	0	0	0	0	0	0	0
Other	5,575	18,796	490	0	0	0	24,861	0
<b>TOTAL</b>	<b>11,954</b>	<b>55,271</b>	<b>12,043</b>	<b>11,553</b>	<b>11,553</b>	<b>11,553</b>	<b>113,930</b>	<b>11,553</b>

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	1,400	0	0	0	0	0	1,400	0
Person	0	17,488	34,975	34,975	34,975	34,975	157,389	34,975
Overhd	3,117	8,204	14,680	14,680	14,680	14,680	70,043	14,680
Moving	0	711	0	0	0	0	711	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>4,517</b>	<b>26,403</b>	<b>49,656</b>	<b>49,656</b>	<b>49,656</b>	<b>49,656</b>	<b>229,543</b>	<b>49,656</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3  
 Data As Of 07:49 06/12/1995, Report Created 09:10 06/12/1995

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	469	4,221	0	0	0	0	4,690
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	0	1,564	0	0	0	0	1,564
Civ Retire	0	361	0	0	0	0	361
<b>CIV MOVING</b>							
Per Diem	0	872	0	0	0	0	872
POV Miles	0	39	0	0	0	0	39
Home Purch	0	3,903	0	0	0	0	3,903
HHG	0	2,508	0	0	0	0	2,508
Misc	0	257	0	0	0	0	257
House Hunt	0	657	0	0	0	0	657
PPS	0	2,160	0	0	0	0	2,160
RITA	0	1,604	0	0	0	0	1,604
<b>FREIGHT</b>							
Packing	0	268	0	0	0	0	268
Freight	0	26	0	0	0	0	26
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	269	0	0	0	0	269
<b>OTHER</b>							
Program Plan	753	565	0	0	0	0	1,318
Shutdown	2,857	0	0	0	0	0	2,857
New Hire	0	0	0	0	0	0	0
1-Time Move	2,300	0	0	0	0	0	2,300
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	77	0	0	0	0	77
POV Miles	0	65	0	0	0	0	65
HHG	0	1,855	0	0	0	0	1,855
Misc	0	317	0	0	0	0	317
<b>OTHER</b>							
Elim PCS	0	3,333	0	0	0	0	3,333
<b>OTHER</b>							
HAP / RSE	0	951	0	0	0	0	951
Environmental	2,845	2,845	0	0	0	0	5,690
Info Manage	0	0	0	0	0	0	0
1-Time Other	2,730	15,000	490	0	0	0	18,220
<b>TOTAL ONE-TIME</b>	<b>11,954</b>	<b>43,718</b>	<b>490</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56,163</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3  
 Data As Of 07:49 06/12/1995, Report Created 09:10 06/12/1995

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	9,401	9,401	9,401	9,401	9,401	47,003	9,401
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	2,153	2,153	2,153	2,153	2,153	10,764	2,153
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	11,553	11,553	11,553	11,553	11,553	57,767	11,553
TOTAL COST	11,954	55,271	12,043	11,553	11,553	11,553	113,930	11,553
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	1,400	0	0	0	0	0	1,400	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	711	0	0	0	0	711	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	1,400	711	0	0	0	0	2,111	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	1,500	3,001	3,001	3,001	3,001	3,001	16,505	3,001
O&M								
RPMA	1,617	3,403	3,403	3,403	3,403	3,403	18,632	3,403
BOS	0	1,800	8,276	8,276	8,276	8,276	34,906	8,276
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	5,807	11,614	11,614	11,614	11,614	52,262	11,614
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	4,523	9,047	9,047	9,047	9,047	40,711	9,047
Enl Salary	0	7,157	14,315	14,315	14,315	14,315	64,416	14,315
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	3,117	25,692	49,656	49,656	49,656	49,656	227,432	49,656
TOTAL SAVINGS	4,517	26,403	49,656	49,656	49,656	49,656	229,543	49,656

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3  
 Data As Of 07:49 06/12/1995, Report Created 09:10 06/12/1995

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
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ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	-931	4,221	0	0	0	0	3,290	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	1,925	0	0	0	0	1,925	
Civ Moving	0	12,295	0	0	0	0	12,295	
Other	5,910	834	0	0	0	0	6,745	
<b>MIL PERSONNEL</b>								
Mil Moving	0	4,935	0	0	0	0	4,935	
<b>OTHER</b>								
HAP / RSE	0	951	0	0	0	0	951	
Environmental	2,845	2,845	0	0	0	0	5,690	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	2,730	15,000	490	0	0	0	18,220	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>10,554</b>	<b>43,007</b>	<b>490</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54,051</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	-1,500	-3,001	-3,001	-3,001	-3,001	-3,001	-16,505	-3,001
<b>O&amp;M</b>								
RPMA	-1,617	-3,403	-3,403	-3,403	-3,403	-3,403	-18,632	-3,403
BOS	0	7,600	1,124	1,124	1,124	1,124	12,097	1,124
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-5,807	-11,614	-11,614	-11,614	-11,614	-52,262	-11,614
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	-11,681	-23,361	-23,361	-23,361	-23,361	-105,126	-23,361
House Allow	0	2,153	2,153	2,153	2,153	2,153	10,764	2,153
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>-3,117</b>	<b>-14,138</b>	<b>-38,102</b>	<b>-38,102</b>	<b>-38,102</b>	<b>-38,102</b>	<b>-169,664</b>	<b>-38,102</b>
<b>TOTAL NET COST</b>	<b>7,437</b>	<b>28,869</b>	<b>-37,612</b>	<b>-38,102</b>	<b>-38,102</b>	<b>-38,102</b>	<b>-115,613</b>	<b>-38,102</b>

INPUT DATA REPORT (COBRA v5.08)  
 Data As Of 07:49 06/12/1995, Report Created 09:10 06/12/1995

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
COLUMBUS, MS	Realignment
LAUGHLIN, TX	Closes in*FY 1997
REESE, TX	Realignment
VANCE, OK	Realignment
BASE X	Realignment

Summary:

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 COMMISSION REQUEST. DOES NOT REFLECT AIR FORCE POSITION

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
COLUMBUS, MS	LAUGHLIN, TX	935 mi
LAUGHLIN, TX	REESE, TX	367 mi
LAUGHLIN, TX	VANCE, OK	599 mi
LAUGHLIN, TX	BASE X	1,000 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from LAUGHLIN, TX to COLUMBUS, MS

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	36	0	0	0	0
Enlisted Positions:	0	6	0	0	0	0
Civilian Positions:	0	84	0	0	0	0
Student Positions:	0	47	0	0	0	0
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

Transfers from LAUGHLIN, TX to REESE, TX

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	69	0	0	0	0
Enlisted Positions:	0	17	0	0	0	0
Civilian Positions:	0	244	0	0	0	0
Student Positions:	0	107	0	0	0	0
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

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
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INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from LAUGHLIN, TX to VANCE, OK

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	70	0	0	0	0
Enlisted Positions:	0	15	0	0	0	0
Civilian Positions:	0	217	0	0	0	0
Student Positions:	0	104	0	0	0	0
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

Transfers from LAUGHLIN, TX to BASE X

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	67	0	0	0	0
Enlisted Positions:	0	173	0	0	0	0
Civilian Positions:	0	66	0	0	0	0
Student Positions:	0	0	0	0	0	0
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: COLUMBUS, MS

Total Officer Employees:	378	RPMA Non-Payroll (\$K/Year):	2,511
Total Enlisted Employees:	535	Communications (\$K/Year):	1,347
Total Student Employees:	152	BOS Non-Payroll (\$K/Year):	18,100
Total Civilian Employees:	221	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	4,376
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,542	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	14
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Name: LAUGHLIN, TX

Total Officer Employees:	350	RPMA Non-Payroll (\$K/Year):	3,403
Total Enlisted Employees:	519	Communications (\$K/Year):	636
Total Student Employees:	162	BOS Non-Payroll (\$K/Year):	6,424
Total Civilian Employees:	745	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	60.0%	Family Housing (\$K/Year):	3,001
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,286	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	48
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
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INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: REESE, TX

Total Officer Employees:	349	RPMA Non-Payroll (\$K/Year):	1,684
Total Enlisted Employees:	411	Communications (\$K/Year):	1,277
Total Student Employees:	140	BOS Non-Payroll (\$K/Year):	16,527
Total Civilian Employees:	219	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	52.0%	Family Housing (\$K/Year):	1,541
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,960	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	75
Enlisted VHA (\$/Month):	47	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	86	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: VANCE, OK

Total Officer Employees:	320	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	378	Communications (\$K/Year):	798
Total Student Employees:	149	BOS Non-Payroll (\$K/Year):	17,849
Total Civilian Employees:	95	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	1,469
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,473	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	88
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	66	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: BASE X

Total Officer Employees:	729	RPMA Non-Payroll (\$K/Year):	3,655
Total Enlisted Employees:	1,111	Communications (\$K/Year):	947
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,813
Total Civilian Employees:	1,166	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	53.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,683	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	36	Activity Code:	X
Enlisted VHA (\$/Month):	25	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	76	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: COLUMBUS, MS

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	40	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	2,500	15,000	490	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	2,300	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	2,845	2,845	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	1,400	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	2,286	Perc Family Housing ShutDown:				100.0%

Name: REESE, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	20	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: VANCE, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	170	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
		Perc Family Housing ShutDown:				0.0%

Name: BASE X

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
		Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	7	0	0	0	0
Enl Force Struc Change:	0	88	0	0	0	0
Civ Force Struc Change:	0	115	0	0	0	0
Stu Force Struc Change:	0	96	0	0	0	0
Off Scenario Change:	0	-115	0	0	0	0
Enl Scenario Change:	0	-396	0	0	0	0
Civ Scenario Change:	0	-249	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: COLUMBUS, MS

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
T-37 Hangar	OTHER	0	0	1,350

Name: REESE, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Apron	OTHER	0	0	1,500
Upgrade T-1 Bldg	OTHER	0	0	340

Name: VANCE, OK

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
T-38 Hangar	OTHER	0	0	1,500

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force  
 Option Package : Laughlin Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\LAU16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Document Separator

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 1999 (2 Years)

NPV in 2015(\$K): -396,736  
 1-Time Cost(\$K): 53,327

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	306	2,754	0	0	0	0	3,060	0
Person	0	-856	-8,545	-8,545	-8,545	-8,545	-35,036	-8,545
Overhd	139	-6,060	-23,597	-23,597	-23,597	-23,597	-100,310	-23,597
Moving	0	11,290	0	0	0	0	11,290	0
Missio	0	0	0	0	0	0	0	0
Other	12,895	17,131	390	0	0	0	30,416	0
<b>TOTAL</b>	<b>13,340</b>	<b>24,259</b>	<b>-31,752</b>	<b>-32,142</b>	<b>-32,142</b>	<b>-32,142</b>	<b>-90,580</b>	<b>-32,142</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	116	0	0	0	0	116
Enl	0	259	0	0	0	0	259
Civ	0	0	0	0	0	0	0
<b>TOT</b>	<b>0</b>	<b>375</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>375</b>

<b>POSITIONS REALIGNED</b>							
Off	0	203	0	0	0	0	203
Enl	0	119	0	0	0	0	119
Stu	0	243	0	0	0	0	243
Civ	0	95	0	0	0	0	95
<b>TOT</b>	<b>0</b>	<b>660</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>660</b>

Summary:

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 COMMISSION REQUEST. DOES NOT REFLECT AIR FORCE POSITION

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	306	2,754	0	0	0	0	3,060	0
Person	0	8,706	10,261	10,261	10,261	10,261	49,751	10,261
Overhd	3,802	5,992	4,523	4,523	4,523	4,523	27,889	4,523
Moving	0	11,796	0	0	0	0	11,796	0
Missio	0	0	0	0	0	0	0	0
Other	12,895	17,131	390	0	0	0	30,416	0
<b>TOTAL</b>	<b>17,003</b>	<b>46,378</b>	<b>15,175</b>	<b>14,785</b>	<b>14,785</b>	<b>14,785</b>	<b>122,911</b>	<b>14,785</b>

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	9,562	18,806	18,806	18,806	18,806	84,787	18,806
Overhd	3,663	12,052	28,121	28,121	28,121	28,121	128,199	28,121
Moving	0	505	0	0	0	0	505	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>3,663</b>	<b>22,120</b>	<b>46,927</b>	<b>46,927</b>	<b>46,927</b>	<b>46,927</b>	<b>213,491</b>	<b>46,927</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3  
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Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
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ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	306	2,754	0	0	0	0	3,060
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	164	0	0	0	0	164
Civ Retire	0	38	0	0	0	0	38
CIV MOVING							
Per Diem	0	132	0	0	0	0	132
POV Miles	0	8	0	0	0	0	8
Home Purch	0	617	0	0	0	0	617
HHG	0	404	0	0	0	0	404
Misc	0	40	0	0	0	0	40
House Hunt	0	107	0	0	0	0	107
PPS	0	0	0	0	0	0	0
RITA	0	253	0	0	0	0	253
FREIGHT							
Packing	0	155	0	0	0	0	155
Freight	0	14	0	0	0	0	14
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	28	0	0	0	0	28
OTHER							
Program Plan	1,961	1,471	0	0	0	0	3,432
Shutdown	1,841	0	0	0	0	0	1,841
New Hire	0	0	0	0	0	0	0
1-Time Move	0	8,394	0	0	0	0	8,394
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	48	0	0	0	0	48
POV Miles	0	41	0	0	0	0	41
HHG	0	1,356	0	0	0	0	1,356
Misc	0	225	0	0	0	0	225
OTHER							
Elim PCS	0	2,552	0	0	0	0	2,552
OTHER							
HAP / RSE	0	356	0	0	0	0	356
Environmental	1,775	1,775	0	0	0	0	3,550
Info Manage	0	0	0	0	0	0	0
1-Time Other	11,120	15,000	390	0	0	0	26,510
TOTAL ONE-TIME	17,003	35,934	390	0	0	0	53,327

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3  
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 Option Package : Vance Commission  
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RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	2	2	2	2	9	2
BOS	0	4,521	4,521	4,521	4,521	4,521	22,606	4,521
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	4,338	8,675	8,675	8,675	8,675	39,039	8,675
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	1,586	1,586	1,586	1,586	1,586	7,929	1,586
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	10,445	14,785	14,785	14,785	14,785	69,584	14,785
 TOTAL COST	 17,003	 46,378	 15,175	 14,785	 14,785	 14,785	 122,911	 14,785
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	505	0	0	0	0	505	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	505	0	0	0	0	505	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	734	1,469	1,469	1,469	1,469	1,469	8,079	1,469
O&M								
RPMA	2,929	6,164	6,164	6,164	6,164	6,164	33,749	6,164
BOS	0	4,419	20,488	20,488	20,488	20,488	86,371	20,488
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	4,563	9,125	9,125	9,125	9,125	41,065	9,125
Enl Salary	0	4,681	9,362	9,362	9,362	9,362	42,130	9,362
House Allow	0	318	318	318	318	318	1,591	318
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	3,663	21,614	46,927	46,927	46,927	46,927	212,986	46,927
 TOTAL SAVINGS	 3,663	 22,120	 46,927	 46,927	 46,927	 46,927	 213,491	 46,927

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3  
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Department : Air Force  
 Option Package : Vance Commission  
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ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	306	2,754	0	0	0	0	3,060	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	201	0	0	0	0	201	
Civ Moving	0	1,731	0	0	0	0	1,731	
Other	3,802	9,893	0	0	0	0	13,695	
<b>MIL PERSONNEL</b>								
Mil Moving	0	3,717	0	0	0	0	3,717	
<b>OTHER</b>								
HAP / RSE	0	356	0	0	0	0	356	
Environmental	1,775	1,775	0	0	0	0	3,550	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	11,120	15,000	390	0	0	0	26,510	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>17,003</b>	<b>35,428</b>	<b>390</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52,821</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	-734	-1,469	-1,469	-1,469	-1,469	-1,469	-8,079	-1,469
<b>O&amp;M</b>								
RPMA	-2,929	-6,164	-6,162	-6,162	-6,162	-6,162	-33,739	-6,162
BOS	0	102	-15,967	-15,967	-15,967	-15,967	-63,765	-15,967
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	4,338	8,675	8,675	8,675	8,675	39,039	8,675
<b>CHAMPUS</b>								
MIL PERSONNEL	0	0	0	0	0	0	0	0
Mil Salary	0	-9,244	-18,488	-18,488	-18,488	-18,488	-83,195	-18,488
House Allow	0	1,267	1,267	1,267	1,267	1,267	6,338	1,267
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>-3,663</b>	<b>-11,169</b>	<b>-32,142</b>	<b>-32,142</b>	<b>-32,142</b>	<b>-32,142</b>	<b>-143,402</b>	<b>-32,142</b>
<b>TOTAL NET COST</b>	<b>13,340</b>	<b>24,259</b>	<b>-31,752</b>	<b>-32,142</b>	<b>-32,142</b>	<b>-32,142</b>	<b>-90,580</b>	<b>-32,142</b>

INPUT DATA REPORT (COBRA v5.08)  
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Department : Air Force  
 Option Package : Vance Commission  
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INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
COLUMBUS, MS	Realignment
LAUGHLIN, TX	Realignment
REESE, TX	Realignment
VANCE, OK	Closes in FY 1997
BASE X	Realignment

Summary:

-----  
 COMMISSION REQUEST. DOES NOT REFLECT AIR FORCE POSITION

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
COLUMBUS, MS	VANCE, OK	672 mi
LAUGHLIN, TX	VANCE, OK	599 mi
REESE, TX	VANCE, OK	409 mi
VANCE, OK	BASE X	1,000 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from VANCE, OK to COLUMBUS, MS

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	34	0	0	0	0
Enlisted Positions:	0	1	0	0	0	0
Civilian Positions:	0	1	0	0	0	0
Student Positions:	0	37	0	0	0	0
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

Transfers from VANCE, OK to LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	78	0	0	0	0
Enlisted Positions:	0	17	0	0	0	0
Civilian Positions:	0	52	0	0	0	0
Student Positions:	0	113	0	0	0	0
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

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
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INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from VANCE, OK to REESE, TX

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	69	0	0	0	0
Enlisted Positions:	0	5	0	0	0	0
Civilian Positions:	0	3	0	0	0	0
Student Positions:	0	93	0	0	0	0
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

Transfers from VANCE, OK to BASE X

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	22	0	0	0	0
Enlisted Positions:	0	96	0	0	0	0
Civilian Positions:	0	39	0	0	0	0
Student Positions:	0	0	0	0	0	0
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: COLUMBUS, MS

Total Officer Employees:	378	RPMA Non-Payroll (\$K/Year):	2,511
Total Enlisted Employees:	535	Communications (\$K/Year):	1,347
Total Student Employees:	152	BOS Non-Payroll (\$K/Year):	18,100
Total Civilian Employees:	221	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	4,376
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,542	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	14
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Name: LAUGHLIN, TX

Total Officer Employees:	350	RPMA Non-Payroll (\$K/Year):	3,403
Total Enlisted Employees:	519	Communications (\$K/Year):	636
Total Student Employees:	162	BOS Non-Payroll (\$K/Year):	16,624
Total Civilian Employees:	745	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	80.0%	Family Housing (\$K/Year):	3,001
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	2,286	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	48
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
 Std Fetrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: REESE, TX

Total Officer Employees:	349	RPMA Non-Payroll (\$K/Year):	1,684
Total Enlisted Employees:	411	Communications (\$K/Year):	1,277
Total Student Employees:	140	BOS Non-Payroll (\$K/Year):	16,527
Total Civilian Employees:	219	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	52.0%	Family Housing (\$K/Year):	1,541
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,960	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	73	Activity Code:	75
Enlisted VHA (\$/Month):	47	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	86	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: VANCE, OK

Total Officer Employees:	320	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	378	Communications (\$K/Year):	798
Total Student Employees:	149	BOS Non-Payroll (\$K/Year):	17,849
Total Civilian Employees:	95	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	1,469
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,473	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	88
Enlisted VHA (\$/Month):	0	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	66	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: BASE X

Total Officer Employees:	729	RPMA Non-Payroll (\$K/Year):	3,655
Total Enlisted Employees:	1,111	Communications (\$K/Year):	947
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,813
Total Civilian Employees:	1,166	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	53.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,683	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	36	Activity Code:	X
Enlisted VHA (\$/Month):	25	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	76	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: COLUMBUS, MS

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	40	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	60	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: REESE, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	20	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: VANCE, OK

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	11,000	15,000	390	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	8,394	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	1,775	1,775	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	1,473					
Perc Family Housing ShutDown:						100.0%

Name: BASE X

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
Perc Family Housing ShutDown:						0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: LAUGHLIN, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	186	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
 Std Fetrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: VANCE, OK

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-1	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	94	0	0	0	0
Off Scenario Change:	0	-116	0	0	0	0
Enl Scenario Change:	0	-259	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: COLUMBUS, MS

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
T-37 Maint Hangar	OTHER	0	0	850

Name: LAUGHLIN, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ADAL Child Dev	OTHER	1,700	0	370

Name: REESE, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Apron	OTHER	0	0	1,500
Up Bldg for T-1 Sim	OTHER	0	0	340

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc: Final Factors		RSE Homeowner Receiving Rate:	0.00%

Department : Air Force  
 Option Package : Vance Commission  
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\VAN16301.CBR  
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index: 0.93	Rehab vs. New MilCon Cost: 0.00%
BOS Index (RPMA vs population): 0.54	Info Management Account: 0.00%
(Indices are used as exponents)	MilCon Design Rate: 0.00%
Program Management Factor: 10.00%	MilCon SIOH Rate: 0.00%
Caretaker Admin(SF/Care): 162.00	MilCon Contingency Plan Rate: 0.00%
Mothball Cost (\$/SF): 1.25	MilCon Site Preparation Rate: 0.00%
Avg Bachelor Quarters(SF): 256.00	Discount Rate for NPV.RPT/ROI: 2.75%
Avg Family Quarters(SF): 1,320.00	Inflation Rate for NPV.RPT/ROI: 0.00%
APPDET.RPT Inflation Rates:	
1996: 0.00% 1997: 2.90% 1998: 3.00%	1999: 3.00% 2000: 3.00% 2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb): 710	Equip Pack & Crate(\$/Ton): 284.00
HHG Per Off Family (Lb): 14,500.00	Mil Light Vehicle(\$/Mile): 0.43
HHG Per Enl Family (Lb): 9,000.00	Heavy/Spec Vehicle(\$/Mile): 1.40
HHG Per Mil Single (Lb): 6,400.00	POV Reimbursement(\$/Mile): 0.18
HHG Per Civilian (Lb): 18,000.00	Avg Mil Tour Length (Years): 4.10
Total HHG Cost (\$/100Lb): 35.00	Routine PCS(\$/Pers/Tour): 6,437.00
Air Transport (\$/Pass Mile): 0.20	One-Time Off PCS Cost(\$): 9,142.00
Misc Exp (\$/Direct Employ): 700.00	One-Time Enl PCS Cost(\$): 5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Document Separator



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

June 2, 1995

Major General Jay Blume (ATTN: Lt Col Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

173  
950605-5

Dear General Blume:

Congressman Larry Combest is concerned that the Air Force will not retain sufficient UPT capacity for the long-term if a UPT base is closed in this round.

Our own review of your requirements indicates that if 1,078 SUPT equivalents remains the Air Force steady state requirement, a comfortable excess of UPT capacity will remain. However, if future requirements increase, all Air Force UPT bases will need to function at a high operations tempo to provide full capacity.

Please provide the Commission with an analysis by AF/XO and AF/DP of Air Force UPT requirements for the long-term. It would be helpful if they would address the factors and assumptions that drive the requirements, e.g., pilot retention rates, Reserve Component and International requirements, force structure changes, etc., and the affect of changes to these assumptions on the result. To be useful prior to the final deliberations of the Commission, request your analysis by June 14, 1995.

If your staff has any questions about this request, they should contact Lt Col Merrill Beyer (USAF) of the Commission staff.

Sincerely,

Francis A. Cirillo Jr., PE  
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE  
WASHINGTON, DC

01 JUN 1995

*f*

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr Frank Cirillo)

FROM: HQ USAF/RT  
1670 Air Force Pentagon  
Washington, DC 20330-1670

SUBJECT: Response to Inquiry on the Impact of Icing on UFT Operations

Attached is the Air Force response to a Commission request for the impact of icing on UFT operations.

The attached information is certified true and correct to the best of our ability. If you have any questions concerning this issue our POC is Maj Malcomb, est 695-4667.

*Jay D. Blume Jr.*  
JAY D. BLUME JR, Major General, USAF  
Special Assistant to Chief of Staff  
for Realignment and Transition

Attachment:  
Worksheet on Icing Impacts on UFT

**WORKSHEET  
HQ USAF/RTR**

- PURPOSE:** To answer a question posed by the BRAC Commission staff member, Lt Col Beyer.
- QUESTION:** Calculate the number of training days per year when icing impacts operations at each UFT base.
- SOURCE:** USAFETAC/DS-86/001, Climatic Atlas of Icing Potential Over North America, January 1986, on file at USAF Environmental Technical Application Center (ETAC). The study was based on data from 1977 to 1980.
- METHOD:** Extracted from graphs the percentage of time when meteorological conditions required for trace to light icing were present. Multiply these monthly percentages by the number of training days for each month. Add the monthly totals to calculate the number of days per year when these conditions existed.

**CONCLUSION** There is no direct data base which depicts the frequency of atmospheric icing. The source document provides a graphic presentation of icing potential, based on the frequency of occurrence of the meteorological conditions required for icing to be present. Therefore, this data provides a picture of the maximum number of days (worst case) a weather flight could forecast trace or light icing for each base. The data is for three altitude blocks: surface to 5,000 feet, 5,000 to 10,000 feet and 10,000 to 15,000 feet. The data for each level applies only to that level. Data can not be added or averaged between levels. Although the data below is for the entire year, the primary threat of icing at UFT bases occurs from October to March. Although the data was gathered between 1977 and 1980, it provides a representative picture because of the large number of observations in the data base.

**ANNUAL TRAINING DAYS WITH POTENTIAL FOR TRACE OR LIGHT ICING**

Level	Columbus	Laughlin	Randolph	Reese	Vance
Surface to 5,000'	8.1	1.4	1.4	10.0	14.0
5,000' to 10,000'	32.0	25.0	19.1	31.0	35.3
10,000' to 15,000'	42.3	27.1	29.0	29.7	39.2



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RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

June 7, 1995

Major General Jay Blume (Attn: Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

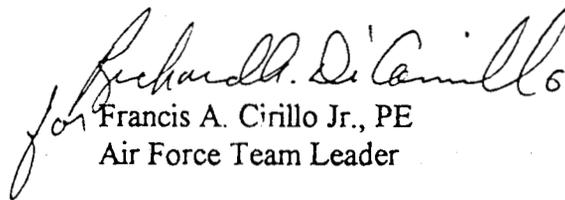
174  
Please refer to this number  
when responding 950607-8

Dear General Blume:

In order to fully evaluate the military value of the REDCAP mission in Buffalo New York, we request a classified briefing on the scope and nature of REDCAP's activities. In particular, we are interested in the specific test programs it is involved in, the interrelationship of the various test systems, and how REDCAP's specific capabilities will be effected by the DoD recommendation to transfer and dispose of certain test simulation systems. We can be available for this briefing on June 9th. We anticipate that Mr. Frank Cirillo, Mr. Jim Owsley, Mr. Les Farrington, and Mr. Steve Ackerman will be attending this briefing.

Thank you for your assistance in this matter. If you have any questions, please call Mr. Steve Ackerman at (703) 696-0504 Ext. 162. Thank you.

Sincerely,

*for*   
Francis A. Cirillo Jr., PE  
Air Force Team Leader

Document Separator



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE



MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: REDCAP & Electronic Combat (EC) Consolidation Response  
(RT Taskers 587 & 595)

This responds to your verbal tasker of June 9, 1995 (950607-8) and FAX tasker of June 9, 1995 (950609-11).<sup>174</sup> We responded to the questions on REDCAP, AFEWES, and EMTE posed by the DBCRC staff (Atchs 1-3). Additionally, we responded to Congressman's Quinns questions regarding the relocation of REDCAP (Atchs 4-5).

We have heard references to the Board of Director (BOD) EC study and the FY95 Authorization Report requiring an EC Master Plan. We must state again that neither the EC BOD study nor the FY95 Authorization Report has any relation to the Air Force BRAC 95 process nor should they. The T&E JCSG process fully supports the EC consolidation actions to reduce excess T&E infrastructure and consolidate the currently fragmented EC test operations.

The Air Force believes that in aggregate full Electronic Combat consolidation achieved by the REDCAP, AFEWES, and Eglin (EMTE) recommendations provides the maximum operational benefit at a reasonable cost. However, each recommendation on a standalone basis is operationally sound and cost-effective.

I trust this information will be responsive to your request. Maj Michael Wallace, 695-6766, is my point of contact.

JAY D. BLUME, Jr., Maj Gen, USAF  
Special Assistant to the Chief of Staff  
for Realignment and Transition

Attachments:

1. Response to Mr. Ackerman's Questions for REDCAP Briefing, 14 Jun 95
2. Talking Paper on EC Consolidation
3. Information Paper On One Stop Shopping (OSS) Concept
4. Response to Congressman Quinn Letter to Mr Ackerman, 9 Jun 95
5. Point Paper on Congressman Quinn's Additional REDCAP Information

## ACRONYMS

AI	Airborne Interceptor
ATIC	Avionics Test Integration Complex
ECIT	Electronic Combat Integrated Test Capability
EW	Electronic Warfare
HITL	Hardware In The Loop
I&GTC	Integration and Generic Test Capability
ISTF	Installed System Test Facility
ROW	Rest of the World
LRU	Line Replaceable Unit
SFTC	Single Face to the Customer
SPO	System Program Office
SSDL	S-Band and IFF Data Link
SUT	System Under Test
TEMS	Test and Evaluation Mission Simulator
UDL	UHF Data Link

For: Test & Evaluation (REDCAP) Briefing:  
June 14, 1995

1. What value is derived from locating the REDCAP's HITL mission with the ISTF facility at Edwards, beyond logistical test efficiencies achieved from co-location?
2. Does the value derived exceed the cost efficiencies achieved from data linking?
3. What preparation costs, beyond the MILCON stated in the COBRA will be needed to configure the facility at Edwards, in order to make it compatible with the REDCAP's test simulation systems proposed to be transferred? Specifically, estimated contractor training costs, reconfigure Edwards facility, setup of test equipment, etc.
4. Will the "Man-in-the-Loop" capability of the REDCAP's HITL mission be transferred to Edwards or be disposed of?
5. Has a distributive interactive simulation network (DIS) capability between REDCAP and AFEWES to the BAF and the ACETEF been setup? Have any estimated costs been determined to create this capability?

Steve Ackerman/Analyst/Air Force Team  
Defense Base Closure and Realignment Commission

Atch 1

W. Ackerman's questions

1. QUESTION: What value is derived from locating the REDCAP's hardware-in-the loop (HITL) mission with the integrated system test facility ~~ISTF facility~~ at Edwards, beyond logistical test efficiencies achieved from ~~operation~~ ~~operation~~?

ANSWER: The EW Test Process recognizes that the flow of test activity from HITL to ISTF is an ITERATIVE one. A typical EW test doesn't just complete the HITL phase and then move on to the ISTF phase without several "regression" tests back in the HITL. Solving a difficult piece of EW systems integration work may require running HITL and ISTF concurrently. For programs such as the F-22, B-1B, B-2, and JAST, avionics are an integral part of the airframe and you cannot readily take these out and effectively test at REDCAP or AFEWES. Existing systems (such as F-16 RWR or jammer) are for the most part federated, that is they essentially operate independently and at best simply share information via a data bus. These systems can be tested at AFEWES and in some cases linked with other facilities such as REDCAP or ACETEF. But you do have the "logistics" cost of multiple systems and personnel. Most EW programs will not be able to afford to provide multiple test assets and personnel.

2. QUESTION: Does the value derived exceed the cost efficiencies achieved from data linking?

ANSWER: Yes, because as explained above, data linking cannot provide the required capability to test a fully integrated platform. Further, it is not a means of addressing future test facility requirements. Data linking can be useful for low transmission rate subjects, like target data information. It is of little use for tests requiring high data rate transmission, like SUTs with higher update rates exceeding the link bandwidths, or raw data conversion, signal encryption, and/or real time pulse-by-pulse events. AFEWES has been looking into injecting progressive time delays to see when miss-distance is affected by data latency, but this is not the same thing. Overlaying a simulation with another simulation (i.e, simulated time delays) in order to overcome the effects of data latency may prove useful, but it is a static fix to a dynamic problem, and may therefore be inappropriate to equate this fix with realism.

3. **QUESTION:** What preparation costs, beyond the MILCON stated in the COBRA, will be needed to configure the facility at Edwards, in order to make it compatible with the REDCAP's test simulation systems proposed to be transferred?

**ANSWER:** Minimal costs will be incurred in the areas mentioned, but as yet no specific amounts can be presented, due to the early phase of ECIT I&GTC program maturity.

4. **QUESTION:** Will the Man-in-the-Loop capability of the REDCAP's HITL mission be transferred to Edwards, or disposed of?

**ANSWER:** All REDCAP test assets will be transferred, but not all these assets will be reactivated at Edwards. Those not activated will be placed in storage. Those assets identified for reactivation will be done so within the new ECIT I&GTC. Edwards currently supports this type of testing capability in all three ATIC facilities, most notably in the TEMS. Man-in-the-loop capability will also be available at the open air range.

5. **QUESTION:** Has a distributive interactive simulation (DIS) network capability between REDCAP and AFEWES to the BAF and the ACETEF been set up? Have any estimated costs been determined to create this capability?

**ANSWER:** No, but the Defense Research Engineering Network will provide this capability. T-1 lines between the Nellis Open Air Complex and Edwards already exist. The current ECIT I&GTC architecture contains a firm requirement for DIS-standard connectivity to outside ATIC facilities. The ECIT Program will require the ability to encrypt the data streams both going and coming to the ATIC. Program costs will be developed by the I&GTC contractor as a result of the OPSEC defined during I&GTC Phase 1.

TALKING PAPER  
ON  
EC CONSOLIDATION

A basic idea behind the Air Force EC consolidation initiative is to facilitate the EW Test Process. This process recognizes the flow of test activity is an ITERATIVE one. For example, take the case of test activity transitioning from hardware-in-the-loop (HITL) to integrated system test facility (ISTF). A typical EW test doesn't just complete the HITL phase and then move on to the ISTF phase without several "regression" tests back in the HITL. Solving a difficult piece of EW systems integration work may require running HITL and ISTF concurrently. Collocation makes this iterative test process viable by making it possible for a single test staff to work on a controlled SUT configuration to perform iterative testing that is secure, repeatable, and cost-efficient. Correlation of test capabilities is another benefit. More than one SUT worked against some test capabilities, but not others. Bringing the bulk of test capabilities under one roof will help solve this problem. Finally, the availability of high value/cost SUTs must be considered. Most EW programs can't afford to provide dedicated test assets (ground crews, engineers, LRUs, aircraft) for testing that takes place simultaneously in multiple locations. Edwards collocation of EW test assets offers the opportunity for resource-strapped SPOs to accomplish testing with a minimal investment of time and money to meet demanding schedules.

Overlay this synergism with the near proximity of the Nellis Ranges, and similar benefits extend to the OAR arena. The idea is to have the customer support focus, i.e., the SFTC and EW Directorate, collocated with the test resources. It is an effort towards one stop EW customer support collocated with the test resources, under one roof as much as possible.

With respect to the FY 95 HASC ~~Authorization Report~~, requiring an EC Master Plan for T&E prior to relocating any electronic testing assets, no significant problems are anticipated. The AFEWES, REDCAP, and EMTE relocations will be included as part of the development of the DoD EC Master Plan being drafted by the T&E Executive Agent and scheduled to be done prior to FY 97. The T&E JCSG process fully supports these actions to reduce excess T&E infrastructure and consolidates the currently fragmented EC test operations.

## REDCAP MOVE

The SCIF Gateway, Remote Interface, Reactive AI, OFF Line Support, SSDL, UDL, and Classified Material would move to Edwards under BRAC. These assets are identified for reactivation, and will be done within the new ECIT I&GTC - not like the original REDCAP layout. Minimal costs will be incurred in the areas mentioned, but as yet no specific amounts can be presented, due to the early phase of ECIT I&GTC program maturity. REDCAP assets that are reactivated will be operated by ATIC staff. Capabilities to be decommissioned will also move, but at no cost to BRAC.

REDCAP data structure and format can be successfully integrated within currently planned ECIT upgrades to the ATIC, not the other way around. Infrastructure for a test function like that currently done at REDCAP is already in place. Customers using this infrastructure for both HITL and OAR testing will have the advantage of correlation of systems, common data formats, common environmental generation, common data analysis computers, tools and instrumentation by default.

Little will be lost in decommissioning the identified equipment. Specifically, the EW, EW/HF, R1-R5 (radar simulations), Ground C2, System Control, Voice and Radar Switches already exist. Environmental generation capability is resident, so PEG isn't required. CVDL is the old REDCAP computers, and therefore not required in any case. SUAWACS passed SIMVAL in 1986, but has not had a paying customer we know of over the past three years.

REDCAP type man-in-the-loop capability is inherent in the aforementioned infrastructure. The Man-in-the-Loop capability for HITL testing will be maintained at Edwards, although it will be performed differently, using other simulation techniques/equipments. Edwards currently supports this type of testing capability in all ATIC facilities, most notably in the TEMS.

The capability simulated by the REDCAP IADS ~~includes~~ algorithm level C<sup>3</sup> netting simulation, man-in-the-loop, pulsed level RF generation with matching receivers and digital simulation capabilities. The ability to simulate the IADS command and control nodes in the lab to accurately portray command links originally was done on old, totally manual C<sup>2</sup> systems in order to identify operator saturation and inherent nodal time delays. The operator was an integral part of the processing path, and these delays often became quite large.

Changing world threats have impacted test facilities at differential rates, i.e. some facilities have been better able to adapt. What this means to test customers is some test facilities are progressively more attractive, more capable than others to support a given test program. Accordingly, our OAR capability became a more viable choice for IADS testing than REDCAP. What makes this so is the fact that newer generations of C<sup>2</sup> equipment are

more automated and the operator less of a factor throughout the IADS structure. Likewise, exact algorithms inherent in C<sup>2</sup> equipments are less of a factor since the time delays generated by older, manual systems are gone. REDCAP spent a lot of time and effort to implement exact algorithms of FSU equipments. Consequently, REDCAP cannot provide all the various nodal levels and functions found in the mix of FSU and European equipments currently deployed and being deployed in ROW countries that are potential threats. REDCAP can only provide these capabilities with first generation radars. Their C<sup>2</sup> equipments have been upgraded, but they are tailored to FSU capabilities and cannot perform the mix of various C<sup>2</sup> technologies and simulate non-FSU radars found in many potential threat countries. HITL configurations can be done using stimulus from radar signal generators or ground mounted hardware under stimulation by actual radars. An extensive fiber optic network allows stimulating ground mounted SUTs and collecting SUT response. Reconfigurable C<sup>2</sup> and fiber optics communications enables simulation of many environments, much like in the lab. Utilizing models of a particular air defense environment allows for data analysis of any part of the results - with actual equipment at the same location with the same IADS structure. This ability to spot check results with real equipment will decrease overall cost and increase credibility of the results.

### AFFWES MOVE

The following systems are slated for decommissioning:

SA-2	Software Development Facility
SA-3	Missile Development Facility
SA-4	Test Management Center 1
SA-4 w/C3	Test Management Center 2
SA-8	Test Management Center 3
SA-8 w/C3	Test Management Center 4
SA-10	Test Management Center 5
GUNDISH	Data Processing Facility
FLAPWHEEL	400 Hz Power Converters
LONG TRACK	Shield Rooms (10)
JB/FF/PDAI/SPIN	Air Handlers
SCAN	
Tactical C3	
COMM/DL	

None of the articles in the right column are required, as ATIC has current equivalent capabilities or previously planned to develop them under ECIT. Threat systems in the left column are redundant, will be redundant, or have no customer base. For example, the Tactical C<sup>3</sup> and COMM/DL have never been used by a paying customer. Systems to be decommissioned will be moved as well, but at no cost to BRAC. Should unforeseen problems arise, capabilities could be reconstituted as requirements demand.

The IR Labs are slated to go to AFDTC. The IR threats will transition to AFFTC when the IR portion of ECIT is ready. The rest of the "keepers" are slated to go to the ATIC at AFFTC.

### *EMTE MOVE*

The Air Force can't afford to continue operating two open air EW ranges. The RELIANCE study, Base Capabilities Study, Roles and Missions Study, and the BOD Study all had classified annexes which acknowledged a superior capability. Over \$1.5 billion has been invested in assets and infrastructure in this capability over 25 years. EMTE fields a very few systems not possessed at our other location. Twelve systems have been identified to remain operational at Eglin as emitter-only simulators for armament testing.

Under the EC consolidation concept, systems transferring from EMTE will supplement existing capacity/density. It will save the taxpayers the relatively large cost of operating a less capable, redundant range while providing customers the benefit of testing at a higher fidelity range. Movement of systems is slated to begin in FY97, so customers have time to modify their programs as necessary. The thrust should be on long term savings to the taxpayer. The relatively high cost savings realized by operating one open air range instead of two should outweigh relatively small cost increases to some individual programs.

### *LINKING*

Data linking might help, but it isn't the complete answer. Data linking of the REDCAP and AFEWES facilities alone will not meet current SUT data flow requirements to provide a realistic test environment. Data linking of any EW test facilities is a means of optimization of the EW test process which, while appropriate in some cases, does not represent a universal solution. Further, it is not a means of addressing future test facility requirements, as the data transfer rates are likely to increase and will require encryption. Data linking can be useful for low transmission rate subjects, like target data information. It is of little use for tests requiring high data rate transmission, like SUTs with higher update rates (e.g. F-22) exceeding the link bandwidths, or raw data conversion, signal encryption,

and/or real time pulse-by-pulse events. AFEWES has been looking into injecting progressive time delays to see when miss-distance is affected by data latency, but this is not the same thing. Overlaying a simulation with another simulation (i.e, simulated time delays) in order to overcome the effects of data latency may prove useful, but it is a static fix to a dynamic problem, and may therefore be inappropriate to equate this fix with realism.

The Defense Research Engineering Network will provide this capability. We expect that Nellis and ATIC will be linked. T-1 lines between Nellis and Edwards already exist. The current ECIT I&GTC architecture contains a firm requirement for DIS-standard connectivity to outside ATIC facilities. The ECIT Program will require the ability to encrypt the data streams both going and coming to the ATIC. Program costs will be developed by the I&GTC contractor as a result of the OPSEC defined during I&GTC Phase 1.

INFORMATION PAPER  
ON  
RELOCATION WEST: THE ONE STOP SHOPPING (OSS) CONCEPT

**Objective:**

The One Stop Shopping (OSS) concept shows why relocation of current EC test facilities to a single western location is the best alternative for creating an EC Test Infrastructure that will meet the future test customer requirements. The OSS concept [as detailed in attached separate talking paper] broadens the assumptions made in the Hardware-In-The-Loop (HITL) Study (GTRI Report #A-1201 for AF/TER) [Executive Summary paper attached] methodology by including "real world" customer considerations in the Air Force EC test resource picture.

**Assumptions:**

The original four HITL Study assumptions are:

- For requirements derivation, current EC test facilities are considered to have never existed.
- The DoD acquisition process (as documented in DoD 5000.1) is sacred and must be supported by EC test infrastructure.
- Current Air Force capabilities were assessed (other Service asset assessments will be available at task completion.
- Cost and technical merit were the only distinguishing characteristics analyzed for collocation vs linking.

In addition to these assumptions, the OSS concept adds an additional assumption regarding customer satisfaction -- customer satisfaction and cost are paramount when determining allocation of EC test resources, where the customers are defined as Air Force acquisition managers.

**Fact of Life Considerations:**

Several factors have recently converged to make the OSS concept viable:

- (1) In the last five years with the dissolution of the Soviet Union, actual threat assets have become available.

Atch 3

(2) EC testing demands of the F-22 aircraft -- the first of the next generation, high speed, integrated avionics systems -- far exceeded any known capability within the DoD. Consequently, the Air Force has invested over \$200M to create the Electronic Combat Integrated Test Capability (ECIT) facility within the Avionics Test Integration Complex (ATIC) at Edwards AFB CA to support ~~installed system testing~~ -- a modification to the Benefield Anechoic Facility. The F-22 development program cannot meet cost and schedule requirements without the ECIT installed system test facility.

(3) Finally, prevailing fiscal constraints which have intensified from the DMR's of 1990 to the current downsizing initiatives have made both test infrastructure and weapon system program office budgets extremely austere and inelastic. Our challenge, therefore, has been to find a fiscally constrained solution to aircraft avionics (including EC) testing that maximizes available funds and is not disruptive to the EC test process.

The most effective course of action is to redirect more of the test process into ground test facilities in proximity of our most capable open air range; and to make ground testing as affordable as possible to the customer. With the proximity of the Edwards AFB and Nellis AFB open air ranges, anchored by the ATIC ground test complex, the critical HITL EC test facilities were the only outliers. Hence the recommendation to the BRAC Commission of moving AFEWES, REDCAP, and EMTE.

#### Concept:

The HITL Study did not attempt to measure customer satisfaction. Its focus was on deriving the best methods for applying hardware-in-the-loop facilities to the test and evaluation mission. First, the forty EC Test Infrastructure requirements were derived. Current Air Force ~~capabilities~~ were then assessed and shortfalls identified. Integration configurations of existing facilities were determined to help eliminate identified shortfalls. Technical merits and costs of the configuration implementations were judged to determine which is better: relocation, duplication, or electronic linking. Using cost/technical merits as the scale, the HITL Study finds that electronic linking is the best alternative. But the HITL Study only used test infrastructure cost and technical merit as its measuring stick. If customer satisfaction and customer costs are considered in an evaluation of implementation options, relocation to a single location for EC testing offers a better choice.

A single location, or the OSS concept, improves program manager satisfaction by reducing program costs, cost risk, scheduling risk, and technical risk; which in the aggregate reduces program risk and increases customer satisfaction.

- Program Costs. OSS cuts program costs due to the reduction in the number of aircraft sets that need to be created in order to evaluate the system under test. The F-22 SPO has estimated costs exceeding \$300M for an additional site deployment. A single location for EC testing creates synergies both in manpower and equipment, and potentially schedule, for the overall test program.
- Cost Risk. OSS reduces program cost and cost risk due to reduced subsystem quantities required to support testing.
- Scheduling Risk. Scheduling risk could be reduced by testing at a single location because relocation of test teams and equipment are reduced.
- Technical Risk. Customer technical risks could be reduced because a single location allows establishment of a center of excellence where national expertise can be pooled. The synergies of the program test teams and test organizations will be enhanced over time through seamless relationships, as well as results that are inherently better correlated. In addition, a coherent test process will continually revisit HITL and ISTF facilities to evaluate survivability and confirm observed results. Collocation enables such a coherent process.

#### Conclusion:

The HITL Study is correct in its findings given the four assumptions that were employed. But since customer satisfaction and customer costs are compelling evaluation criteria, relocation to a single location becomes the best alternative for the future Air Force EC Testing.

***THE HITL STUDY  
EXECUTIVE SUMMARY***

By  
Ken Haynes  
Jonathan Baliff

6/14/95

Prepared for  
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Atch 3.1

# THE HITL STUDY EXECUTIVE SUMMARY

## *Objective*

This goal of this study was to determine how hardware-in-the-loop (HITL) facilities can best be utilized in future electronic warfare testing.

The specific rationale for the HITL Study was to answer the DoD IG report of October 1992 on Installed System Test Facilities (ISTF). This report essentially assumed that HITLs have no stand-alone value and were useful only to augment ISTFs. Moreover, the report concluded that electronic linking was neither a technically viable nor cost-effective means of facilitating this augmentation. The Air Force took exception to these claims and accepted an OSD action item of doing a study to determine the best way to employ HITLs. Thus the HITL Study was designed to provide the basis for subsequent Air Force investment and management decisions on HITL facilities, such as the current decision on the future of AFEWES and REDCAP.

## *Assumptions*

The following assumptions govern the application and interpretation of this study's results:

- HITLs were evaluated in the context of their utility for augmenting other facilities (including other HITLs).
- Requirements derivation was based upon fundamental principles (i.e., scientific method, DoD system acquisition process) and the functional characteristics of EC systems. Current test facilities were considered not to have existed for requirements derivation.
- Requirements derivation addressed other categories of EC test facilities (i.e., SILs, ISTFs, OARs) that might be augmented by HITLs, as well as the HITLs themselves.
- Only capabilities of current Air Force facilities were assessed in Phase I. The assessment of other service assets was deferred until Phase II.
- Collocation and electronic linking were compared as alternate means of augmentation on the basis of technical performance and cost.

## *Methodology*

The HITL Study is a requirements driven study. Objective One was to derive facility requirements for the *entire EC Test Infrastructure*. All other objectives, such as determining HITL integration with other facilities and comparing implementation costs and tradeoffs, follow the requirements derivation.

First Step: Derive EC Test Facility Requirements. This step consisted of determining the attributes of an ideal facility designed to test the functions of all EW systems. Techniques described in GTRJ report A-1101 for AF/TER

For more information on this methodology, which employs the Scientific Method in conjunction with the DoD Acquisition Process, see GTRI Report A-1101 for AF/TER dated 10 DEC 1993: "Methodology for Defining EC Test Resources". This report is crucial to understanding the relationship and linkages between the EC Test Process and EC infrastructure requirements. The report also lays the groundwork for the HITL Study's 40 EC Test Requirements which the following example illustrates.

Fifth Step: Compare Collocation And Electronic Linking As Means Of Integration. Step 4 proved HITL augmentation to be of value in eliminating deficiencies. This step compared three methods of achieving the ICs: *electronic linking*, in which the facilities were connected electrically to form a real-time, distributed network; *relocation*, in which the HITL facility (or parts thereof) were assumed moved to the same location as the facility being augmented; and *replication*, in which a copy of the HITL facility (or parts thereof) was constructed at the site of the facility being augmented, while the original HITL facility continued to operate in a stand-alone mode at the

Fourth Step: Identify Integration Configurations For Facility Augmentation. In this step, facility combinations were postulated for the purpose of augmenting a facility and eliminating shortfalls. Because the study focused on the augmentation value of HITL facilities, each combination included one or more HITLs. As a first step, combinations of generic classes of facilities were identified. Ultimately, however, combinations of the specific facilities selected in Step 2 were postulated. These specific combinations were selected initially on the basis of technical judgment, but will be refined in Phase 2. In this step, discrepancies between ideal and actual facilities were mitigated by augmenting each facility in question with one or more HITL facilities, via one of the integration configurations (IC) postulated in Step 3. Some ICs were shown to have more value than others, based upon the number of discrepancies eliminated. While some discrepancies were readily eliminated by augmentation, others required upgrades to the original facility for their elimination.

Second and Third Step: Characterize Existing Facilities And Identify Deficiencies. In this step, the capabilities of existing facilities were compared to ideal facility attributes, as defined in Step 1. This comparison yielded the discrepancies between existing capabilities and requirements, removal of which would improve the application of the EW Test Process. The set of facilities chosen for comparison included representatives from all four categories, which represented the most important EW test assets of all three Services.

"Methodology for Defining EC Test Facility Requirements" were used extensively in the derivation of system under test (SUT) was different for each of the four categories, the scenario and measures of effectiveness (MOE) from which test criteria are derived were the same for all. requirements. The scope of this task was not limited to HITL facilities, but also extended to those categories which might be augmented by HITL facilities (i.e., SILs, ISTFs, OARS). Even though the configuration of the

The results of the HITL Study show that the DoD IG's conclusions about HITL facilities were in error. First HITLs can indeed be used to augment the test capability of other facilities. Second, electronic linking is not only a technically viable alternative to collocation but also the most cost-effective means of achieving that augmentation (specifically, linking is technically equivalent to collocation and costs an order-of-magnitude less). Whereas transport delay may impose some constraints upon the test configuration, these can be accommodated and do not compromise the utility of linked facility combinations.

There are a few deficiencies that cannot be eliminated by HITL augmentation without upgrades to one or more HITL facilities. The most important among these upgrades were (1) a phase AOA interface for all HITLs and ISTFs, (2) a comprehensive cockpit simulator interface to AFEWES (or some other facility in the network), and (3) dynamic, real-time environment monitoring/verification at all EC test facilities.

For the composite HITL configuration, the integration of AFEWES and REDCAP approached the idealized HITL capability) preclude the realization of this goal. For the other composite configurations, augmentation by AFEWES and/or REDCAP eliminated most ISTF and OAR deficiencies.

Our findings were that REDCAP improved the performance of all other facilities—including AFEWES—in most test scenarios, by providing a many-on-many scenario generation capability for the distributed network, as well as early warning/C<sup>3</sup> and RED man-in-the-loop IADS functions not available elsewhere. By comparison, AFEWES proved only slightly less versatile; by virtue of its ability to provide realistic threat densities (including a greater variety of closed-loop threats), the capability for testing in the IR domain, and real-time simulation of aircraft-missile terminal encounters, all of which ISTFs and OARs lack, it is useful for augmenting many tests in other facilities.

**Results**

same location. These three methods were compared in terms of both technical performance (by comparison to idealized integration) and cost.

*Regarding Congressman Quinn's questions to Mr. Ackerman dated 6/9/95:*

**QUESTION:** What are the skill levels and quantities of people now working on REDCAP?

**ANSWER:** We cannot profess to have intimate and detailed knowledge of the skill levels of each staff member at REDCAP, the vast majority of which are contractors. However, some key REDCAP personnel have been associated with and trained at the Nellis Range Complex. The Air Force has played a primary role in building the credibility and fidelity REDCAP fields today. The knowledge at REDCAP only represents a small subset of the core IADS/EW expertise resident at Nellis.

2. **QUESTION:** What plans do you have to duplicate that staff or portion of the staff that you need?

**ANSWER:** Long term; we plan on utilizing the resident staff at the gaining organization. Short term; utilization of CALSPAN during the transition is under study.

3. **QUESTION:** Where is the consideration of the cost for relocating the needed staff?

**ANSWER:** See above answer.

4. **QUESTION:** What portion of the REDCAP do you plan to move and to where?

**ANSWER:** SCIF Gateway, Remote Interface, Reactive AI, OFF Line Support, SSDL, UDL, and Classified Material will be moved. All would move to Edwards under BRAC. REDCAP assets that are reactivated will be operated by ATIC staff. Capabilities to be decommissioned will also move, but at no cost to BRAC.

5. QUESTION: Of the systems you are not moving, many have not been used recently because they simulate the FSU capabilities and that the FSU is not considered a threat currently. If the FSU became a threat, or more likely, if the FSU exports these systems to areas of the world we consider hostile, how will you resurrect the ability to test against these systems?

ANSWER: Assuming that the FSU systems are once again threats, the ATIC will be able to simulate realistic test scenarios by a combination of ECIT upgrades and former REDCAP assets. Except for SUAWACS, all systems to be decommissioned will be available in storage at ECIT for reintegration as necessary..

6. QUESTION: Has anyone determined that the AFFTC infrastructure is compatible with REDCAP data structure and format?

ANSWER: REDCAP data structure and format can be successfully integrated within currently planned ECIT upgrades to the ATIC, not the other way around. The ECIT design, which will consider all open architecture data format standards, will be able to accommodate REDCAP assets.

7. QUESTION: If another ISTF test capability can accommodate REDCAP's workload, why isn't this workload being done at that capability now rather than utilizing REDCAP at close to 100% doing IADS testing?

ANSWER: REDCAP's capability will be integrated in the ECIT ISTF as a part of the workload projection. Separately, OAR range capabilities can meet the limited actual threat system evaluators required.

8. QUESTION: Is this other capability so underutilized that it can accommodate the nearly 100% workload from REDCAP?

ANSWER: REDCAP has a small number of paying customers, and the other (OAR) capability can absorb this relatively small workload.

9. QUESTION: Can this other capability simulate specific geographical locations such as IRAQ, North Korea, etc.?

ANSWER: Yes. In addition, the currently planned ECIT upgrades to the ATIC will be able to represent these geographic locations and more.

10. QUESTION: Customers use REDCAP to do Mission Level Assessment, which requires:

- Specific geographic locations
- Specific types and generations of threat equipment
- Specific locations for this equipment
- Specific and unique interconnects

Can this other capability accommodate the REDCAP's ability to do Mission Level Assessment?

ANSWER: Yes, in some cases completely and in some cases on a limited basis. To the extent this capability is dependent on REDCAP's off line simulation capability, the capability is the same, as this capability is slated to move. Additionally, the ATIC will have the capability to perform a variety of both DT&E and OT&E work on EW SUTs in both ISTF and HITL to include limited Mission Level Assessment against specific scenario IADS.

11. QUESTION: Has there been adequate allowances for the relative cost differences for testing at this other capability?

ANSWER: Yes. Movement of systems is slated to begin in FY 98, so customers have time to modify their programs if required. In any case, the thrust should be on long term savings to the taxpayer and not on individual program costs.

12. QUESTION: Can this other capability test systems and techniques that are just concepts, such as the cross section of an aircraft before the aircraft is built or a jammer before it is made flight worthy?

ANSWER: Yes, this capability exists today. In addition, the ATIC I&M programs currently underway in the ECIT will address test requirements for fused sensor testing of ~~planned/imaginary~~ SUTs in other spectra regions (example, RF and IR).

13. QUESTION: What value do test customers realize by testing their equipment or techniques against the "off line simulation capability"?

ANSWER: This is a question better suited for the customers to answer. Reduced acquisition risk, regressive/repeatable testing, test aircrew training, test scenario development at a more economic rate come to mind. As this capability has been and remains by far the most utilized of REDCAP's capabilities, one can only assume it is of far more value than any other REDCAP capability, singly or in combination.

JACK QUINN  
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 TRANSPORTATION AND  
 INFRASTRUCTURE  
 SUBCOMMITTEE  
 ECONOMIC DEVELOPMENT  
 SURFACE TRANSPORTATION  
 WOMEN, RESOURCES AND EMPLOYMENT  
 BUS ROADS  
 VETERANS' AFFAIRS  
 HUMAN RESOURCES AND HEALTH CARE  
 JOINT ECONOMIC COMMITTEE

**Congress of the United States**

House of Representatives

Washington, DC 20515-3219

**MEMORANDUM TO: MR. STEVE ACKERMAN**

**FROM: Congressman Jack Quinn**

**SUBJECT: Redcap Hearing**

**DATE: 6/9/95**

Mr. Ackerman,

I have enclosed for your reference two pages of questions I would like to have answered by the Airforce Briefer at the upcoming Redcap Hearing. Your assistance in this matter would be greatly appreciated.

Very truly yours,

*Jack Quinn*  
 Jack Quinn  
 Member of Congress



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currently supported by a staff of or the order of 50 people.

- What are the skill levels and quantities of people now working on REDCAP?

- What plans do you have to replicate that staff or portion of the staff that you need?

- How do you consider the costs for relocating the needed staff?

- What portions of REDCAP do you plan to move and to where?

- Of the systems you are not moving, many have not been used recently because they simulate the Former Soviet Union (FSU) capabilities and the FSU is not considered a threat currently. If the FSU becomes a threat or, more likely, if the FSU exports these systems to areas of the world we consider hostile, how will you ressource the ability to test against those systems?

- Col Heidenreich has stated that APFC includes infrastructure to support REDCAP, including scenario and environment generation capability, data analysis computers. Has anyone determined that this infrastructure is compatible with REDCAP data structures and formats?

In response to BRAC inquiries, General Blume stated:

"Other Integrated Air Defense Systems (IADS) test capability exists which can accommodate REDCAP's workload. This other capability already conducts IADS testing and, as such, has personnel possessing IADS experience and expertise."

- If another IADS test capability can accommodate REDCAP's workload, why isn't this work being done at that capability now rather than utilizing REDCAP at close to 100% doing IADS testing?

- Is this other capability so underutilized that it can accommodate the nearly 100% workload from REDCAP?

- Can this other capability simulate specific geographic locations such as Iraq, North Korea, etc.?

- Customers use REDCAP to do Mission Level Assessment, which requires:

Specific geographic locations

Specific types and generations of threat equipment

Specific locations for this equipment

Specific and unique interconnections

These all need to be changed for different areas of interest.

Can this other test capability accommodate this requirement?

- Can this other capability test systems and techniques that are just concepts, such as the cross section of an aircraft before the aircraft is built or a jammer before it is made flight worthy?

- Has there been adequate allowances for the relative cost differences for testing at this other capability?

General Blume also stated:

"Only one of REDCAP's 16 capabilities (the off-line simulation capability) enjoys high current usage..."

- What value do test customers realize by testing their equipment or techniques against the "off-line simulation capability"?

**POINT PAPER  
ON  
CONGRESSMAN QUINN'S ADDITIONAL REDCAP INFORMATION**

Outsourcing: Why move REDCAP (and AFEWES) and insource an operation which has been outsourced for the last thirty years?

The activities associated with REDCAP will probably still be outsourced, as the Air Force already does so with many of its activities at Major Range and Test Facility Bases (MRTFBs). The only difference is that it will be located at AFFTC.

Return on Investment:

**MILCON** -- The \$6.2M cost addressed in Congressman Quinn's information package assumes that no facility exists at the receiving end. In reality, there is currently 14,000+ sq ft of shielded and secure space available in the IFAST Building at Edwards AFB CA. Projected workload will decrease this space over the next nine months only, and at least 10,000 - 12,000 sq ft will be available by mid-96, well ahead of any BRAC moves. The \$0.7M MILCON cost addressed by the Air Force details the required building upgrades.

**MOVING** -- Since the REDCAP equipment is not moving in its entirety, the \$6.5M figure given by Congressman Quinn must be questioned. The COBRA model includes tear-down, packing and shipping, and reassembly under the moving assumptions; whereas the Air Force estimate of \$1.7M assumed limited teardown and reassembly (based on site survey) with most of the cost in packing and shipping, but not of the entire contents. Equipment deemed surplus will be properly disposed of. Also, care should be exercised in using raw COBRA moving data due to the differences in volume and weight factors when doing the calculations.

**MISSION** -- The mission savings per year should approximate the Air Force figure of \$0.8M mainly due to the fact that not all of the equipment will be transferred directly to the Edwards AFB facility. Additionally, utility and computer maintenance costs will be amortized across existing contracts, and should not be considered as separate costs, as noted in Congressman Quinn's background information.

Atch 5

Document Separator



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

Please refer to this number  
when responding 950609-7

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

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REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

Jun 9, 1995

Major General Jay D. Blume, Jr. (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

Dear General Blume:

We request you provide any additional backup information regarding the site survey for the Brooks AFB recommendation. We are especially interested in information pertaining to how the manpower savings were obtained. Please highlight if appropriate, how the "Dorn" cuts were applied. We need this back up information in order to complete our analysis.

To assist the Commission in its work, we request this information to be provided by June 15, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE  
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE

16 JUN 1995



MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Additional Brooks AFB Information (RT Tasker 594)

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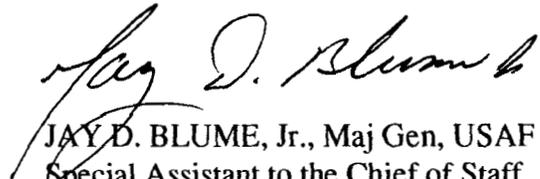
This responds to your FAX request (9500609-7) of June 9, 1995 regarding additional information on the Brooks AFB recommendation, especially on how the manpower savings were obtained and how "Dorn" cuts were applied. The attached information is provided to assist your analysis. Please note the project order sheets are in Then Year Dollars which will be higher than the numbers used in COBRA due to adjustments for inflation.

We need to further address the "Dorn" reductions. Both closures (Rome Lab and Brooks AFB) used the same approach. The "Dorn" reductions were applied based on the review of the site survey teams. Upon consideration, the Air Force determined that personnel authorizations that would be eliminated prior to completion of the BRAC action would not be moved to a new location. The "Dorn" reductions were not taken as BRAC related savings, they were taken as a force structure change prior to the BRAC action. The reduction in personnel authorizations was distributed based on the following calculation:

Non-savings "Dorn" reductions = [Undistributed reduction (PB 1996-2001) in personnel authorizations - Known specific reduction actions (e.g., F-111, BRAC closure eliminations] \* (Total base population/Total AFMC population)

The personnel savings for Brooks AFB were based on the standard Air Force methodology to determine the base operating support savings of 422. The remaining personnel savings of 84 are attributed to consolidating Human System Center (formerly at Brooks AFB) with Aeronautical System Center and Human System Institute at Wright-Patterson AFB.

I trust this information will be responsive to your request. Maj Michael Wallace, 695-6766, is my point of contact.

  
JAY D. BLUME, Jr., Maj Gen, USAF  
Special Assistant to the Chief of Staff  
for Realignment and Transition

Attachments:

1. Manpower Sheets on Brooks AFB Closure
2. Additional Brooks AFB Closure COBRA-related Information

## BRAC95 MANPOWER IMPACT WORKSHEET

BASE: BROOKS

CLOSURE

	OFF	AMN	CIV	ACTIVE	DRILL	TOTAL	COMMENTS
ADJUSTED BASELINE POPULATION	827	1,110	1,445	3,382	38	3,420	
MISSION & BOS TO REALIGN	765	812	1,215	2,792	38	2,830	
MANPOWER IMPACTS							
Move Armstrong Lab	-231	-357	-427	-1015	0	-1015	less 42 consolidation, 99 Dorn
BOS tail	-1	-23	-67	-91	0	-91	
Move Human Sys Center (incl med school)	-223	-139	-181	-543	0	-543	less 174 support embedded in HSC
BOS tail	0	-12	-36	-48	0	-48	23 consolidation, 22 medical supply
<b>AL &amp; HSC consolidation savings (per AFMC)</b>	<b>0</b>	<b>0</b>	<b>-76</b>	<b>-76</b>	<b>0</b>	<b>-76</b>	42 AL, 23 HSC, 10 med supply
<b>BOS tail savings</b>	<b>0</b>	<b>-2</b>	<b>-5</b>	<b>-7</b>	<b>0</b>	<b>-7</b>	
Medical supply manpower retained (DHP) <i>COFS w/ HSI</i>	0	0	-12	-12	0	-12	12 DHP in med supply
<b>BOS tail savings</b>	<b>0</b>	<b>0</b>	<b>-1</b>	<b>-1</b>	<b>0</b>	<b>-1</b>	
Move 615 School Sq to Wright-Pat	-16	-4	-13	-33	0	-33	
BOS tail	0	-1	-2	-3	0	-3	
Move 68 Intel Sq (AIA) to Medina (Lackland)	-4	-127	0	-131	0	-131	
BOS tail	0	-3	-9	-12	0	-12	
Move 710th Intel Flight (AFRES) to Medina (Lackland)	0	0	-2	-2	-38	-40	
BOS tail	0	0	-1	-1	0	-1	
Move Center for Environmental Excellence	-47	-2	-286	-335	0	-335	
BOS tail	0	-7	-20	-27	0	-27	
Move medical agencies	-35	-6	-44	-85	0	-85	
BOS tail	0	-2	-6	-8	0	-8	
Move other units (OSI, AFBCA, DFAS, etc.)	-2	-7	-8	-17	0	-17	
BOS tail	0	0	-1	-1	0	-1	
Students & BOS tail to move <i>TO WPAFB</i>	-206	-120	-18	-344	0	-344	
Support manpower retained	-26	-89	-53	-168	0	-168	
<b>Estimated closure savings</b>	<b>36</b>	<b>209</b>	<b>177</b>	<b>422</b>	<b>0</b>	<b>422</b>	
<b>TOTAL SAVINGS (INCL CONSOLIDATION)</b>	<b>36</b>	<b>211</b>	<b>259</b>	<b>506</b>	<b>0</b>	<b>506</b>	

AL (W/FM/PK MATRIX AND SAVINGS) AUTHORIZATIONS TO TRANSFER TO WPAFB

	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u>	<u>COMMENTS</u>
BASELINE (EOM AUG 94 UMD)	227	356	561	1144	
UMD ADJUSTMENTS	0	0	-54	-54	
	0	0	6	6	
	4	1	7	12	
<b>TOTAL AUTHORIZED</b>	<b>231</b>	<b>357</b>	<b>520</b>	<b>1108</b>	TRANSFER MEDSITE TO YA CIV PROGRAM ADJUSTMENT
MATRIXED FROM FM	0	0	18	18	
MATRIXED FROM PK	3	0	19	22	
<b>TOTAL MATRIXED</b>	<b>3</b>	<b>0</b>	<b>37</b>	<b>40</b>	
<b>TOTAL (AL W/FM/PK MATRIX AT HSC)</b>	<b>234</b>	<b>357</b>	<b>557</b>	<b>1148</b>	
<del>LESS MATRIXED TRANSFERRED TO ASC</del>	<del>-3</del>	<del>0</del>	<del>-37</del>	<del>-40</del>	
AL CONSOLIDATION SAVINGS (SD GRAPHICS, PHOTO, ETC.)	0	0	-42	-42	
<b>AL HSI (AT WPAFB)</b>	<b>231</b>	<b>357</b>	<b>478</b>	<b>1066</b>	

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# HQ HSI (AT WPAFB)

	OFF	ENL	CIV	TOTAL
<b>HQ HUMAN SYSTEMS</b>				
HSC/CC, CCE,CCEA				
CD	3	2	1	6
CCP	0	0	2	2
CMS	0	0	1	1
CCX	0	1	0	1
XP	4	0	2	6
XR	0	0	5	5
	12	0	11	23
SUBTOTAL HQ				
	19	3	22	44
<b>HOME OFFICE ACQ/LAB SUPPORT</b>				
EM	1	0	7	8
FM	0	0	8	8
JA	3	1	0	4
PK	0	0	7	7
QI	0	0	1	1
SE	0	0	2	2
	4	1	25	30
SUBTOTAL HOME OFC SPT				
	23	4	47	74
TOTAL				

YA (W/FM/PK MATRIX) AUTHORIZATIONS TO TRANSFER TO WPAFB

	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u>
BASELINE (EOM AUG 94 UMD)	112	41	84	237
TRANSFER TO MEDSITE FROM AL	0	0	54	54
TOTAL AUTHORIZED	112	41	138	291
MATRIXED FROM FM	6	0	9	15
MATRIXED FROM PK	0	0	3	3
TOTAL MATRIXED	6	0	12	18
TOTAL (YA W/FM/PK MATRIX) TO TRANSFER TO WPAFB	118	41	150	309

SAM (W/RAM STUDENTS) AND SAS

	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u>	<u>COMMENTS</u>
BASELINE (EOM AUG 94 UMD)					
USAFSAM	38	88	42	168	
RESIDENT AEROSPACE MEDICINE	31	0	0	31	FLIGHT SURGEONS
<b>SUBTOTAL USAFSAM</b>	<b>69</b>	<b>88</b>	<b>42</b>	<b>199</b>	
<b>70TH TRAINING SQDN</b>	<b>16</b>	<b>4</b>	<b>13</b>	<b>33</b>	<b>SYSTEMS ACQ SCHOOL</b>

HQ HSC (FM, PK, JA, ETC.)

HQ FUNCTIONS	OFF	ENL	CIV	TOT
CCEA	0	2	0	2
FINANCIAL MANAGEMENT	0	8	9	17
HISTORY OFFICE	0	1	1	2
INSPECTOR GENERAL	1	0	1	2
INTELLIGENCE	0	1	1	2
JUDGE ADVOCATE	5	7	2	14
MANPOWER	1	4	4	9
PUBLIC AFFAIRS	1	1	4	6
CONTRACTING	0	4	21	25
SAFETY	0	0	2	2
ENVIRONMENTAL MANAGEMENT	1	0	7	8
<b>TOTAL HQ HSC SUPPORT</b>	<b>9</b>	<b>28</b>	<b>52</b>	<b>89</b>

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70TH ABG SUPPORT AUTHS

<u>ORG</u>	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u>
70 ABG/CC	3	1	2	6
CCQ	1	2	0	3
CE	5	32	172	209
COMM	5	41	29	75
COMMAND POST	0	5	0	5
DP	1	0	1	2
DPC	0	0	21	21
DPE	4	8	10	22
DPM	2	26	2	30
FAMILY SUPPORT	0	1	7	8
HC	3	3	0	6
IM	1	4	4	9
LG	1	0	1	2
LGS	1	31	14	46
LGT	0	21	9	30
MED SVC STAFF	0	0	1	1
MEDICAL SQ	23	73	12	108
SA	1	3	0	4
SP	1	55	0	56
SV	1	16	44	61
XP	0	1	4	5
<b>TOTAL 70TH ABG</b>	<b>53</b>	<b>323</b>	<b>333</b>	<b>709</b>

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Brooks Base Closure and Realignment Totals

Budget	Total Request	96	97	98	99	00	01	BY 95 Total	Remarks
Total 110	119.773154	0.000000	0.000000						
Total 120	10.180718	0.000000	0.000000	88.626319	31.146835	0.000000	0.000000	186.320000	
Total 100	129.953873	0.000000	0.000000	7.532237	2.647481	0.000000	0.000000	9.037200	
Total 310	20.064714	0.909620	0.000000	96.159556	33.794316	0.000000	0.000000	115.357200	
Total 311	1.082581	0.049350	1.312021	1.929425	5.964270	5.731495	0.000000	17.259525	
Total 320	28.394793	1.287259	0.071182	0.104678	0.323583	0.310954	4.217883	0.936390	
Total 330	18.380165	1.374114	1.856720	2.730446	0.104678	8.110986	0.228835	24.425000	
Total 340	6.277661	0.284594	1.981999	2.914678	0.410401	9.009901	5.968982	26.073031	
Total 341	1.942006	0.028040	0.410493	0.603661	1.866046	8.658259	6.371727	3.400000	
Total 342	0.051477	0.002334	0.126987	0.186744	0.577263	1.793217	1.319652	1.670500	
Total 343	15.900441	0.724916	0.003366	0.004950	0.013302	0.554735	0.408237	0.044280	
Total 345	0.052779	0.002393	1.045606	1.537642	4.753186	0.014704	0.010821	2.286764	
Total 346	4.079661	0.184949	0.003451	0.005075	0.015689	4.567677	3.361414	0.045400	
Total 348	6.712814	0.304321	0.266767	0.392301	1.212686	0.015076	0.011025	3.509296	
Total 352	0.278953	0.012646	0.438947	0.645505	1.995396	1.165357	0.857602	5.774316	
Total 300	183.314046	5.224533	0.018241	0.026824	1.995396	1.917519	1.411127	0.239954	
Total 612	0.003162	0.003162	7.535779	11.081929	0.082919	0.079683	0.058640	0.003000	
Total 630	0.073314	0.000000	0.000000	0.000000	34.256642	32.919661	24.226014	87.664453	
Total 640	2.426423	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.003000	
Total 650	1.784415	2.426423	0.000000	0.000000	0.000000	0.000000	0.073314	0.060000	
Total 600	4.287314	0.000000	0.005430	0.000000	0.000000	0.000000	0.000000	2.302000	
Total 721	0.338377	2.429585	0.005430	0.000000	0.000000	1.778985	0.000000	1.505000	
Total 724	0.603971	0.338377	0.000000	0.000000	0.000000	1.778985	0.073314	3.870000	
Total 725	3.8178952	0.603971	0.000000	0.000000	0.000000	0.000000	0.000000	0.340000	
Total 700	4.780243	0.590268	0.6081376	0.000000	0.000000	0.000000	0.000000	0.573000	
Total	242.335476	9.306724	8.119347	107.867504	68.696011	35.362801	34.983592	211.164655	

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HSC/CCB BROOKS AFS TX

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Brooks AFB, Base Closure Cost Estimate

BASE NAME: BROOKS AFB				BASE CLOSURE COST ESTIMATE (FISCAL YEAR)											
BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROGRAM	BUDGET PROJECT	PROJECT DESCRIPTION	REQUEST TOTAL	96	97	98	99	00	01	REMARKS	
HRO	BR0001	BRO	W-P	100	110	95-3351, New USARSA Academic Complex 95-3381, Area 821, 95-3361, New Outdoor Training Facility, 95-3363, New Pipeline Detonator;	21,285	0.000	0.000	21,285	0.000	0.000	0.000	0.000	MILCON
DRO	BR0002	BRO	W-P	100	110	95-3353, Renovate 57 & 17 for VA Systems Program Office	10,597	0.000	0.000	0.000	10,597	0.000	0.000	0.000	MILCON
HRO	BR0003	BRO	W-P	100	110	95-3354, Renovate 22 for ALSD-VA Cancer Related Library	2,236	0.000	0.000	2,236	0.000	0.000	0.000	MILCON	
DRO	BR0004	BRO	W-P	100	110	95-3355, Renovate 28 for ALHQ	0,968	0.000	0.000	0.000	0,968	0.000	0.000	MILCON	
HRO	BR0005	BRO	W-P	100	110	95-3356, ADAL 33 AL Centrifuge Facility	3,410	0.000	0.000	3,410	0.000	0.000	0.000	MILCON	
DRO	BR0006	BRO	W-P	100	110	95-3358, ADAL 79, 190, 434 & WISE for Aerospace Medical & Clinical Labs	19,582	0.000	0.000	0.000	19,582	0.000	0.000	MILCON	
DRO	BR0007	BRO	W-P	100	110	95-3360, ADAL 824 AL/OE Vivarium	15,427	0.000	0.000	15,427	0.000	0.000	0.000	MILCON	
DRO	BR0008	BRO	W-P	100	110	95-3362, New AL Facility (includes 95-3369 New Reference Lab & 3373)	24,929	0.000	0.000	24,929	0.000	0.000	0.000	MILCON	
HRO	BR0009	BRO	W-P	100	110	95-3383, Renovate 125 for Acquisition School, 70 TRS	0,626	0.000	0.000	0,626	0.000	0.000	0.000	MILCON	
HRO	BR0010	BRO	KRI	100	110	97-3113, Kelly AFB - New AP Doug Testing Lab, Part 1, 97-3119, ADAL, 1500 AFMS/AVFYCOMADVTL	1,399	0.000	0.000	1,399	0.000	0.000	0.000	MILCON	
DRO	BR0011	BRO	LAC	100	110	97-3772, Lackland AFB - ADAL Intelligence Operations Facility	1,073	0.000	0.000	1,073	0.000	0.000	0.000	MILCON	
DRO	BR0012	BRO	LAC	100	110	97-4012, Lackland AFB - AL/OA New Hypertensive Med Facility (includes 95,3361 New Equine)	6,372	0.000	0.000	6,372	0.000	0.000	0.000	MILCON	
DRO	BR0013	BRO	TYN	100	110	95-9999, Tyndall AFB - New AFCEE Facility	11,671	0.000	0.000	11,671	0.000	0.000	0.000	MILCON	
DRO	BR0014	BRO		100	120	Design, All @ & 5% of each project	10,181	0.000	0.000	7,533	2,647	0.000	0.000	Design	
DRO	BR0015	BRO	SUBTOTAL 100	300	310	Summary Civ Separation Incentives	129,954	0.000	0.000	96,160	33,794	0.000	0.000		
DRO				300			8,774	0.398	0.574	0.844	2,608	2,506	1,844	All Otrp	

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Brooks AFB, Base Closure Cost Estimate

BASE NAME: BROOKS AFB				BASE CLOSURE COST ESTIMATE (FISCAL YEAR)											REMARKS
BASE (AMB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROGRAM	BUDGET PROJECT	PROJECT DESCRIPTION	REQUEST TOTAL	96	97	98	99	00	01		
BRO	BRO016	BRO		300	310	Summary Civ Health & Dentists Covrg	4.363	0.198	0.283	0.470	1.297	1.246	0.917	All Orgs	
BRO	BRO017	BRO		300	310	Summary Civ Severance Pay	2.685	0.122	0.176	0.158	0.798	0.767	0.564	All Orgs	
BRO	BRO018	BRO		300	310	Summary Civ Annual Leave	4.243	0.192	0.277	0.408	1.261	1.212	0.892	All Orgs	
BRO	BRO019	BRO		300	311	Summary Unemployment Comp	1.089	0.049	0.071	0.105	0.324	0.311	0.229	All Orgs	
BRO	BRO020	BRO		300	320	Summary Civ PCS	28.395	1.287	1.857	2.730	2.440	8.111	5.969	All Orgs	
BRO	BRO021	BRO		300	330	AFMISA Computer Systems and Service	0.064	0.003	0.004	0.006	0.019	0.018	0.013	Transport of Things (TOT)	
BRO	BRO022	BRO		300	330	AL HQ Plus - CAT 3 TOT Summary	0.312	0.014	0.020	0.030	0.093	0.089	0.066		
BRO	BRO023	BRO		300	330	AL AO - CAT 3 TOT Summary	2.325	0.105	0.152	0.224	0.691	0.664	0.489		
BRO	BRO024	BRO		300	330	AL CF - CAT 3 TOT Summary	6.314	0.286	0.413	0.607	1.877	1.804	1.327		
BRO	BRO025	BRO		300	330	AL OE - CAT 3 TOT Summary	2.472	0.112	0.162	0.238	0.735	0.706	0.520		
BRO	BRO026	BRO		300	330	DPS RF Defense Printing Service	0.006	0.000	0.000	0.001	0.002	0.002	0.001		
BRO	BRO027	BRO		300	330	HSC - CAT 3 TOT Summary	0.507	0.023	0.033	0.049	0.151	0.145	0.107		
BRO	BRO028	BRO		300	330	SAMEA	0.766	0.035	0.050	0.074	0.228	0.219	0.161		
BRO	BRO029	BRO		300	330	70th ADG & Atch Units - CAT 1/2 TOT	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
BRO	BRO030	BRO		300	330	AFMOA/AFMISA - CAT 1/2 TOT	0.101	0.005	0.007	0.010	0.030	0.029	0.021		
BRO	BRO031	BRO		300	330	AI - CAT 1/2 TOT	1.459	0.066	0.095	0.140	0.434	0.417	0.307		
BRO	BRO032	BRO		300	330	HSC - CAT 1/2 TOT	1.062	0.048	0.069	0.102	0.316	0.303	0.223		
BRO	BRO033	BRO		300	330	SAM - CAT 1/2 TOT	1.392	0.063	0.091	0.134	0.414	0.398	0.293		
BRO	BRO034	BRO		300	330	All Other Unit - CAT 1/2 TOT	1.598	0.072	0.105	0.154	0.475	0.457	0.336		
BRO	BRO035	BRO		300	340	HSC Real Property Maint Sum	6.278	0.285	0.410	0.604	1.866	1.793	1.320		

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HSC/CCB BROOKS AFB TX

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JUN 15 '95 14:15 HQ AF/CX/RJ WRIGHT-PATTERSON OH

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P.013

JUN-15-1995 13:21

210 536 2018 P.05/06

Brooks AFB, Base Closure Cost Estimate

BASE NAME: BROOKS AFB				BASE CLOSURE COST ESTIMATE (THIRN YEAR)												
BASE (ABB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROGRAM	BUDGET PROJECT	PROJECT DESCRIPTION	REQUEST TOTAL	96	97	98	99	00	01	REMARKS		
BRO	BRO036			300	341	Civ Pay Sum	1.942	0.088	0.127	0.187	0.577	0.515	0.408			
BRO	BRO037	BRO		300	342	Travel Sum	0.031	0.002	0.003	0.005	0.015	0.015	0.011			
BRO	BRO038	BRO		300	343	98-9999a, Tyndall AFB - New AFCEE Facility	2.325	0.105	0.152	0.224	0.691	0.664	0.489	COMM		
BRO	BRO039	BRO		300	343	AFCEE Computer Ops	1.163	0.053	0.076	0.112	0.346	0.332	0.244	COMM		
BRO	BRO040	BRO		300	343	WPAFB-WP352	3.009	0.136	0.197	0.289	0.894	0.860	0.633	COMM		
BRO	BRO041	BRO		300	343	WPAFB-WP355	1.433	0.065	0.094	0.138	0.426	0.409	0.301	COMM		
BRO	BRO042	BRO		300	343	WPAFB-WP358	0.941	0.043	0.062	0.090	0.280	0.269	0.198	COMM		
BRO	BRO043	BRO		300	343	WPAFB-WP359	1.139	0.052	0.075	0.110	0.339	0.325	0.240	COMM		
BRO	BRO044	BRO		300	343	WPAFB-WP366	2.171	0.098	0.142	0.209	0.645	0.620	0.456	COMM		
BRO	BRO045	BRO		300	343	WPAFB-WP362	1.151	0.052	0.075	0.111	0.342	0.329	0.242	COMM		
BRO	BRO046	BRO		300	343	Other Comm Sum	2.658	0.121	0.174	0.256	0.790	0.759	0.559	COMM		
BRO	BRO047	BRO		300	345	Purchase Equip Sum	0.053	0.002	0.003	0.005	0.016	0.015	0.011			
BRO	BRO048	BRO		300	346	70 CS/SC	0.087	0.004	0.006	0.008	0.026	0.025	0.018	Purchase Other		
BRO	BRO049	BRO		300	346	AL, OA Purchase Other	0.291	0.013	0.019	0.028	0.087	0.083	0.061			
BRO	BRO050	BRO		300	346	AL, CF Purchase Other	0.326	0.015	0.021	0.031	0.097	0.093	0.069			
BRO	BRO051	BRO		300	346	AL, IQ Purchase Other	0.308	0.014	0.020	0.030	0.092	0.088	0.065			
BRO	BRO052	BRO		300	346	AL, OE Purchase Other	2.685	0.122	0.176	0.258	0.798	0.767	0.564			
BRO	BRO053	BRO		300	346	SAM/EA	0.017	0.001	0.001	0.002	0.005	0.005	0.004	Purchase Other		
BRO	BRO054	BRO		300	346	Trained Program Requirements	0.029	0.001	0.002	0.003	0.009	0.008	0.006	Purchase Other		
BRO	BRO055	BRO		300	346	Other Purchased Serv Misc	0.336	0.015	0.022	0.032	0.100	0.096	0.071			

HSC/CCB BROOKS AFB TX

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Brooks AFB, Base Closure Cost Estimate

BASE NAME: BROOKS AFB					BASE CLOSURE COST ESTIMATE (FIVE YEAR)										REMARKS
BASE (ABIB)	PROJ REF	CLOSE BASE	RELIGN LOC	BUDGET PROGRAM	BUDGET PROJECT	PROJECT DESCRIPTION	REQUEST TOTAL	96	97	AMOUNT (M\$)		98	99	00	
BRO	BRO056	BRO		300	348	Equipment	6.713	0.304	0.439	0.646	1.995	1.918	1.411		
BRO	BRO057	BRO		300	352	AFMC Travel	0.279	0.013	0.018	0.027	0.083	0.080	0.059		
				SubTotal 300			103.314	4.684	6.756	9.935	30.710	29.512	21.718		
BRO	BRO058	BRO		600	612	HISC/EM, Environmental Management	0.003	0.003	0.000	0.000	0.000	0.000	0.000		
BRO	BRO059	BRO		600	630	HISC/EM, Environmental Management	0.073	0.000	0.000	0.000	0.000	0.000	0.000		
BRO	BRO060	BRO		600	640	HISC/EM	2.426	2.426	0.000	0.000	0.000	0.000	0.000		
BRO	BRO061	BRO		600	650	HISC/EM Summary	1.784	0.000	0.005	0.000	0.000	0.000	0.000		
				SubTotal 600			4.287	2.430	0.005	0.000	0.000	1.779	0.000		
BRO	BRO062	BRO		700	721	HISC/EM, Environmental Management	0.358	0.358	0.000	0.000	0.000	1.779	0.073		
BRO	BRO063	BRO		700	724	HISC/EM, Environmental Management	0.604	0.604	0.000	0.000	0.000	0.000	0.000		
BRO	BRO064	BRO		700	725	HISC/EM, Environmental Management	3.818	0.590	0.608	0.626	0.645	0.664	0.684		
				SubTotal 700			4.780	1.553	0.608	0.626	0.645	0.664	0.684		
				Program Total			142.335	8.666	7.369	106.720	65.150	31.955	22.476		

HSC/CCB BROOKS AFB TX

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JUN 15 '95 14:20 HQ AF/CX/RJ WRIGHT-PATTERSON OH

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**LIST OF BRAC RELATED PROJECTS**

LOSING BASE	PROJECT BASE	PROJECT NUMBER	PROJECT TITLE	Scope	COST(\$000)
Brooks	Kelly	MBPB973119	BC - Renovate for AF Drug Testing Lab and AFMSA and AFMOA		1,430
	Lackland	AETC Prepared	MPYJ973272	BC - Convert Intelligence Operations Facility	960
			MPLS978012	BCL - Hyperbaric Medical Facility (\$3.3M MCP, \$2.4M Equip)	5,700
					6,660
	Tyndall	AETC Prepared	XLWU989999A	BC - Air Force Center for Environmental Excellence AFCEE	74,077
				BC - Renovate facility for AFCEE	540
					10,440
	Wright-Patterson	USAFSAM	ZHTV953361	BC - USAFSAM Academic Facility	89,100
			ZHTV953361	BC - USAFSAM Outdoor Training Area	3,000
			ZHTV953363	BC - USAFSAM Pipeline Student Dorm	53,500
			ZHTV953381	BC - ADAL USAFSAM Bldg 821	24,000
					19,040
		SAS	ZHTV953383	Renovate for Acquisition School	15,400
		AL/AO	ZHTV953358	BC - ADAL Fac's for Aerospace Medical & Clinical Labs	95,500
		YA SPO	ZHTV953353	BC - Renovate for YA SPO (Bldg 57)	74,000
					9,200
		HSI & AL HQ	ZHTV953355	BC - Renovate Facility for HSI and AL Staff Headquarters	90,000
					840
		AL/CFT	ZHTV953373	BC - Crew Technology Facility	29,100
					7,900
		AL/OE	ZHTV953362	BC - (AL/OE) ADAL Occupational Environmental Health Lab	97,350
			ZHTV953360	BC - Addition to Vivarium	14,400
					53,000
					13,800
					28,200
			ZHTV953354	BC - Renovate Library for YA SPO & AL/SD	20,000
			ZHTV953356	BC - Centrifuge Facility Addition	2,000
					10,700
					3,050
					6,050
				<b>TOTAL CONSTRUCTION COST</b>	<b>106,320</b>
				Design Fee	9037
				<b>TOTAL MILCON COST</b>	<b>116,357</b>

4 270k Brooks Hall  
(Brooks Construction)

ATC  
2  
6/14/95 7:26 AM

ATC



DEPARTMENT OF THE AIR FORCE  
HEADQUARTERS UNITED STATES AIR FORCE



MEMORANDUM FOR AF/RT *3/12*

12 JUN 1995

FROM: AF/CE

SUBJECT: Cost Avoidance Brooks AFB Housing

Our staff completed a review of the military family housing (MFH) shortfall issue in the San Antonio metropolitan area. New housing market analyses were recently completed for all the San Antonio bases. The projected deficits before BRAC 95 are:

<u>BASE</u>	<u>DEFICITS</u>
Kelly AFB	141
Lackland AFB	580

Keeping the 170 units at Brooks AFB will reduce the projected housing deficit in the San Antonio area by 136. The remaining 34 housing units are related to Brooks AFB realignments to Lackland. We propose transferring the housing to Lackland AFB should the Brooks AFB closure be approved by the Closure Commission. Lackland AFB has the greatest need for additional military family housing in the foreseeable future. Due to proposed BRAC 95 realignments to Lackland AFB, the deficit for military family housing will increase.

Keeping the 170 Brooks AFB family housing units will create an FY96 \$4.2M and a FY01 \$16.8M cost avoidance for new construction of military family housing at Lackland AFB. Recommend that the BRAC 95 language specifically exclude the closure of the 170 Brooks family housing units and realign them to Lackland AFB. Our POC for BRAC housing issues is Major Ron Deak at 70157.

*Robert D. Wolff*  
ROBERT D. WOLFF, P.E.  
Deputy Civil Engineer



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

178  
Please refer to this number  
when responding

A50609-11

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA  
REBECCA COX  
GEN J. B. DAVIS, USAF (RET)  
S. LEE KLING  
RADM BENJAMIN F. MONTROYA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

June 9, 1995

Major General Jay Blume (Attn: Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

Dear General Blume:

I am forwarding two attached letters from the office of Congressman Jack Quinn. These include the community's estimated costs associated with the proposed transfer, as well as a COBRA run based on the estimates.

In order to assist the Commission in its review of this issue, I would appreciate your written comments on the issues presented no later than June 16, 1995. If you have any questions, please call Mr. Steve Ackerman at (703) 696-0504 Ext. 162. Thank you.

Sincerely,

Francis A. Cirillo Jr., PE  
Air Force Team Leader

Document Separator

JACK QUINN  
30TH DISTRICT, NEW YORK

TRANSPORTATION AND  
INFRASTRUCTURE

SUBCOMMITTEES:

AIRFARE TRANSPORTATION  
RESOURCES AND ENVIRONMENT  
RAILROADS

VETERANS' AFFAIRS

SUBCOMMITTEE:

HOSPITALS AND HEALTHCARE

JOINT ECONOMIC COMMITTEE



Congress of the United States  
House of Representatives  
Washington, DC 20515-3230

June 6, 1995

Mr. Alan Dixon  
Chairman  
Defense Base Closure and Realignment Commission  
1700 North Moore Street  
Suite 1425  
Arlington, Virginia 22209

Dear Mr. Dixon:

I have enclosed several documents which should clarify some pending questions regarding the REDCAP facility located in my district in Buffalo, New York. I hope you will find this information helpful.

If you have any further questions regarding this information please do not hesitate to contact me or Beth Meyers of my staff at (202) 225-3306.

Thank you in advance for your assistance with this matter.

Very truly yours,

  
Jack Quinn  
Member of Congress

JQ:bmm

PLEASE RESPOND TO:

WASHINGTON OFFICE  
331 CANNON BUILDING  
WASHINGTON, DC 20515  
(202) 225-3306  
FAX: 226-0347

MAIN OFFICE:  
403 MAIN STREET  
SUITE 240  
BUFFALO, NY 14203-2199  
(716) 845-5257  
FAX: 847-0323

SATELLITE OFFICE:  
1490 JEFFERSON AVENUE  
BUFFALO, NY 14208  
(716) 886-4075

## OUTSOURCE RDT&E ACTIVITIES

In "Directions for Defense", Report of the Commission on Roles and Missions of the Armed Forces", May 24, 1995

The Commission recommends "Outsource all commercial type support activities."

Why move REDCAP (and AFEWES) and insource an operation which has been outsourced for the last 30 years?

## RETURN ON INVESTMENT

	USAF (\$M)	LIKELY (\$M)
MILCON	0.7	6.2
MOVING	1.7	6.5
MISSION (savings per year)	0.8	0.3
OTHER	1.3	1.3
NPV (20 years)	-8.9 (savings)	8.1
ROI YEAR	2002	2034
ROI PERIOD	4 Years	36 Years

LIKELY MILCON COSTS  
(see attached detail)

REDCAP Facility including support areas (27,000 sq ft x \$164.40 sq ft)	Pages 399 and 530*	\$ 4,438,800
Raised floor required (18,000 sq ft at \$11.63 sq ft)	Page 262*	209,340
Supplemental cooling required	Page 357*	158,700
RF shielded rooms / SCIF shielded rooms	Actual experience	300,000
Supplemental under floor electrical costs (from REDCAP Upgrades)	Actual experience	301,256
Supplemental security controls (Alarms, access control system, cameras, locks, etc.)	Actual experience	<u>100,000</u>
		<u>5,508,096</u>
Architectural fees @ 8.5%	Page 408*	<u>468,188</u>
		<u>5,976,284</u>
Furniture (tables, chairs, etc.) (See Furniture Listing)		<u>198,400</u>
TOTAL		<u>\$ 6,174,684</u>

\*Means Building Construction Cost Data, 53rd Edition, 1995  
Bakersfield, CA, is listed as the closest city to Edwards AFB.

## LIKELY MILCON COSTS DETAIL

• REDCAP Facility	
Means Page 399, Colleges Science & Engineering Laboratories	\$150/sq ft
Bakersfield, CA multiplier, Page 530	1.096
	\$164.40/sq ft
REDCAP Facility and support areas	27,000 sq ft
	\$4,438,800
• Raised floor, Page 262 - 18,000 sq ft @ \$11.63/sq ft including high pressure covering and snap on strings	
	\$209,340
• Supplemental cooling, Means Page 357	
12 units @ 3 tons - \$9,775 each = \$117,300	
2 units @ 10 tons - \$20,700 each = \$41,400	\$158,700
	\$5,508,096
• Architectural Fees, Means Page 408 for project size of 5M churches, hospitals, etc., @ 8.5%	
	\$468,188
	\$5,976,284
• Furniture Listing:	
Chairs - 242 @ \$300 each	72,600
Tables/computer desks - 116 @ \$300 each	34,800
Safes - 45 @ \$1,500 each	67,500
Supply Cabinets - 50 @ \$200 each	10,000
Equipment Carts - 15 @ \$300	4,500
Bookcases - 45 @ \$200	9,000
Total	\$ 198,400

## LIKELY COSTS TO MOVE REDCAP

(See REDCAP Move Costs)

Documentation including Security Accreditations	\$ 1,052,807
Package, Ship, Unpack	1,700,531
Test System	3,537,536
Replacement cost of embedded CFE	<u>170,014</u>
Total Cost to Move	<u>\$ 6,460,888</u>

Air Force estimate seems to be based on weight only. Didn't include documentation of undocumented systems, security accreditation, reintegrating the system and testing it. All of these assume that the same cables can be used, i.e., the same spacial orientation and cable routing is maintained. There is also a small amount of contractor materials in some of the older systems.

ITEM	SPACE (sq ft)	POWER (120V/hrs)	DOC UPDATE (hrs)	PACKAGE (hrs)	PACKAGE (\$)	SHIP (\$)	UNPACK/SETUP (hrs)	STANDALONE TEST (hrs)	SYSTEM INTEGRATION (hrs)	TOTAL (hrs)	MATERIAL (\$)
SUAVACS	1200	14,300A, 7,200A									
R1	210	8,200A	2320	1100	5,200	16,000	1200	2000	2080	8120	21,200
R2	240	7,200A	240	240	1,200	4,200	280	720	640	2120	5,400
R3	240	7,200A	240	220	1,200	4,200	280	720	640	2100	5,400
R4	240	7,200A	240	220	1,200	4,200	280	720	640	2100	5,400
R5	240	7,200A	240	240	1,200	4,200	360	960	640	2500	5,400
EW/H/F 1 note 2	120	3,200A	0	160	400	3,000	160	80	160	560	3,400
EW/H/F 2 note 2	120	3,200A	0	160	400	3,000	160	80	160	560	3,400
EW/H/F 3 note 2	120	3,200A	0	160	400	3,000	160	80	160	560	3,400
EW 1 note 2	60	2,200A	0	80	250	2,000	80	80	80	320	2,250
EW 2 note 2	60	2,200A	0	80	250	2,000	80	80	80	320	2,250
EW 3 note 2	60	2,200A	0	80	250	2,000	80	80	80	320	2,250
PEG	180	5,200A	0	200	1,000	3,800	240	80	80	320	2,250
CVOL	690	23,200A	4480	400	2,000	16,100	640	4000	960	2400	4,800
SSOL	150	5,200A	0	200	1,000	3,800	400	200	640	920	1,800
UIE	120	4,200A	0	160	800	2,500	400	200	640	1440	4,800
SYSTEM CONTROL note 1	1080	16,200A, 2,300A	0	360	1,200	8,000	520	400	640	1400	3,300
VOICE SWITCH	60	2,200A	0	160	500	2,000	520	1000	1280	2560	10,200
RADAR SWITCH	120	3,200A	0	160	500	3,000	400	400	200	1880	2,500
SCF GATEWAY	130	2,300A	2000	200	3,000	2,000	400	480	200	1160	3,500
OL SUPPORT note 1	2100	75,200A, 6,300A	0	400	1,600	11,000	1000	640	1280	3320	12,600
REMOTE INTERFACE	240	6,200A	0	240	600	4,300	300	420	320	1280	4,900
GROUND C2	1320	23,200A	0	560	2,800	14,100	560	800	3600	5520	16,900
REACTIVE AI	420	10,200A	0	280	1,200	4,300	240	400	1600	2520	5,700
CLASSIFIED MATERIAL	540		0	1510	500	12,000	1510	0	0	3020	12,500
TOTALS	10150		10000	7890	* 29,850	* 140,100	10530	16260	17360	62040	169,950

Documentation Updates - 10,000 hours

Package, ship, unpack/set up - 18,320 hours plus \*'s above)

Standalone test and system integration - 33,600 hours

Replacement cost of CFE (estimated)

\$ 1,052,807  
 1,700,531  
 3,537,536  
170,014  
 \$ 6,460,888

# MISSION

(savings/year)

Air Force used 1.2M annual mission cost (source unknown).  
Currently REDCAP requires less than 1M.  
(Also anticipate we will hold to that ceiling in the future.)  
Therefore

	Air Force	Likely
at Buffalo	1,200	1,000
Contractor at Edwards	*390	*390
Utilities	0	203
Computer Maintenance Contracts	<u>0</u>	<u>140</u>
Total	<u>800K</u>	<u>260K</u>

\*covers only 44% of the equipment.

OTHER

REDCAP Facility Abandonment Costs

General Construction

\$ 729,813 est.

Electrical

367,014 est.

Mechanical

245,697 est.

Total

\$ 1,342,523 est.

COBR  
 COBRA REALIGNMENT SUMMA. (COBRA v5.08)  
 Data As of 06/05/95, Report Created 06/05/1995

Department : USAF  
 Option Package : TE-1 (EC) - Edwards  
 Scenario File : C:\COBRA508\TEST\REDCAP1.CBR  
 Std Fctrs File : C:\COBRA508\TEST\DEPOTFIN.SFF

Starting Year : 1996  
 Final Year : 1998  
 ROI Year : 2034 (36 years)

NPV in 2015 (\$K) : 8121  
 1-Time Cost (\$K) : 13978

Net Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total	Beyond
MilCon	0	6175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6175	0
Person	0	0	-54	-125	-125	-125	-125	-125	-125	-125	-125	-125	-125	-125	-125	-3000	-4554	-4250
Overhd	1	1	15	12	12	12	12	12	12	12	12	12	12	12	12	288	449	408
Moving	0	0	6461	0	0	0	0	0	0	0	0	0	0	0	0	0	6461	0
Missio	0	0	-267	-267	-267	-267	-267	-267	-267	-267	-267	-267	-267	-267	-267	-6408	-9879	-9078
Other	0	0	0	1342	0	0	0	0	0	0	0	0	0	0	0	0	1342	0
<b>TOTAL</b>	<b>1</b>	<b>6176</b>	<b>6155</b>	<b>962</b>	<b>-380</b>	<b>-9120</b>	<b>-6</b>	<b>-12920</b>										

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total
<b>POSITIONS ELIMINATED</b>																	
Off	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Enl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Civ	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>												

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total
<b>POSITIONS REALIGNED</b>																	
Off	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Enl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>												

Summary:  
 Realign REDCAP from AFDTC (Buffalo) to AFFTC Edwards

COB: COBRA v5.08)  
 COBRA REALIGNMENT SUMMARY  
 Data As of 06/05/95, Report Created 06/05/1995

Department : USAF  
 Option Package : TE-1 (EC) - Edwards  
 Scenario File : C:\COBRA508\TEST\REDCAP1.CBR  
 Std Fctrs File : C:\COBRA508\TEST\DEPOTFIN.SFF

Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total	Beyond	
Milcon	0	6175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6175	0	
Person	0	0	18	9	9	9	9	9	9	9	9	9	9	9	9	9	216	342	306
Overhd	1	1	20	19	19	19	19	19	19	19	19	19	19	19	19	19	456	706	646
Moving	0	0	6462	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6462	0
Missio	0	0	733	733	733	733	733	733	733	733	733	733	733	733	733	733	17592	27121	24922
Other	0	0	0	1342	0	0	0	0	0	0	0	0	0	0	0	0	0	1342	0
<b>TOTAL</b>	<b>1</b>	<b>6176</b>	<b>7233</b>	<b>2103</b>	<b>761</b>	<b>18264</b>	<b>42148</b>	<b>25874</b>											

Savings (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total	Beyond	
Milcon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Person	0	0	72	134	134	134	134	134	134	134	134	134	134	134	134	134	3216	4896	4556
Overhd	0	0	5	7	7	7	7	7	7	7	7	7	7	7	7	7	168	257	238
Moving	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Missio	0	0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	24000	37000	34000
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>1078</b>	<b>1141</b>	<b>27384</b>	<b>42154</b>	<b>38794</b>												

COBf  
 COBRA REALIGNMENT SUMMARY (COBRA v5.08)  
 Data As of 06/05/95, Report Created 06/05/1995

Department : USAF  
 Option Package : TE-1 (EC) - Edwards  
 Scenario File : C:\COBRA508\TEST\REDCAP1.CBR  
 Std Fctis File : C:\COBRA508\TEST\DEPOTFIN.SFF

RECURRING COSTS (\$K)

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M																		
RPMA	0	0	16	16	16	16	16	16	16	16	16	16	16	16	16	384	592	544
BOS	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	72	111	102
Unique Operat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIL PERSONNEL																		
Off Salary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
House Allow	0	0	9	9	9	9	9	9	9	9	9	9	9	9	9	216	333	306
OTHER																		
Mission	0	0	733	733	733	733	733	733	733	733	733	733	733	733	733	17592	27121	24922
Misc Recur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	761	761	761	761	761	761	761	761	761	761	761	761	761	18264	28157	25874
TOTAL COST	1	6176	7233	2103	761	761	761	761	761	761	761	761	761	761	761	18264	42148	25874

ONE-TIME SAVES (\$K)

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total	Beyond
CONSTRUCTION																		
MILCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M																		
1-Time Move	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIL PERSONNEL																		
Mil Moving	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
OTHER																		
Land Sales	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

COBRA  
**COBRA REALIGNMENT SUMMARY (COBRA v5.08)**  
 Data As of 06/05/95, Report Created 06/05/1995

Department : USAF  
 Option Package : TE-1 (EC) - Edwards  
 Scenario File : C:\COBRA508\TEST\REDCAP1.CBR  
 Std Fctrs File : C:\COBRA508\TEST\DEPOTFIN.SFF

RECURRING SAVES (\$K)	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011-2034	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M																		
RPMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOS	0	0	5	7	7	7	7	7	7	7	7	7	7	7	7	168	257	238
Unique Operat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Civ Salary	0	0	23	47	47	47	47	47	47	47	47	47	47	47	47	1128	1715	1598
CHAMPUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MIL PERSONNEL																		
Off Salary	0	0	39	79	79	79	79	79	79	79	79	79	79	79	79	1896	2883	2686
Enl Salary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
House Allow	0	0	9	9	9	9	9	9	9	9	9	9	9	9	9	216	333	306
OTHER																		
Procurement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mission	0	0	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	24000	37000	34000
Misc Recur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	1076	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	27408	42188	38828
TOTAL SAVINGS	0	0	1077	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	27408	42189	38828

FILE:NPV

NET PRESENT VALUE (NPV) OF FUTURE COSTS

RATE: 2.71%

<u>YEAR</u>	<u>COST (\$)</u>	<u>ADJUSTED COST (\$)</u>	<u>NPV \$</u>
1996	1	1	1
1997	6,176	5,924	5,925
1998	6,155	5,746	11,671
1999	962	874	12,545
2000	-380	-336	12,209
2001	-380	-327	11,882
2002	-380	-318	11,564
2003	-380	-310	11,254
2004	-380	-302	10,952
2005	-380	-294	10,659
2006	-380	-286	10,373
2007	-380	-278	10,095
2008	-380	-271	9,824
2009	-380	-263	9,561
2010	-380	-256	9,304
2011	-380	-250	9,055
2012	-380	-243	8,812
2013	-380	-236	8,575
2014	-380	-230	8,345
2015	-380	-224	8,121





## Item Descriptions

SUAWACS - SUAWACS RF simulation, VAX computer, RAMTEK display, SUAWACS C2 processor and 7 SUAWACS consoles.

R1, R2, R3, R4, R5 - Five old radar simulations. One radar control panel, and one video extractor is included with each old radar simulation.

EW/HF 1, EW/HF 2, EW/HF 3 - Three combined early warning (EW) radar display consoles and height finder (HF) consoles. The EW console includes a PPI display, 2 alphanumeric displays, joystick and various switches. The HF console includes a PPI display, height indicator display, and various switches.

EW 1, EW 2, EW 3 - Three EW radar display consoles.

PEG - Radar pulse environment generator.

CVDL - The IBM 9221 computer, communications environment generator, 4 RF voice links, and the old VHF band data link. This equipment is not presently integrated with the upgraded REDCAP. Integration of this equipment is planned for Option D.

SSDL - IFF and S band data link simulation. Simulation includes 1 interrogator and 4 transponders for IFF and 1 S band transmitter.

UDL - An RF simulation of a UHF band Air-Air data link. UDL provides for up to 4 remote sites and 1 central site. Configurable to two sets of two sites.

System Control - Overall system control. System control includes Facility Master Controller processor, Test Conductor area, video and voice recorders, and TV cameras. The Test Conductor area includes 4 workstations, 1 large screen projector, 3 PPI displays, 8 color monitors, 3 high resolution monochrome monitors, and 9 low resolution monochrome monitors.

Voice Switch - Voice switch matrix. The voice switch provides intercom between all consoles along with public address system.

Radar Switch - Controls the routing of video signals to Test Conductor, radar video to EW and HF consoles, and synchronization signals between radars simulators.

SCIF Gateway - A guard between SCI facility and collateral facility.

OL Support - Off-line (OL) support. OL support includes two SUN file servers, 13 SUN workstations, 20 PCs and 30 terminals. OL is used to support software and hardware maintenance, scenario development and test analysis.

Remote Interface - Remote interface equipment. The remote interface includes DIS interface, tactical situation display of DIS entities, encryption gear, voice channels, MIL-STD-1553B interface and data multiplexers. Also, include interface kit for remote facility.

Ground C2 - Ground C2 simulation. Ground C2 includes the Ground C2 processor used for real time software models of radars, radar sites, filter centers, passive detection, site to site data links, ground to air links including IFF, etc. Ground C2 also includes 8 commander consoles, 6 controller consoles, 3 manual plot boards, and 2 large screen projectors (used as automatic plotters). Each commander console provides a color graphic display, keyboard, trackball, and various switches. Each controller console provides a stroke graphics display, 2 alphanumeric displays, joystick and various switches.

Reactive AI - Reactive aircraft simulation. Reactive AI includes the reactive aircraft control processor, 4 pilot stations and 2 weapons system officer (WSO) consoles. Each pilot station provides a head down display, an out the window display, throttle, joystick and various switches. Each WSO console provides a head down display and joystick.

Classified Material - All classified documents and archived tapes presently stored at REDCAP.

## NOTES

Note 1 - Required before any simulation can be performed. All simulation elements depend upon system control for scenario execution. OL support is required to develop scenarios.

Note 2 - Requires at least one old radar simulator and the Ground C2.

This list includes all items (including completed ones) for GFY 95 and following years.

**1 MLAT Modeling & Simulation I**

Contract Status: Completed  
Assets Required: System Control, Ground C2, Reactive AI,  
Voice Switch, OL Support, SCIF Support  
POC: Capt Kurt Rinke (505) 846-5328  
Organization: AFOTEC/ST  
Performance Period: 8/26/94 - 4/17/95

**2 F-117 CLOAR OT&E Prep**

Contract Status: On Contract  
Assets Required: System Control, Ground C2, Reactive AI,  
Voice Switch, OL Support  
POC: Maj Doug Higgins (916) 643-6935  
Organization: SM-ALC/QLA  
Performance Period: 8/23/94 - 4/24/97

**3 MLAT Modeling & Simulation II**

Contract Status: On contract  
Assets Required: System Control, Ground C2, Reactive AI,  
Voice Switch, OL Support, R1...R5,  
EW/HF1...EW/HF3, EW1...EW3, SCIF Support  
POC: Capt Kurt Rinke (505) 846-5328  
Organization: AFOTEC/ST  
Performance Period: 1/31/95 - 4/24/96

**4 B-1 MLAT Test Program**

Contract Status: SOW submited. Contract award eminent.  
Assets Required: System Control, Ground C2, Reactive AI,  
Voice Switch, OL Support, R1...R5,  
EW/HF1...EW/HF3, EW1...EW3, SCIF Support  
POC: Mike Marker (505) 846-5202  
Organization: HQ AFOTEC/XRR  
Performance Period: 6/15/95 - 2/14/96

**5 REDCAP/ACETEF Linkage\***

Contract Status: On contract.  
Assets Required: System Control, Ground C2, Reactive AI,  
Voice Switch, OL Support, R1...R5,  
EW/HF1...EW/HF3, EW1...EW3, SCIF Support  
SSDL, UDL, PEG, Remote Interface  
POC: Mr. Bob Ruddy (301) 826-6192  
Organization: NAWCAD/ACETEF  
Performance Period: 5/15/95 - 6/30/96

- 6 **Air Force Advanced Distributed Simulation\***  
 Contract Status: Awaiting funding  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface  
 POC: Capt Ron Wiegand (505) 846-6265 DSN 246-6256  
 Organization: AWC/DET 4 TACCSF  
 Performance Period: 1/19/95 - 12/8/95
- 7 **JADS Link Development\***  
 Contract Status: Future  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface  
 POC: Lt Col Homer Jeffers (505) 846-4203  
 Organization: HQ AFOTEC JADS/JTF  
 Performance Period: 11/1/95 - 6/30/97
- 8 **JADS Correlation and Validation\***  
 Contract Status: Future  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface, R1...R5, EW/HF1...EW/HF3, EW1...EW3, PEG, SUAWACS Simulator  
 POC: Lt Col Homer Jeffers (505) 846-4203  
 Organization: HQ AFOTEC JADS/JTF  
 Performance Period: 10/1/96 - 6/30/98
- 9 **JADS Mission Level Assessment\***  
 Contract Status: Future  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface, SUAWACS Simulator R1...R5, EW/HF1...EW/HF3, EW1...EW3, PEG.  
 POC: Lt Col Homer Jeffers (505) 846-4203  
 Organization: HQ AFOTEC JADS/JTF  
 Performance Period: ? -12/30/99
- 10 **Air Force Advanced Distributed Simulation\***  
 Contract Status: Awaiting funding  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface  
 POC: Capt Ron Wiegand (505) 846-6265 DSN 246-6256  
 Organization: AWC/DET 4 TACCSF  
 Performance Period: 1/19/95 - 12/8/95
- 11 **B-2 STRATCOM Penetration Test**  
 Contract Status: Future  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, SUAWACS, R1...R5, EW/HF1...EW/HF3, EW1...EW3  
 POC: Mr Bob Linnell (402) 294-1095  
 Organization: US STRATCOM/J5/CPC  
 Performance Period: 10/1/95 - 4/2/96

12 **JETTA\***  
Contract Status: Study effort on contract, awaiting funding for test effort  
Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, SUAWACS, R1...R5, EW/HF1...EW/HF3, EW1...EW3, Remote Interface  
POC: Ms Laura Knight (619) 553-3969  
Organization: Naval Research & Development Center  
Performance Period: 11/1/95 - 4/30/96

13 **B-2 MLAT III Penetration Analysis\***  
Contract Status: Future  
Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, R1...R5, EW/HF1...EW/HF3, EW1...EW3, Remote Interface, SCIF Support  
POC: Capt Kurt Rinke (505) 846-5328  
Organization: AFOTEC/ST  
Performance Period: 2/1/96 - 2/21/97

14 **REDCAP/ACETEF Testing\***  
Contract Status: Pending funding release.  
Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, R1...R5, EW/HF1...EW/HF3, EW1...EW3, SCIF Support SSDL, UDL, PEG, Remote Interface  
POC: Mr. Bob Ruddy (301-826-6192)  
Organization: NAWCAD/ACETEF  
Performance Period: 6/30/96 - 12/31/96

15 **F-117 CLOAR**  
Contract Status: On Contract  
Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, SCIF Support, R1...R5, EW/HF1...EW/HW3, EW1...EW3  
POC: Maj Doug Higgins (916) 643-6935  
Organization: SM-ALC/QLA  
Performance Period: 10/1/96 - 4/28/97

16 **F22 CNI Test**  
Contract Status: Unknown  
Assets Required: New Radar Simulator, SCIF  
POC: Maj Lhomond Jones (513) 255-1715 ext-2485  
Organization: ASC/YF  
Performance Period: 6/1/97 - 7/31/97

- 17 F22 FMS / REDCAP Test Phase I\***  
 Contract Status: Unknown  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface, SUAWACS R1...R5, EW/HF1...EW/HW3, EW1...EW3,  
 POC: Maj Lhomond Jones (513) 255-1715 ext 2485  
 Organization: ASC/YF  
 Performance Period: 10/21/96 - 10/17/97
- 18 F22 Baseline RCS Test**  
 Contract Status: Unknown  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, SUAWACS R1...R5, EW/HF1...EW/HW3, EW1...EW3,  
 POC: Maj Lhomond Jones (513) 255-1715 ext 2485  
 Organization: ASC/YF  
 Performance Period: 2/12/97 - 10/28/97
- 19 F22 EC Effectiveness RCS Test\***  
 Contract Status: Unknown  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface, R1...R5, EW/HF1...EW/HW3, EW1...EW3, SUAWACS  
 POC: Maj Lhomond Jones (513) 255-1715 ext 2485  
 Organization: ASC/YF  
 Performance Period: 4/1/97 - 10/27/97
- 20 F22 FMS/REDCAP Test Phase II\***  
 Contract Status: Unknown  
 Assets Required: System Control, Ground C2, Reactive AI, Voice Switch, OL Support, Remote Interface, R1...R5, EW/HF1...EW/HW3, EW1...EW3, SUAWACS  
 POC: Maj Lhomond Jones (513) 255-1715 ext 2485  
 Organization: ASC/YF  
 Performance Period: 6/8/98 - 11/27/98
- 21 Precision RTJ Paths**  
 Contract Status: Completed  
 Assets Required: OL Support  
 POC: Maj Rick Hale (904-882-3410)  
 Organization: AFDTC/46TW  
 Performance Period: 1/10/94 - 12/31/94
- 22 Combat ID Technical Support**  
 Contract Status: On contract  
 Assets Required: OL Support  
 POC: Ms Sue Angell (617) 377-6540  
 Organization: ESC/ZJI  
 Performance Period: 1/3/94 - 6/30/95

- 23 TO&M Management**  
 Contract Status: Ongoing  
 Assets Required: OL Support  
 POC: Maj Rick Hale (904-882-3410)  
 Organization: AFDTC/46TW  
 Performance Period: 1/10/95 - 9/30/96
- 24 TO&M Maintenance**  
 Contract Status: Ongoing  
 Assets Required: All hardware and software  
 POC: Maj Rick Hale (904-882-3410)  
 Organization: AFDTC/46TW  
 Performance Period: 1/10/95 - 9/30/96
- 25 F22 Inquiry Support**  
 Contract Status: Completed  
 Assets Required: OL Support  
 POC: Maj Rick Hale (904-882-3410)  
 Organization: AFDTC/46TW  
 Performance Period: 1/10/94 - 1/31/95
- 26 B-2 ASC/YS Modeling & Simulation**  
 Contract Status: Contract award imminent  
 Assets Required: OL Support, SCIF Access  
 POC: Maj Keith Carter (513) 255-9682  
 Organization: ASC/YSDT  
 Performance Period: 6/1/95 - 2/26/96
- 27 JADS Planning Support**  
 Contract Status: Completed  
 Assets Required: OL Support  
 POC: Lt Col Homer Jeffers (505) 846-4203  
 Organization: HQ AFOTEC JADS/JTF  
 Performance Period: 2/15/95 - 4/11/95

## ELECTRONIC LINKING OF REDCAP

From Executive Correspondence Tracking System 950510-7

Response # 2 from Lt Col Wes Heidenreich

"REDCAP is linked for the purpose of providing simulated Integrated Air Defense System (IADS) cueing to terminal threats, resulting data delays should not cause problems since IADS command and control is highly people-dependent and human interactors (by their nature) are slower than electronically transferred data!"

Conclusion:

REDCAP does not need to move but can and should be electronically linked.

## INFRASTRUCTURE ISSUES

From Executive Correspondence Tracking System 950510-7  
Response # 3 from Lt Col Wes Heidenreich

3. Approximately 44% of the equipment at REDCAP and 50% of the equipment at AFEWES would have to be moved in order to effectively conduct EW T&E. Infrastructure currently available within the AF Flight Test Center to accommodate the REDCAP mission includes the overall facility (some MILCON is needed for work in the existing building), scenario and environment generation capability, data analysis computers, host capabilities for the system under test, and the ability to conduct hardware-in-the-loop testing against threat radars netted together into a simulated IADS.

### Comment:

- A. REDCAP is an integrated system. Moving only 44% of the equipment will severely impact it's EC test mission capability. The command and control simulation is what the test community needs. Most other subsystems exist to support the command and control simulation.
- B. Current infrastrustructure does not exist at AFFTC. The space doesn't exist, scenario and environment generation capability is incompatible, data analysis computers are not compatible. Host capabilities for the systems under test would have to be integrated with REDCAP subsystems and would conflict with current usage of that capability.
- C. There is no capability to conduct hardware-in-the-loop (radar receivers) testing against threat radars netted together into a simulated IADS. Range radars do not fulfill the requirements for hardware-in-the-loop testing.

## SHARING OF COSTLY ISTF RESOURCES

From Executive Correspondence Tracking System 950510-7  
Response # 4 from Lt Col Wes Heidenreich

### Summary:

The ATIC at Edwards has a much larger Anechoic Chamber than ACETEF at Pax River, assuming the ECIT Program builds the required infrastructure, the ATIC would be a better candidate to have REDCAP and AFFWES than ACETEF because of the larger chamber size.

### Comment:

All of REDCAP's capabilities can be available to both facilities by electronic linkage to ATIC at Edwards and ACETEF at Pax River. No capabilities need to be abandoned and linkage would be independent of ECIT funding.

Additionally electronic linkage of REDCAP can provide all REDCAP's capabilities to the training, contingency planning, and intelligence communities, a task impossible once REDCAP is broken up and moved.

## MILCON TO HOUSE REDCAP AT EDWARDS

From Executive Correspondence Tracking System 950510-7  
Response # 5 from Lt Col Wes Heidenreich

5. Although initial BRAC estimates did not include any MILCON at Edwards AFB, subsequent site visits could not locate sufficient existing floor space (that area thought to be available is required for future ECIT equipment). Thus, a floor would have to be added in a pre-existing structure to accommodate the REDCAP and AFEWES missions; this will require \$2.8M in MILCON, which has been input into the BRAC COBRA analysis.

### Comment:

- A. The current REDCAP Facility and required support areas occupying 27,000 sq ft. The Air Force likely used just the equipment "footprint" of the hardware without considering operational area requirements, maintenance or storage areas, and no separate SCIF.

Document Separator

THIS FAX CONTAINS 4 PAGES, INCLUDING THIS COVER SHEET.

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REMARKS:

\_\_\_\_\_  
Kara Austin  
\_\_\_\_\_  
Cassandra McClam  
\_\_\_\_\_  
Beth Meyers  
\_\_\_\_\_  
Mike Pietkiewicz  
\_\_\_\_\_  
Paulette Toellner

FROM:

COMPANY: Redcap Haring

TO: Mr. Steve Ackerman

DATE: 6-9-95

FAX NUMBER: 703-696-0550

WASHINGTON D.C. OFFICE OF CONGRESSMAN JACK QUINN  
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House of Representatives  
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**TRANSPORTATION AND  
INFRASTRUCTURE**

**SUBCOMMITTEE:**

**SURFACE TRANSPORTATION  
WATER RESOURCES AND ENVIRONMENT  
RAILROADS**

**VETERANS' AFFAIRS**

**SUBCOMMITTEE:**

**HOSPITALS AND HEALTHCARE**

**JOINT ECONOMIC COMMITTEE**



**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-3230**

PLEASE MARK THE

**WASHINGTON OFFICE:**

331 CANNON BUILDING  
WASHINGTON, DC 20515  
(202) 225-3308  
FAX: 225-0347

**MAIN OFFICE:**

403 MAIN STREET  
SUITE 240  
BUFFALO, NY 14203-2199  
(716) 845-5267  
FAX: 847-0323

**SATELLITE OFFICE:**

1490 JEFFERSON AVENUE  
BUFFALO, NY 14208  
(716) 896-4076

**MEMORANDUM TO: MR. STEVE ACKERMAN**

**FROM: Congressman Jack Quinn**

**SUBJECT: Redcap Hearing**

**DATE: 6/9/95**

---

Mr. Ackerman,

I have enclosed for your reference two pages of questions I would like to have answered by the Airforce Briefer at the upcoming Redcap Hearing.

Your assistance in this matter would be greatly appreciated.

Very truly yours,

  
Jack Quinn  
Member of Congress

Col Heidemreich has stated that AFPC includes infrastructure to support REDCAP, including scenario and environment generation capability, data analysis computers. Has anyone determined that this infrastructure is compatible with REDCAP data structures and formats?

- Of the systems you are not moving, many have not been used recently because they simulate the former Soviet Union (FSU) capabilities and the FSU is not considered a threat currently. If the FSU becomes a threat or, more likely, if the FSU exports these systems to areas of the world we consider hostile, how will you resurrect the ability to test against those systems?

- What portions of REDCAP do you plan to move and to where?
  - Where is the consideration of the costs for relocating the needed staff?
  - What plans do you have to replicate that staff or portion of the staff that you need?
  - What are the skill levels and quantities of people now working on REDCAP?
- REDCAP is currently supported by a staff of on the order of 58 people.

In response to BRAC inquiries, General Blum stated:

"Other Integrated Air Defense Systems (IADS) test capability exists which can accommodate REDCAP's workload. This other capability already conducts IADS testing and, as such, has personnel possessing IADS experience and expertise."

- If another IADS test capability can accommodate REDCAP's workload, why isn't this work being done at that capability now rather than utilizing REDCAP at close to 100% doing IADS testing?

- Is this other capability so underutilized that it can accommodate the nearly 100% workload from REDCAP?

- Can this other capability simulate specific geographic locations such as Iraq, North Korea, etc.?

- Customers use REDCAP to do Mission Level Assessment, which requires:

- Specific geographic locations
- Specific types and generations of threat equipment
- Specific locations for this equipment
- Specific and unique interconnections

These all need to be changed for different areas of interest.

Can this other test capability accommodate this requirement?

- Can this other capability test systems and techniques that are just concepts, such as the cross section of an aircraft before the aircraft is built or a jammer before it is made flight worthy?

- Has there been adequate allowance for the relative cost differences for testing at this other capability?

General Blum also stated:

"Only one of REDCAP's capabilities (the off-line simulation capability) enjoys high current usage..."

- What value do test customers realize by testing their equipment or techniques against the "off line simulation capability"?

Document Separator



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

AL CORNELLA

REBECCA COX

GEN J. B. DAVIS, USAF (RET)

S. LEE KLING

RADM BENJAMIN F. MONTOYA, USN (RET)

MG JOSUE ROBLES, JR., USA (RET)

WENDI LOUISE STEELE

June 8, 1995

Major General Jay Blume (Lt. Col. Mary Tripp)  
Special Assistant to the Chief of Staff  
for Base Realignment and Transition  
Headquarters USAF  
1670 Air Force Pentagon  
Washington, D.C. 20330-1670

179  
950608-8

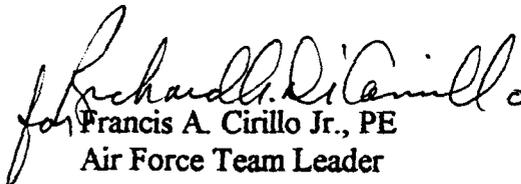
Dear General Blume:

The revised COBRA regarding the closure of Roslyn Air Guard Station, NY, dated June 6, assumes \$20 million in proceeds from the sale of property will be used to offset costs associated with relocation of the unit. Only when these proceeds are considered is the move cost effective.

Since DOD policy states that proceeds from the sale of land generally may not be realized, using these proceeds to offset costs may not be valid. Please provide the rationale on why the situation at Roslyn is unique and enables the Air Force to utilize proceeds from disposal of the property. Also, could you please identify the minimum amount that needs to be realized from sale of the property to offset costs associated with the closure.

In order to assist the Commission in its review of this issue, I would appreciate your written comments on this letter no later than June 16, 1995. Thank you for your assistance in this matter.

Sincerely,

  
Francis A. Cirillo Jr., PE  
Air Force Team Leader

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950608-8

FROM: CIRILO, FRAVIA  
 TO: BLUMF, JAY  
 TITLE: AIR FORCE TEAM LEADER  
 TITLE: SPECIAL ASST  
 ORGANIZATION: DBCRC  
 ORGANIZATION: HEADQUARTERS USAF  
 INSTALLATION (S) DISCUSSED: ROSLYN AIR GUARD STATION

OFFICE OF THE CHAIRMAN	FYI	ACTION	INT	COMMISSION MEMBERS	FYI	ACTION	INT
CHAIRMAN DIXON				COMMISSIONER CORNELIA			
STAFF DIRECTOR				COMMISSIONER COX			
EXECUTIVE DIRECTOR				COMMISSIONER DAVIS			
GENERAL COUNSEL				COMMISSIONER KING			
MILITARY EXECUTIVE				COMMISSIONER MONTROYA			
DIR./CONGRESSIONAL LIAISON				COMMISSIONER ROBLES			
DIR./COMMUNICATIONS				COMMISSIONER STEELE			
EXECUTIVE SECRETARIAT				DIRECTOR OF R & A			
DIRECTOR OF ADMINISTRATION				ARMY TEAM LEADER			
CHIEF FINANCIAL OFFICER				NAVY TEAM LEADER			
DIRECTOR OF TRAVEL				AIR FORCE TEAM LEADER			
DIR./INFORMATION SERVICES				INTERAGENCY TEAM LEADER			
				CROSS SERVICE TEAM LEADER			

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature	Prepare Reply for Commissioner's Signature		
Prepare Reply for Staff Director's Signature	Prepare Direct Response		
ACTION: Offer Comments and/or Suggestions	FYI		

Subject/Remarks:

QUESTION REGARDING 20 MILLION IN PROFITS THAT OOD PLANS TO OBTAIN FROM SALE OF PROPERTY

Routing Date: 950608 Date Originated: 950608 Mail Date: 950608

Document Separator

179  
950608-8

11 9 JUN 1995

MEMORANDUM FOR DEFENSE BASE REALIGNMENT AND  
CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

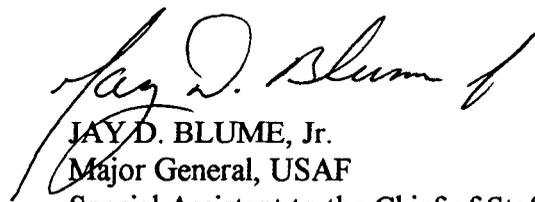
SUBJECT: Request for Information: Roslyn Air Guard Station

In your letter of June 8, 1995, you requested a rationale on why the situation at Roslyn is unique in utilizing proceeds from the real property. The DoD policy recognizes the current guidance that provides a number of avenues for transfer of property without reimbursement to the Department. None of these, such as economic development conveyances, public benefit conveyances, or transfer to other federal agencies, appears applicable. The low economic impact of closure, the nature of the property, and the location among other residential properties is fairly unique for Air Force installations.

Even given the potential zoning restrictions proposed by the Village of East Hills, there appears to be real opportunity for revenue. In fact, the large tract zoning may enhance the revenue by creating very exclusive housing tracts located within close proximity to a major metropolitan area. Given the fact that we need to realize only \$14 million from this property, there appears to be excellent prospects for success.

We share the conservative approach to which you refer on land sale revenues. The Roslyn closure is, in fact, the only Air Force scenario in which such revenues were included. This was based on full consideration by the Base Closure Executive Group and our measured determination that this revenue projection was reasonable.

I trust this information will be helpful.

  
JAY D. BLUME, Jr.  
Major General, USAF  
Special Assistant to the Chief of Staff  
for Realignment and Transition

RT#590

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

Starting Year : 1996  
 Final Year : 1997  
 ROI Year : 2002 (5 Years)

NPV in 2015(\$K): -1,572  
 1-Time Cost(\$K): 14,164

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	937	8,437	0	0	0	0	9,374	0
Person	0	-11	-160	-160	-160	-160	-652	-160
Overhd	4	196	-0	-0	-0	-0	198	-0
Moving	0	1,008	0	0	0	0	1,008	0
Missio	0	0	0	0	0	0	0	0
Other	466	1,042	-5,000	-7,000	0	0	-10,492	0
<b>TOTAL</b>	<b>1,407</b>	<b>10,672</b>	<b>-5,161</b>	<b>-7,161</b>	<b>-161</b>	<b>-161</b>	<b>-564</b>	<b>-161</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	0	0	0
Enl	0	2	0	0	0	0	2
Civ	0	2	0	0	0	0	2
TOT	0	4	0	0	0	0	4

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS REALIGNED</b>							
Off	0	1	0	0	0	0	1
Enl	0	4	0	0	0	0	4
Stu	0	0	0	0	0	0	0
Civ	0	33	0	0	0	0	33
TOT	0	38	0	0	0	0	38

Summary:  
 -----  
 CLOSE ROSLYN

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 2/2  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	937	8,437	0	0	0	0	9,374	0
Person	0	89	22	22	22	22	179	22
Overhd	4	268	73	73	73	73	562	73
Moving	0	1,016	0	0	0	0	1,016	0
Missio	0	0	0	0	0	0	0	0
Other	466	1,042	2,000	0	0	0	3,508	0
<b>TOTAL</b>	<b>1,407</b>	<b>10,852</b>	<b>2,095</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>14,640</b>	<b>95</b>

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	0	0	0	0	0	0	0
Person	0	100	183	183	183	183	832	183
Overhd	0	72	73	73	73	73	364	73
Moving	0	8	0	0	0	0	8	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	7,000	7,000	0	0	14,000	0
<b>TOTAL</b>	<b>0</b>	<b>180</b>	<b>7,256</b>	<b>7,256</b>	<b>256</b>	<b>256</b>	<b>15,204</b>	<b>256</b>

NET PRESENT VALUES REPORT (COBRA v5.08)  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	1,407,400	1,388,438	1,388,438
1997	10,671,958	10,246,402	11,634,840
1998	-5,160,798	-4,822,390	6,812,450
1999	-7,160,798	-6,512,160	300,291
2000	-160,798	-142,319	157,971
2001	-160,798	-138,510	19,461
2002	-160,798	-134,803	-115,342
2003	-160,798	-131,195	-246,537
2004	-160,798	-127,684	-374,221
2005	-160,798	-124,266	-498,487
2006	-160,798	-120,941	-619,428
2007	-160,798	-117,704	-737,132
2008	-160,798	-114,553	-851,685
2009	-160,798	-111,488	-963,173
2010	-160,798	-108,504	-1,071,677
2011	-160,798	-105,600	-1,177,277
2012	-160,798	-102,773	-1,280,050
2013	-160,798	-100,023	-1,380,073
2014	-160,798	-97,346	-1,477,419
2015	-160,798	-94,740	-1,572,160

TOTAL ONE-TIME COST REPORT (COBRA v5.08)  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	9,374,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		9,374,000
<b>Personnel</b>		
Civilian RIF	36,381	
Civilian Early Retirement	12,593	
Civilian New Hires	0	
Eliminated Military PCS	11,522	
Unemployment	6,264	
<b>Total - Personnel</b>		66,760
<b>Overhead</b>		
Program Planning Support	7,000	
Mothball / Shutdown	192,500	
<b>Total - Overhead</b>		199,500
<b>Moving</b>		
Civilian Moving	684,848	
Civilian PPS	28,800	
Military Moving	19,791	
Freight	226,622	
One-Time Moving Costs	56,000	
<b>Total - Moving</b>		1,016,061
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	3,508,000	
<b>Total - Other</b>		3,508,000
<b>Total One-Time Costs</b>		<b>14,164,321</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	7,850	
Land Sales	14,000,000	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>14,007,850</b>
<b>Total Net One-Time Costs</b>		<b>156,471</b>

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)  
Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
Option Package : ROSLYN  
Scenario File : C:\COBRA\ROS.CBR  
Std Fctrs File : C:\COBRA\ERRORS.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
ROSLYN	0	0	0	0	0
STEWART	9,374	0	0	0	9,374
-----	-----	-----	-----	-----	-----
Totals:	9,374	0	0	0	9,374

PERSONNEL SUMMARY REPORT (COBRA v5.08)

Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

PERSONNEL SUMMARY FOR: ROSLYN, NY

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
1	6	0	35

PERSONNEL REALIGNMENTS:

To Base: STEWART, NY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	4	0	0	0	0	4
Students	0	0	0	0	0	0	0
Civilians	0	33	0	0	0	0	33
TOTAL	0	38	0	0	0	0	38

TOTAL PERSONNEL REALIGNMENTS (Out of ROSLYN, NY):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	4	0	0	0	0	4
Students	0	0	0	0	0	0	0
Civilians	0	33	0	0	0	0	33
TOTAL	0	38	0	0	0	0	38

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	-2	0	0	0	0	-2
Civilians	0	-2	0	0	0	0	-2
TOTAL	0	-4	0	0	0	0	-4

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: STEWART, NY

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
20	195	0	402

PERSONNEL REALIGNMENTS:

From Base: ROSLYN, NY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	4	0	0	0	0	4
Students	0	0	0	0	0	0	0
Civilians	0	33	0	0	0	0	33
TOTAL	0	38	0	0	0	0	38

TOTAL PERSONNEL REALIGNMENTS (Into STEWART, NY):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	1	0	0	0	0	1
Enlisted	0	4	0	0	0	0	4
Students	0	0	0	0	0	0	0
Civilians	0	33	0	0	0	0	33
TOTAL	0	38	0	0	0	0	38

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 2  
Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
Option Package : ROSLYN  
Scenario File : C:\COBRA\ROS.CBR  
Std Fctrs File : C:\COBRA\ERRORS.SFF

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 21	----- 199	----- 0	----- 435

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
<b>CONSTRUCTION</b>							
MILCON	937	8,437	0	0	0	0	9,374
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>OSM</b>							
<b>CIV SALARY</b>							
Civ RIF	0	36	0	0	0	0	36
Civ Retire	0	12	0	0	0	0	12
<b>CIV MOVING</b>							
Per Diem	0	56	0	0	0	0	56
POV Miles	0	0	0	0	0	0	0
Home Purch	0	319	0	0	0	0	319
HHG	0	140	0	0	0	0	140
Misc	0	15	0	0	0	0	15
House Hunt	0	35	0	0	0	0	35
PPS	0	29	0	0	0	0	29
RITA	0	119	0	0	0	0	119
<b>FREIGHT</b>							
Packing	0	7	0	0	0	0	7
Freight	0	220	0	0	0	0	220
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	6	0	0	0	0	6
<b>OTHER</b>							
Program Plan	4	3	0	0	0	0	7
Shutdown	0	192	0	0	0	0	192
New Hire	0	0	0	0	0	0	0
1-Time Move	0	56	0	0	0	0	56
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	16	0	0	0	0	16
Misc	0	3	0	0	0	0	3
<b>OTHER</b>							
Elim PCS	0	11	0	0	0	0	11
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	466	1,042	2,000	0	0	0	3,508
<b>TOTAL ONE-TIME</b>	<b>1,407</b>	<b>10,757</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,164</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERRORS.SFF

RECURRINGCOSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	73	73	73	73	73	363	73
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	22	22	22	22	22	113	22
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	95	95	95	95	95	476	95
TOTAL COST	1,407	10,852	2,095	95	95	95	14,640	95

ONE-TIME SAVES -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	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	8	0	0	0	0	8	0
OTHER								
Land Sales	0	0	7,000	7,000	0	0	14,000	0
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	8	7,000	7,000	0	0	14,008	0

RECURRINGSAVES -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	2	40	40	40	40	162	40
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	47	93	93	93	93	420	93
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	36	72	72	72	72	325	72
House Allow	0	17	17	17	17	17	87	17
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	70	33	33	33	33	202	33
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	172	256	256	256	256	1,196	256
TOTAL SAVINGS	0	180	7,256	7,256	256	256	15,204	256

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
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 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	937	8,437	0	0	0	0	9,374	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	49	0	0	0	0	49	
Civ Moving	0	940	0	0	0	0	940	
Other	4	258	0	0	0	0	262	
<b>MIL PERSONNEL</b>								
Mil Moving	0	23	0	0	0	0	23	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	466	1,042	2,000	0	0	0	3,508	
Land	0	0	-7,000	-7,000	0	0	-14,000	
<b>TOTAL ONE-TIME</b>	<b>1,407</b>	<b>10,749</b>	<b>-5,000</b>	<b>-7,000</b>	<b>0</b>	<b>0</b>	<b>156</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	0	0	0	0	0	0	0
BOS	0	70	33	33	33	33	201	33
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-47	-93	-93	-93	-93	-420	-93
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	-36	-72	-72	-72	-72	-325	-72
House Allow	0	5	5	5	5	5	26	5
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	-70	-33	-33	-33	-33	-202	-33
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>-77</b>	<b>-161</b>	<b>-161</b>	<b>-161</b>	<b>-161</b>	<b>-720</b>	<b>-161</b>
<b>TOTAL NET COST</b>	<b>1,407</b>	<b>10,672</b>	<b>-5,161</b>	<b>-7,161</b>	<b>-161</b>	<b>-161</b>	<b>-564</b>	<b>-161</b>

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
ROSLYN	-42	-100%	-154,000	-100%	3,667
STEWART	38	6%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
ROSLYN	0	0%	0	-40,000	-100%	952
STEWART	0	0%	0	72,620	3%	1,911

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
ROSLYN	-40,000	-100%	952
STEWART	72,620	2%	1,911

RPMA/BOS CHANGE REPORT (COBRA v5.08)

Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	0	0	0	0	0	0	0
BOS Change	0	70	33	33	33	33	201	33
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>0</b>	<b>70</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>201</b>	<b>33</b>

INPUT DATA REPORT (COBRA v5.08)  
 Data As Of 13:09 02/20/1995, Report Created 13:42 06/14/1995

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
ROSLYN, NY	Closes in FY 1997
STEWART, NY	Realignment

Summary:  
 -----  
 CLOSE ROSLYN

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
ROSLYN, NY	STEWART, NY	130 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from ROSLYN, NY to STEWART, NY

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	1	0	0	0	0
Enlisted Positions:	0	4	0	0	0	0
Civilian Positions:	0	33	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	500	0	0	0	0
Suppt Eqpt (tons):	0	250	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: ROSLYN, NY

Total Officer Employees:	1	RPMA Non-Payroll (\$K/Year):	0
Total Enlisted Employees:	6	Communications (\$K/Year):	0
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	40
Total Civilian Employees:	35	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.36
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	154	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	SUF
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	180	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: STEWART, NY

Total Officer Employees:	20	RPMA Non-Payroll (\$K/Year):	1,137
Total Enlisted Employees:	195	Communications (\$K/Year):	0
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	2,214
Total Civilian Employees:	402	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.23
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	790	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	82
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	84	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: ROSLYN, NY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	466	1,042	2,000	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	56	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	70	33	33	33	33
Land (+Buy/-Sales) (\$K):	0	0	-7,000	-7,000	0	0
Construction Schedule(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	154	Perc Family Housing ShutDown: -				0.0%

Name: STEWART, NY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown: -				0.0%

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
 Std Fctrs File : C:\COBRA\ERROR5.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: ROSLYN, NY

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	-2	0	0	0	0
Civ Scenario Change:	0	-2	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: STEWART, NY

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
MILCON	OTHER	0	0	8,000
Ft Hamilton	OTHER	0	0	640
	OTHER	0	0	734

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc: Final Factors		RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

Department : AIR FORCE  
 Option Package : ROSLYN  
 Scenario File : C:\COBRA\ROS.CBR  
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STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----		----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	( )	0
Air Operations	(SF)	0	Optional Category C	( )	0
Operational	(SF)	0	Optional Category D	( )	0
Administrative	(SF)	0	Optional Category E	( )	0
School Buildings	(SF)	0	Optional Category F	( )	0
Maintenance Shops	(SF)	0	Optional Category G	( )	0
Bachelor Quarters	(SF)	0	Optional Category H	( )	0
Family Quarters	(EA)	0	Optional Category I	( )	0
Covered Storage	(SF)	0	Optional Category J	( )	0
Dining Facilities	(SF)	0	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
ROD & E Facilities	(SF)	0	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			