



DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

*CAF Team
Response*

May 15, 1995

Colonel Wayne Mayfield
Chief, Base Realignment Division
Headquarters USAF
1670 Air Force Pentagon
Washington, D.C. 20330-1670

142
~~*148*~~
Please refer to this number
when responding ~~*950516-9*~~
950511-12

Dear Colonel Mayfield:

As you requested in your letter of May 11, 1995, enclosed are the two additional excursions conducted by the Commission staff in order to compare UPT bases.

If your staff has any questions about this analysis, contact Lt Col Merrill Beyer (USAF) of the Commission staff.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

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Response
DBAF Team

AIR FORCE
CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT) BASES

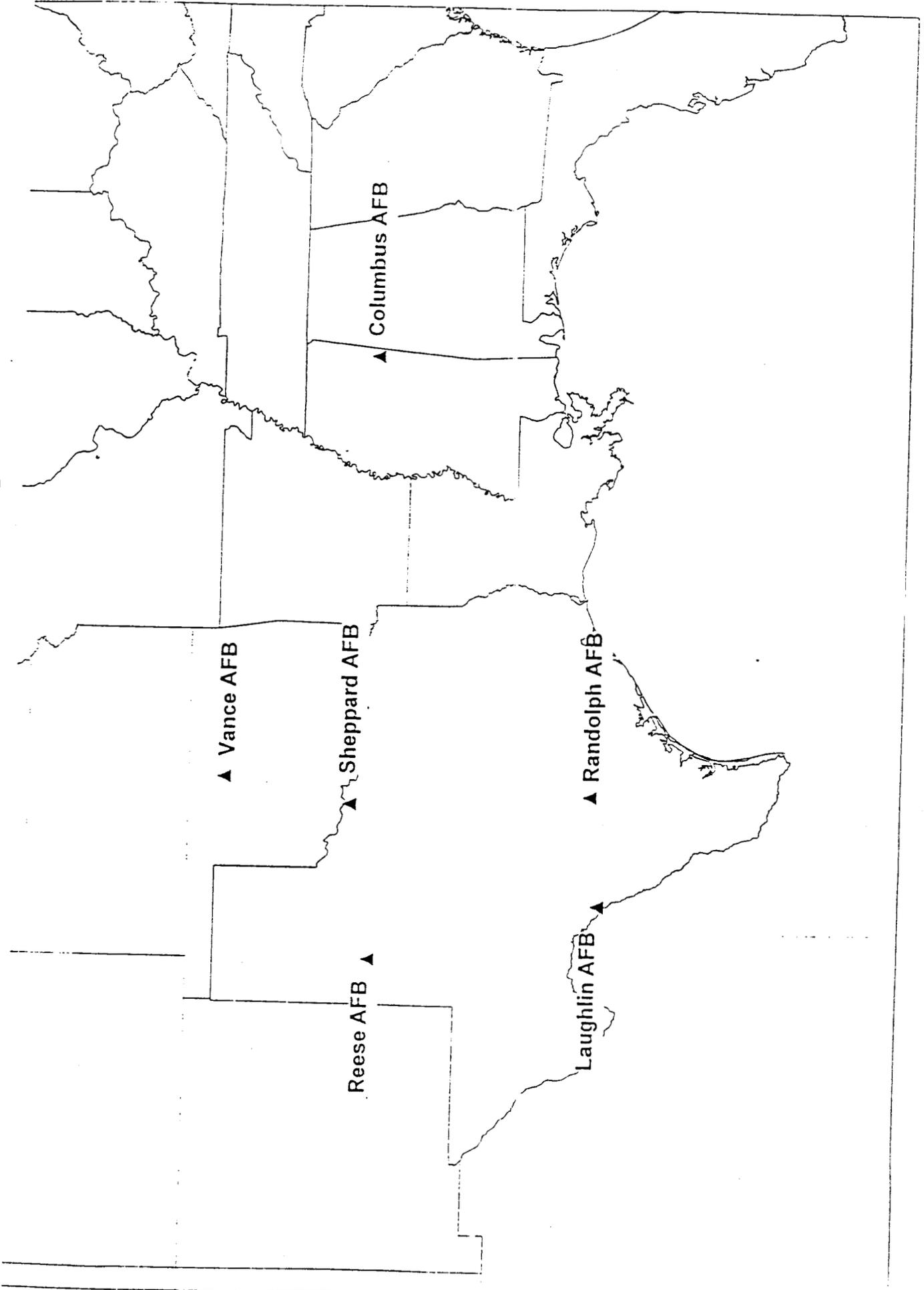
TIER	INSTALLATION
<i>I</i>	<i>Columbus AFB, MS</i> (*)
<i>I</i>	<i>Laughlin AFB, TX</i> (*)
I	Randolph AFB, TX
III	Reese AFB, TX (X) (C)
Excl	Sheppard AFB, TX
<i>I</i>	<i>Vance AFB, OK</i> (X) (*)

(C) = DoD recommendation for closure

(X) = Joint Cross-Service Group option for closure

(*) = Candidate for further consideration

Undergraduate Pilot Training Bases



BASE ANALYSIS

CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT)

DOD RECOMMENDATION: Close Reese, Inactivate 64th Flying Training Wing, Relocate/Retire other assigned aircraft.
FOR CONSIDERATION: Study Columbus, Laughlin, and Vance AFBs FOR CLOSURE.

CRITERIA	REESE, TX (X) (C) Closure	COLUMBUS, MS (*) Closure	LAUGHLIN, TX (*) Closure	VANCE, OK (X) (*) Closure
AIR FORCE TIERING	III	I	I	I
BCEG RANK	5/5	2/5	3/5	3/5
FUNC VALUE: Air Force/JCSG	6.22 (Red)	6.74 (Green)	6.50 (Yellow +)	6.67 (Green)
FUNC VALUE: Staff Analysis I	6.4	7.2	7.8	6.7
FUNC VALUE: Staff Analysis II	6.3	6.4	7.4	6.3
FORCE STRUCTURE	21 T-1A 48 T-37B 51 T-38	45 T-37B 57 T-38/21 AT-38	21 T-1A 48 T-37B 51 T-38	46 T-37B 69 T-38
ONE-TIME COSTS (\$ M)	15.8	18.2	25.9	14.7
ANNUAL SAVINGS (\$ M)	19.7	25.3	21.6	19.5
RETURN ON INVESTMENT	1 Year	1 Year	2 Years	1 Year
BASE OPERATING BUDGET (\$ M)	21.0	26.3	23.7	26.3
PERSONNEL ELIMINATED(MIL/CIV)	209/0	315/0	282/101	202/0
PERSONNEL REALIGNED(MIL/CIV)	691/245	750/252	749/644	645/208
ECONOMIC IMPACT (BRAC95/CUM)	1.2%/1.2%	6.3%/6.3%	18.8%/18.8%	11.0%/11.0%
ENVIRONMENTAL	Siting	Asbestos	Asbestos	Asbestos

(C) = DoD recommendation for closure
(R) = DoD recommendation for realignment
(X) = Joint Cross-Service Group option for closure
(*) = Candidate for further consideration

STAFF METHODOLOGY
CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT)

STAFF ANALYSIS - I

OBJECTIVE: Test the validity of Air Force Analysis

METHODOLOGY:

- Utilize UPT Joint Cross-Service Group computer model and corrected data
- Consider UPT Measures of Merit relevant to Air Force UPT
- Delete those Measures of Merit considered in CRITERIA II through VIII
- Modify Weighting Factors in accordance with Staff judgment of Air Force priorities
- Determine a Functional Value score for each Air Force UPT Base
 - Apply result to CRITERIA I, "MISSION REQUIREMENTS: FLYING TRAINING"

STAFF ANALYSIS - II

OBJECTIVE: Assess impact of making data corrections

METHODOLOGY:

- Use Analysis I as starting point
- Change data to reflect corrections to UPT-JCSG and Air Force data calls

CAPACITY ANALYSIS

CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT) BASES

AIR FORCE UPT CAPACITY

- BASED CAPACITY ANALYSIS ON MEETING AIR FORCE PILOT TRAINING REQUIREMENTS (PTR) ONLY
- ASSUMES 5-DAY WORK WEEK TO ALLOW RECOVERY CAPACITY FOR UNFORESEEN IMPACTS
- CAPACITY EXPRESSED IN "UPT GRADUATE EQUIVALENTS."

CAPACITY	
COLUMBUS	408
LAUGHLIN	424
REESE	392
VANCE	396
SUBTOTAL	1,620
CLOSE LOWEST	- 392
TOTAL	1,228

REQUIREMENT	
BOMBER/FIGHTER	394
AIRLIFT/TANKER	592
FIXED-WING UPGRADE	4
FMS	31
SUBTOTAL	1,021
INTRO, FIGHTER FUND	57
TOTAL	1,078

CAPACITY	1,228	
PTR	<u>- 1,078</u>	
	150	(12% EXCESS)

NEED FOR EXCESS

- JPATS TRANSITION 100
- INSTRUCTOR CROSSFLOW (T-37 TO T-38): 39
- OPERATIONS BEYOND 95% CAPACITY WILL BE COMPROMISED

AF-101

SHEPPARD AFB CAPACITY ANALYSIS
CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT) BASES

EURO-NATO JOINT JET PILOT TRAINING PROGRAM (ENJJPT)

- COMBINES USAF AND NATO UPT IN A MODIFIED PROGRAM
- INTERNATIONAL AGREEMENT CONSTRAINS AIR FORCE OPTIONS
- CAPACITY EXPRESSED IN "ENJJPT EQUIVALENTS."

REQUIREMENT	
ACTIVE AIR FORCE	98
AIR NATIONAL GUARD	11
NATO	123
SUBTOTAL	232
INTRO, FTR FUND	25
TOTAL	257

CAPACITY	320	
PTR	-257	
	63	(20% EXCESS)

NEED FOR EXCESS

- JPATS TRANSITION
- AIR FORCE OVERFLOW FOR PRIMARY AND FIGHTER/BOMBER UPT TRACKS
- NATO REQUIREMENTS

AF-107

REESE AFB COMMUNITY ISSUES
CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT)

DATA ERRORS:

- AIRSPACE UNDER-REPORTED BY 10,000 CU NM
- MILITARY TRAINING ROUTES (MTRs) UNDER-REPORTED BY 55%
- PERCENT ADEQUATE PAVEMENT 10% GREATER THAN REPORTED

MODELING ERRORS:

- INCLUDED AREAS INAPPROPRIATE FOR UPT MISSION EVALUATION
- WEIGHTING FACTORS INAPPROPRIATE FOR AIR FORCE UPT COMPARISONS
- DISCRIMINATORS TOO BROAD (WEATHER, AUXILIARY FIELDS)
- CALCULATION ERRORS
- STANDARD OF TRAINING NOT ADOPTED TO PROPERLY COMPARE AIR FORCE/NAVY CAPACITY

RESULT: ERROR IN CRITERIA I FLOWED INTO OVERALL TIERING AND CLOSURE RECOMMENDATION

COMMISSION EVALUATION

- COST EFFECTIVENESS:
 - LOWEST COST PER FLYING HOUR
 - 2ND LOWEST COST PER GRADUATE
- GAO COMMENT: QUESTIONED AIR FORCE UPT ANALYSIS

AF-103

UPT JCSG TERMS OF REFERENCE
CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT) BASES

FUNCTIONAL AREAS (10)

- * FLIGHT SCREENING
- * PRIMARY PILOT
- * AIRLIFT/TANKER
- * ADVANCED BOMBER/FIGHTER
- STRIKE/ADVANCED E-2/C-2
- * Air Force Only
- ADVANCED MARITIME/INTERMEDIATE E-2/C-2 HELICOPTER
- PRIMARY & INTERMED. NAVAL FLIGHT OFFICER
- ADVANCED NAVAL FLIGHT OFFICER STRIKE
- ADVANCED NAVAL FLIGHT OFFICER PANEL

MEASURES OF MERIT (13)

- MANAGED TRAINING AREAS
- WEATHER
- AIRSPACE AND FLIGHT TRAINING AREAS
- AIRFIELDS
- GROUND TRAINING FACILITIES
- AIRCRAFT MAINTENANCE FACILITIES
- SPECIAL MILITARY FACILITIES
- * Utilized in Staff Analysis
- PROXIMITY TO TRAINING AREAS
- PROXIMITY TO OTHER SUPPORT FACILITIES
- UNIQUE FEATURES
- AIR QUALITY
- * ENCROACHMENT SERVICES

AF-104

LUBBOCK COMMUNITY CONCERNS

- REASONS TO REJECT AIR FORCE DECISION AND CONSIDER OTHER BASES FOR CLOSURE:
 - AIR FORCE ACKNOWLEDGED DATA/CALCULATION ERRORS:
 - SHORT CHANGED REESE AIRSPACE BY 10,000 CUBIC NAUTICAL MILES
 - REPORTED 55% FEWER MILITARY TRAINING ROUTES (MTRs) FOR REESE THAN NAUTICAL
 - PERCENT ADEQUATE PAVEMENT 10% GREATER THAN REPORTED
 - MODELING ERRORS:
 - ERRORS IN MODEL FORMULAS
 - REESE'S ALERT AREA NOT CONSIDERED
 - OUTLYING INSTRUMENT AIRFIELD (LUBBOCK INTERNATIONAL AIRPORT) NOT CONSIDERED
 - REESE'S OTHER PRIMARY OUTLYING FIELDS NOT CONSIDERED
 - AIR FORCE AND NAVY TOOK ENTIRELY DIFFERENT APPROACHES TO EVALUATING MILITARY VALUE OF OPT BASES -- THIS ISSUE ALONE CONSTITUTES A SIGNIFICANT DEVIATION:
- REASONS TO TAKE REESE OFF THE LIST:
 - MILITARY VALUE SUPERIOR TO OTHER BASES
 - BETTER QUALITY OF LIFE THAN OTHER BASES
 - COST EFFECTIVE, LOWEST COST PER FLYING HOUR, SECOND LOWEST COST PER STUDENT
 - LUBBOCK COMMUNITY IN CONCERT WITH REESE:
 - SAVES THE AIR FORCE OVER \$1M ANNUALLY IN MEDICAL COSTS

CAN SAVE THE AIR FORCE OVER \$6M IN ONE TIME COSTS AND MILLIONS OF DOLLARS ANNUALLY WITH THEIR OTHER COST SAVING PROPOSALS

AF-206

BASE ANALYSIS

CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT)

DOD RECOMMENDATION: Close Reese, Inactivate 64th Flying Training Wing, Relocate/Retire other assigned aircraft.
FOR CONSIDERATION: Study Columbus, Laughlin and Vance **FOR CLOSURE** and Randolph **FOR REALIGNMENT**.

ISSUES	REESE, TX (C) (X)	COLUMBUS, MS (*)	LAUGHLIN, TX (*)	RANDOLPH, TX (*)	VANCE, OK (*) (X)
AIR FORCE TIERING	III	I	I	I	I
BCEG RANK	5/5	2/5	3/5	1/5	3/5
FUNCTIONAL VALUE: AF/JCSG	6.22 (Red)	6.74 (Green)	6.50 (Yellow+)	6.53 (Green-)	6.67 (Green)
FUNCTIONAL VALUE: Staff I	6.4	7.2	7.8	5.3	6.7
FUNCTIONAL VALUE: Staff II	6.3	6.4	7.4	4.4	6.3
FORCE STRUCTURE	21 T-1A 48 T-37B 51 T-38	45 T-37B 57 T-38/21 AT-38	21 T-1A 48 T-37B 51 T-38	15 T-1A 57 T-37B 57 T-38/8 AT-38 10 T-43 6 C-21A	46 T-37B 69 T-38
ONE-TIME COSTS (\$ M)	15.8	18.2	25.9	205.2	14.7
ANNUAL SAVINGS (\$ M)	19.7	25.3	21.6	18.0	19.5
RETURN ON INVEST	1 Year	1 Year	2 Years	15 Years	1 Year
BASE OPERATING BUDGET (\$ M)	21.0	26.3	23.7	21.1	26.3
PERSONNEL ELIM (Mil/Civ)	209/0	315/0	282/101	447/397	202/0
PERSONNEL RLNG (Mil/Civ)	691/245	750/252	749/644	3,876/2,740	645/208
ECONOMIC IMPACT (BRAC95/CUM)	1.2% / 1.2%	.6.3% / 6.3%	18.8% / 18.8%	0.2% / 8.3%	11.0% / 11.0%
ENVIRONMENTAL	Siting	Asbestos	Asbestos	Asbestos, Siting, Water	Asbestos

(C) = DoD recommendation for closure

(X) = Joint Cross-Service Group option for closure

(*) = Candidate for further consideration

RF-207

BASE ANALYSIS
CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT)

CRITERIA	REESE, TX (C) (Closure)	RANDOLPH, TX (*) (Realign)	SHEPPARD, TX
AIR FORCE TIERING	III	I	I
BCEG RANK	5/5	1/5	Excluded
FUNCTIONAL VALUES (AF/JCSG)	6.22	6.53	Excluded
FUNCTIONAL VALUES (Staff I)	6.64	7.12	Excluded
FUNCTIONAL VALUES (Staff II)	6.5	5.2	Excluded
FORCE STRUCTURE	21 T-1A 48 T-37B 51 T-38	15 T-1A 57 T-37B 57 T-38 / 8 AT-38 10 T-43A	36 T-37B 31 T-38 / 8 AT-38
ONE-TIME COSTS (\$ M)	15.8	205.2	TBD
ANNUAL SAVINGS (\$ M)	19.7	18.0	TBD
RETURN ON INVEST	1 Year	15 Years	TBD
BASE OPERATING BUDGET (\$ M)	21.0	21.1	33.7
PERSONNEL ELIMINATED (MIL/CIV)	209/0	447/397	TBD
PERSONNEL REALIGNMENT(MIL / CIV)	691/245	3,876/2,740	
ECONOMIC IMPACT (BRAC95/CUM)	1.2%/1.2%	0.2%/0.2%	TBD
ENVIRONMENTAL	Siting	Asbestos, Siting, Water	TBD

(C) = DoD recommendation for closure
(R) = DoD recommendation for realignment
(*) = Candidate for further consideration

AF-208

**CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT)
STAFF ANALYSIS-I**

REVISE WEIGHTINGS OF MEASURES OF MERIT

UPT-JCSG MEASURES OF MERIT	STAFF WEIGHT	REESE (C) (X) Closure	COLUMBUS (*) Closure	LAUGHLIN (*) Closure	RANDOLPH (*) Realignment	VANCE (*) (X) Closure
WEATHER	30	4.7	5.4	7.4	6.0	5.3
AIRSPACE	20	4.8	6.9	7.1	7.0	6.4
ENCROACHMENT	20	8.6	8.9	10.0	0.0	6.9
AIRFIELDS	15	8.2	8.9	7.7	6.0	9.2
MAINTENANCE FACILITIES	10	7.0	7.1	6.4	7.4	6.6
GROUND TRNG FACILITIES	5	7.9	7.4	7.3	8.6	7.8
TOTAL:	100	6.4	7.2	7.8	5.3	6.7
RANK:		4	2	1	5	3

UNWEIGHTED AVERAGE	SCORE	RANK
	6.87	4
	7.43	2
	7.65	1
	6.72	5
	7.03	3

(C) = DoD recommendation for closure
 (X) = Joint Cross-Service Group option for closure
 (*) = Candidate for further consideration

RF-209

**CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT)
STAFF ANALYSIS -II**

CORRECT DATA

UPT-JCSG MEASURES OF MERIT	STAFF WEIGHT	REESE (C) (X) Closure	COLUMBUS (*) Closure	LAUGHLIN (*) Closure	RANDOLPH (*) Realignment	VANCE (*) (X) Closure
WEATHER	30	4.7	4.7	7.0	5.8	4.3
AIRSPACE	20	4.1	4.0	5.7	2.8	6.0
ENCROACHMENT	20	8.6	8.9	10.0	0.0	6.9
AIRFIELDS	15	8.2	8.9	7.7	6.0	9.2
MAINTENANCE FACILITIES	10	7.0	7.1	6.4	7.4	6.6
GROUND TRNG FACILITIES	5	7.9	7.4	7.3	8.6	7.8
TOTAL:	100	6.3	6.4	7.4	4.4	6.3
RANK:		3	2	1	5	3

UNWEIGHTED AVERAGE	SCORE	RANK
	6.75	4
	6.83	2
	7.35	1
	5.10	5
	6.80	3

(C) = DoD recommendation for closure
(X) = Joint Cross-Service Group option for closure
(*) = Candidate for further consideration

AF-210

CATEGORY: UNDERGRADUATE PILOT TRAINING (UPT) INSTALLATION CHARACTERISTICS

COLUMBUS

- BEST UPT BASE FOR BOMBER/FIGHTER TRAINING
 - LOW PRESSURE ALTITUDE
 - LONG RUNWAY
 - READY ACCESS TO AIR-TO-GROUND GUNNERY RANGE
 - ADVANCED STUDENTS HAVE INSTRUMENT RATING
- FORMER SAC BASE--MISSION FLEXIBILITY

LAUGHLIN

- BEST UPT BASE FOR PRIMARY TRAINING
 - BEST FLYING WEATHER
 - UNENCROACHED AIRFIELDS
 - UNLIMITED AIRSPACE POTENTIAL
- FORMER SAC BASE--MISSION FLEXIBILITY

VANCE

- SIMILAR LAYOUT TO REESE
- WELL-SUITED FOR PRIMARY AND AIRLIFT/TANKER TRAINING
 - BEST AIRSPACE AND LOW ALTITUDE TRAINING ROUTE STRUCTURE
 - CROSSWIND RUNWAY CONFIGURATION
- LOW AND MEDIUM ALTITUDE OPERATIONS MINIMIZE ICING IMPACTS

AF-211

UNDERGRADUATE FLYING TRAINING

ANALYSIS RESULTS at TIERING (18 Oct)

The following grades and data reflect the information on which the BCEG members based their tiering determination. Information in this chart was updated as the result of a number of factors between initial tiering and final recommendations.

Base Name	I.I	II	III	IV	V	VI	VII	VIII
	Mission (Flying) Requirements	Facilities and Infrastructure	Contingency and Mobility	Costs and Manpower Implications	Return on Investment	Economic Impact	Community	Environmental Impact
Columbus AFB	Green	Green	Yellow	171-333	1	3,423 (8.4%)	Yellow +	Yellow
Laughlin AFB	Yellow +	Green -	Yellow -	251-275	2	4,115 (27.1%)	Yellow	Yellow +
Randolph AFB	Green -	Green -	Yellow	2041-59	13	12,579 (2.0%)	Green -	Yellow -
Reese AFB	Red	Green -	Yellow -	151-259	1	3,446 (3.1%)	Green -	Yellow
Vance AFB	Green	Green -	Yellow -	141-254	1	3,010 (11.6%)	Green -	Yellow +



AF-229

UNCLASSIFIED

UNDERGRADUATE FLYING TRAINING TIERING OF BASES

As an intermediate step in the Air Force Process, the BCEG members established the following tiering of bases based on the relative merit of bases within the subcategory as measured using the eight selection criteria. Tier I represents the highest relative merit,

TIER I

Columbus AFB

Laughlin AFB

Randolph AFB

Vance AFB

TIER III

Reese AFB

UNCLASSIFIED

Staff Analysis I

	WEIGHT	REESE	COL	LAU	RANDOLPH	VANCE	RATING SCALE
# OF OUTLYING FLDS	0	1.0	1.0	1.0	1.0	1.0	0-6, 6 HI
MOA SPEC AIRSPC	0	Y	Y	Y	Y	Y	Y(10)/N(0)
MTR SPEC AIRSPACE	0	Y	Y	Y	Y	Y	Y(10)/N(0)
AA SPEC AIRSPACE	0	N	N	Y	N	Y	Y(10)/N(0)
MANAGED TRNG AREAS ---	0	?	?	?	?	?	GROUP SUBTOTAL
1500/3 > 80?	0	Y	Y	Y	Y	Y	Y(10)/N(0)
%TIME W/THR > 1500/3	85	91.50%+	89.10%	90.90%+	83.60%--	89.40%	80-95%, 80 LO
1000/3 > 80?	0	Y	Y	Y	Y	Y	Y(10)/N(0)
%TIME W/THR > 1000/3	45	93.60%	92.00%	94.30%+	90.00%-	91.80%	80-95%, 80 LO
% TIME CROSWND <15KT	30	93.20%--	99.20%+	99.30%+	98.40%	97.80%	%MIN-M, MAX HI
% TIME CROSWND >25KT	25	1.40%--	0.10%+	0.10%	0.10%+	0.20%	%MIN-M, MIN HI
% SORTIES CXL/RESCHD	85	19.8%	22.9%-	18.0%+	15.0%++	23.3%--	10-25%, 10% HI
SRTIE PLAN FCTR<=20%	0	N	N	Y	Y	N	Y(10)/N(0)
SORTIE PLAN FCTR>=5%	30	27.0%-	26.0%-	19.0%+	19.0%+	22.3%	15-30%, 15% HI
WEATHER ---	300	4.7	5.4	7.4	6.0	5.3	GROUP SUBTOTAL
AMT MOA/AA ARSPCE	100	31116--	45092	53868+	85447++	36084-	0-60K, 60K HI
AVG DIST TO AIRSCE	40	42.6	39.5	31.5+	65.2--	36.1+	MIN-M, MIN HI
# MTR'S AVAIL	20	9	11	10	18	32+	0-20, 20 HI
NEAREST RNGE<50MI?	20	N-	Y+	N-	Y+	N-	Y(10)/N(0)
%ATC DLAYS > 15 MIN	0	0.00%	0.00%	0.00%	0.00%	0.00%	%0 MAX, MIN HI
CHERC BUR W/IN 100MT	0	NO	NO	NO	NO	NO	Y(0)/N(10)
# OF BISECT AIRWAYS	20	12	2	4	3	20+	0-30, 0 HI
AIRSPC/FLT TRNG AREA ---	200	4.8	6.9	7.1	7.0	6.4	GROUP SUBTOTAL
#OTLYG/AUX FLDS	0	1.0	1.0	1.0	1.0	1.0	0-MAX, MAX HI
#OUT/AUX FLD IFR CAP	0	0.0	0.0	0.0	0.0	0.0	0-MAX, MAX HI
MEDIAN DIST <= MAX?	0	Y	Y	Y	Y	Y	Y(10)/N(0)
MED DIST TO AUX/OUT	25	17	43	22	20	26	MIN-100, MIN-HI
RUNWAY 5000 FT?	0	Y	Y	Y	Y	Y	Y(10)/N(0)
LGEST MAIN FLD RUNWY	10	10500	12000	8858	8353	9200	5-10K RW, 10K HI
#PRIMARY RUNWAYS	50	C	C	C	B-	F+	PRIMARY RUNWAYS
CONDIT OF RUNWAYS	25	85.00%	100.00%	85.00%	66.00%	100.00%	%0-100, 100 HI
%TAXI/APRNS ADQ COND	20	32.00%	100.00%+	42.00%	27.00%-	88.00%+	%0-100, 100 HI
CONDIT OF UTILITIES	10	92.00%	100.00%	59.00%	51.00%	97.00%	%0-100, 100 HI
%OTHR FAC ADQ COND	10	87.00%	76.00%	60.00%	40.00%	56.00%	%0-100, 100 HI
AIRFIELDS ---	150	8.2	8.9	7.7	6.0	9.2	GROUP SUBTOTAL

Staff Analysis I

	WEIGHT	REESE	COL	LAU	RANDOLPH	VANCE	RATING SCALE
AMT ADQ TRNG FAC	14	59469	84459	68320	135526	26652-	0-100K, 100K HI
CONDITION % ADQ CLAS	5	100.00%	100.00%	91.00%	83.00%	86.00%	%0-100, 100 HI
AMT ADQ TRAINERS	14	60863.0	63354.0	70689.0	66423.0	75207.0	0-MAX, MAX HI
CONDITION % ADQ TRNR	5	100.00%	100.00%	100.00%	100.00%	100.00%	%0-100, 100 HI
AMT OTHR TRNG FAC	8	51572.0	17029.0	19365.0	36060.0	68639.0	0-MAX, MAX HI
CONDITION OTHR FAC	4	99.00%	36.00%	54.00%	78.00%	100.00%	%0-100, 100 HI
GRNF TRNG FAC ---	50	7.9	7.4	7.3	8.6	7.8	GROUP SUBTOTAL
LVL MAINT OPS	60	D	D	I	I	I	LVL MAINT
AMT ADQ HANGARS	28	147685.0	151102.0	151346.0	238496.0+	156858.0	0-MAX, MAX HI
COND OF HANGARS	12	54.00%	57.00%	48.00%	52.00%	64.00%	%0-100, 100 HI
AIRCFT MAINT FAC ---	100	7.0	7.1	6.4	7.4	6.6	GROUP SUBTOTAL
1 OTHR PRIPILOT FLD	0	Y	Y	Y	Y	Y	Y(10)/N(0)
2+ OTR PRI PILOT FLD	0	N	N	N	N	Y	Y(10)/N(0)
1 FLD <30MILES	0	Y	Y	Y	Y	Y	Y(10)/N(0)
2+ FLDS < 30MILES	0	N	N	N	N	N	Y(10)/N(0)
PROX OTHR SPT FAC ---	0	?	?	?	?	?	GROUP SUBTOTAL
IN ATTAIN/MAINT AREA	0	Y	Y	Y	Y	Y	Y(10)/N(0)
MOD NONATTAIN/BETTER	0	Y	Y	Y	Y	Y	Y(10)/N(0)
DELAYS DUE AIR QUAL	0	Y	Y	Y	Y	Y	Y(10)/N(0)
AIR QUALITY ---	0	?	?	?	?	?	GROUP SUBTOTAL
AICUZ CPLTD ENCODED	90	Y++	Y++	Y++	N--	Y++	Y(10)/N(0)
%INCOMPAT CLR ZONE	0	0.00%	0.00%	0.00%	0.00%	0.00%	%0-MAX, MIN HI
%INCOMPAT APZI	50	0.00%+	1.00%+	0.00%+	22.00%--	1.00%+	%0-MAX, MIN HI
%INCOMPAT APZII	40	4.00%+	0.00%+	0.00%+	18.00%--	18.00%--	%0-MAX, MIN HI
REAL ESTATE DISCLOS	20	N	N	Y+	N	N	Y(10)/N(0)
CLR ZONE ACQ CMLTD	0	Y	Y	Y	Y	Y	Y(10)/N(0)
ENCROACHMENT ---	200	8.6	8.9	10.0	0.0	6.9	GROUP SUBTOTAL
AMT BOQ RMS ADQ	0	152.0	264.0	222.0	558.0	247.0	0-MAX, MAX HI
CONDITION BOQ % ADQ	0	100.00%	100.00%	100.00%	100.00%	100.00%	%0-100, 100 HI
AMT BEQ RMS ADQ	0	462.0	690.0	400.0	521.0	442.0	0-MAX, MAX HI
CONDITION BEQ % ADQ	0	100.00%	100.00%	100.00%	100.00%	100.00%	%0-100, 100 HI
%MWR/SPT FAC AVAIL	0	93.00%	87.00%	87.00%	87.00%	70.00%	%0-100, 100 HI
AMT MIL HSE ADQ	0	400.0	812.0	654.0	948.0	230.0	0-MAX, MAX HI
CONDITION HSE % ADQ	0	100.00%	100.00%	100.00%	93.00%	100.00%	%0-100, 100 HI
# CHLDCAR WAIT LIST	0	37.0	4.0	6.0	79.0	1.0	0-MAX, MIN HI

Staff Analysis I

	WEIGHT	REESE	COL	LAU	RANDOLPH	VANCE	RATING SCALE
AVG WAIT CHILDREN	0	216.0	14.0	150.0	186.0	30.0	0-MAX, MIN III
SERVICES	---	?	?	?	?	?	GROUP SUBTOTAL
SCORE	1000	6.4	7.2	7.8	5.3	6.7	
RANK		4	2	1	5	3	

Staff Analysis II

	WEIGHT	REESE	COL	LAU	RANDOLPH	VANCE	RATING SCALE
# OF OUTLYING FLDS	0	1.0	1.0	1.0	1.0	1.0	0-6, 6 HI
MOA SPEC AIRSPC	0	Y	Y	Y	Y	Y	Y(10)/N(0)
MTR SPEC AIRSPACE	0	Y	Y	Y	Y	Y	Y(10)/N(0)
AA SPEC AIRSPACE	0	Y	N	Y	N	Y	Y(10)/N(0)
MANAGED TRNG AREAS ---	0	?	?	?	?	?	GROUP SUBTOTAL
%TIME W/HER > 1500/3	85	91.50%+	89.10%	90.90%+	83.60%--	89.40%	80-95%, 80 LO
%TIME W/HER > 300/1	45	98.40%	99.00%	98.90%	97.90%	97.90%	95-100%, 100% HI
% TIME CROSWND <15KT	10	93.20%+	99.20%	99.30%	98.40%	97.80%	%MIN-M, MAX HI
% TIME CROSWND >25KT	15	1.40%+	0.10%	0.10%	0.10%	0.20%	%MIN-M, MIN HI
FRZNG PRECP DAYS	15	17-	7	2+	2+	19-	0-20, 0 HI
ICING IN AREAS DAYS	15	50	144-	15+	15+	80	0-100, 0 HI
% SORTIES CXL/RESCHD	85	19.8%	22.9%--	18.0%+	15.0%++	23.3%--	10-25%, 10% HI
SORTIE PLAN FCTR>=5%	30	27.0%+	26.0%+	19.0%+	19.0%+	22.3%	15-30%, 15% HI
WEATHER ---	300	4.7	4.7	7.0	5.8	4.3	GROUP SUBTOTAL
AMT MOA/AA ARSPCE	100	27214	20545-	40435++	9685--	27945	0-60K, 60K HI
AVG DIST TO AIRSCE	40	32.6-	33.2-	16.8+	43.8--	12.3++	MIN-M, MIN HI
# MTR'S AVAIL	20	14	11	10	18	32+	0-20, 20 HI
NEAREST RNGE<50MI?	20	N-	Y+	N-	Y+	N-	Y(10)/N(0)
%ATC DLAYS > 15 MIN	0	0.00%	0.00%	0.00%	0.00%	0.00%	%0-MAX, MIN HI
CMERC HUB W/IN 100MI	0	NO	NO	NO	NO	NO	Y(0)/N(10)
# OF BISECT AIRWAYS	20	12	2	4	3	20+	0-30, 0 HI
AIRSPC/FLT TRNG AREA ---	200	4.1	4.0	5.7	2.8	6.0	GROUP SUBTOTAL
#OTLYG/AUX FLDS	0	1.0	1.0	1.0	1.0	1.0	0-MAX, MAX HI
#OUT/AUX FLD IFR CAP	0	0.0	0.0	0.0	0.0	0.0	0-MAX, MAX HI
MEDIAN DIST <= MAX?	0	Y	Y	Y	Y	Y	Y(10)/N(0)
MED DIST TO AUX/OUT	25	17	43	22	20	26	MIN-100, MIN-HI
RUNWAY 5000 FT?	0	Y	Y	Y	Y	Y	Y(10)/N(0)
LGEST MAIN FLD RUNWY	10	10500	12000	8858	8353	9200	5-10K RW, 10K HI
#PRIMARY RUNWAYS	50	C	C	C	B-	F+	PRIMARY RUNWAYS
CONDIT OF RUNWAYS	25	85.00%	100.00%	85.00%	66.00%	100.00%	%0-100, 100 HI
%TAXI/APRNS ADQ COND	20	32.00%	100.00%+	42.00%	27.00%+	88.00%+	%0-100, 100 HI
CONDIT OF UTILITIES	10	92.00%	100.00%	59.00%	51.00%	97.00%	%0-100, 100 HI
%OTHR FAC ADQ COND	10	87.00%	76.00%	60.00%	40.00%	56.00%	%0-100, 100 HI
AIRFIELDS ---	150	8.2	8.9	7.7	6.0	9.2	GROUP SUBTOTAL
AMT ADQ TRNG FAC	14	59469	84459	68320	135526	26652-	0-100K, 100K HI

Staff Analysis II

	WEIGHT	REESE	COL	LAU	RANDOLPH	VANCE	RATING SCALE
CONDITION % ADQ CLAS	5	100.00%	100.00%	91.00%	83.00%	86.00%	%0-100, 100 HI
AMT ADQ TRAINERS	14	60863.0	63354.0	70689.0	66423.0	75207.0	0-MAX, MAX HI
CONDITION % ADQ TRNR	5	100.00%	100.00%	100.00%	100.00%	100.00%	%0-100, 100 HI
AMT OTHR TRNG FAC	8	51572.0	17029.0	19365.0	36060.0	68639.0	0-MAX, MAX HI
CONDITION OTHK FAC	4	99.00%	36.00%	54.00%	78.00%	100.00%	%0-100, 100 HI
GRNF TRNG FAC ---	50	7.9	7.4	7.3	8.6	7.8	GROUP SUBTOTAL
LVL MAINT OPS	60	D	D	I	I	I	LVL MAINT
AMT ADQ HANGARS	28	147685.0	151102.0	151346.0	238496.0+	156858.0	0-MAX, MAX HI
COND OF HANGARS	12	54.00%	57.00%	48.00%	52.00%	64.00%	%0-100, 100 HI
AIRCRAFT MAINT FAC ---	100	7.0	7.1	6.4	7.4	6.6	GROUP SUBTOTAL
1 OTHR PRIPILOT FLD	0	Y	Y	Y	Y	Y	Y(10)/N(0)
2+ OTR PRI PILOT FLD	0	N	N	N	N	Y	Y(10)/N(0)
1 FLD <30MILES	0	Y	Y	Y	Y	Y	Y(10)/N(0)
2+ FLDS < 30MILES	0	N	N	N	N	N	Y(10)/N(0)
PROX OTHR SPT FAC ---	0	?	?	?	?	?	GROUP SUBTOTAL
IN ATTAIN/MAINT AREA	0	Y	Y	Y	Y	Y	Y(10)/N(0)
MOD NONATTAIN/BETTER	0	Y	Y	Y	Y	Y	Y(10)/N(0)
DELAYS DUE AIR QUAL	0	Y	Y	Y	Y	Y	Y(10)/N(0)
AIR QUALITY ---	0	?	?	?	?	?	GROUP SUBTOTAL
AICUZ CPLTD ENCODED	20	1++	Y++	Y++	N--	Y++	Y(10)/N(0)
%INCOMPAT CLR ZONE	0	0.00%	0.00%	0.00%	0.00%	0.00%	%0-MAX, MIN HI
%INCOMPAT APZI	50	0.00%+	1.00%+	0.00%+	22.00%--	1.00%+	%0-MAX, MIN HI
%INCOMPAT APZII	40	4.00%+	0.00%++	0.00%++	18.00%--	18.00%--	%0-MAX, MIN HI
REAL ESTATE DISCLOS	20	N	N	Y+	N	N	Y(10)/N(0)
CLR ZONE ACQ CMLTD	0	Y	Y	Y	Y	Y	Y(10)/N(0)
ENCROACHMENT ---	200	8.6	8.9	10.0	0.0	6.9	GROUP SUBTOTAL
AMT BOQ RMS ADQ	0	152.0	264.0	222.0	558.0	247.0	0-MAX, MAX HI
CONDITION BOQ % ADQ	0	100.00%	100.00%	100.00%	100.00%	100.00%	%0-100, 100 HI
AMT BEQ RMS ADQ	0	462.0	690.0	400.0	521.0	442.0	0-MAX, MAX HI
CONDITION BEQ % ADQ	0	100.00%	100.00%	100.00%	100.00%	100.00%	%0-100, 100 HI
%MWR/SPT FAC AVAIL	0	93.00%	87.00%	87.00%	87.00%	70.00%	%0-100, 100 HI
AMT MIL HSE ADQ	0	400.0	812.0	654.0	948.0	230.0	0-MAX, MAX HI
CONDITION HSE % ADQ	0	100.00%	100.00%	100.00%	93.00%	100.00%	%0-100, 100 HI
# CHLDCAR WAIT LIST	0	37.0	4.0	6.0	79.0	1.0	0-MAX, MIN HI
AVG WAIT CHILDREN	0	216.0	14.0	150.0	186.0	30.0	0-MAX, MIN HI

Staff Analysis II

	REESE	COL	LAU	RANDOLPH	VANCE	RATING SCALE
WEIGHT						
SERVICES	?	?	?	?	?	GROUP SUBTOTAL
SCORE	6.3	6.4	7.4	4.4	6.3	
RANK	3	2	1	5	3	

**AIRSPACE AND DISTANCE DATA
AIRSPACE OWNED/SCHEDULED BY
COLUMBUS AFB**

COLUMBUS					
NAME	AREA NM2	ALT	VOLUME NM3	DIST	CNM X DIST
A440	177	6500	189.2	1	189.2269737
CBM1	2643	15000	6520.6	1	6520.559211
CBM2	647	15000	596.2	45	71829.76974
CBM3	2668	15000	6582.2	42	276453.9474
CBM4	1379	13000	2948.5	74	218190.4605
CALDONIA1	877	4000	577.0	12	6923.684211
CALDONIA2	804	4000	528.9	12	6347.368421
GREENWOOD	831	4000	546.7	45	24601.97368
MEMPHIS	857	4000	563.8	75	42286.18421
OXFORD	809	4000	532.2	45	23950.65789
R4404	78.5	11500	148.5	37	5493.708882

ALERT x .8:	151	ALERT:	189	ALERT DIST:	1.00
ALERT TOT:	189	WA:	0	WA DIST:	0.00
WA TOTAL:	0	MOA:	677105	MOA DIST:	33.20
MOA TOTAL:	20396	RES:	5494	RES DIST:	37.00
RES TOTAL:	148	TOTAL:	682788	ALL DIST:	32.93
TOTAL:	20734				

AL/WA/MOA	20535
AL/MOA	20535

STRIKE & B/F	WA/MOA/RES:	20515
E2/C2 & AIRLIFT & WSO	AL.8/WA/MOA:	20518
PRIMARY & NFO & SCREENING	AL.8/MOA:	20518

STRIKE & B/F DIST:	33.23
MARITIME & AIRLIFT:	32.90
PRIMARY DIST:	32.90

**AIRSPACE AND DISTANCE DATA
AIRSPACE OWNED/SCHEDULED BY
LAUGHLIN AFB**

LAUGHLIN					
NAME	AREA NM2	ALT	VOLUME NM3	DIST	CNM X DIST
A633A	708	6000	698.7	1	698.6842105
A633B	154	3000	76.0	22	1671.710526
LAU1	4500	13000	9521.7	20	192434.2105
LAU2	469	13000	1302.8	40	40111.84211
LAU3	1975	15000	4372.5	15	73087.99342
PECOS ATCAA	7980	19000	24337.5	15	374062.5

ALERT x .8:	620	ALERT:	2370	ALERT DIST:	3.06
ALERT TOT:	775	WA:	0	WA DIST:	0.00
WA TOTAL:	0	MOA:	679697	MOA DIST:	16.81
MOA TOTAL:	40435	RES:	0	RES DIST:	#DIV/0!
RES TOTAL:	0	TOTAL:	682067	ALL DIST:	16.55
TOTAL:	41209				

AL/WA/MOA 41209
AL/MOA 41209

STRIKE & B/F	WA/MOA/RES:	40435
E2/C2 & AIRLIFT & WSO	AL&WA/MOA:	41014
PRIMARY & NFO & SCREENING	AL&MOA:	41014

STRIKE & B/F DIST:	16.81
MARITIME & AIRLIFT:	16.55
PRIMARY DIST:	16.55

**AIRSPACE AND DISTANCE DATA
AIRSPACE OWNED/SCHEDULED BY
REESE AFB
(USING AETC REVISED DATA)**

REESE					
NAME	AREA NM2	ALT	VOLUME NM3	DIST	CNM X DIST
A637	1250	2700	555.1	1	555.098684
REESE 1	1022	6000	1008.6	31	31265.1316
ATCAA 1	1022	8000	1344.7	31	41686.8421
REESE 2	828	8000	1039.5	12	13073.6842
ATCAA 2	828	5000	630.9	12	8171.05263
REESE 3	2677	6000	2641.8	47	124163.487
ATCAA 3	2677	8000	3522.4	47	165551.316
REESE 4	894	8000	1176.3	16	18821.0526
ATCAA 4	894	5000	735.2	16	11763.1579
REESE 5	1437	6000	1418.1	46	65232.2368
ATCAA 5	1437	8000	1830.8	46	86976.3158
HIGH A	1340	11000	2424.3	15	36365.1316
HIGH B	893	11000	1615.6	49	79165.625
HIGH C	1226	11000	2218.1	49	108686.513
HIGH D	908	11000	1612.8	15	24641.4474
HIGH E	1023	11000	1850.8	15	27762.3355
TORCH	405	11000	712.7	25	18318.2566
NORMAN	464	8000	610.5	20	12210.5263
RAMSEY	464	8000	610.5	20	12210.5263

ALERT x .8: 444
 ALERT TOT: 555
 WA TOTAL: 0
 MOA TOTAL: 27214
 RES TOTAL: 0
 TOTAL: 27769

ALERT: 555
 WA: 0
 MOA: 886065
 RES: 0
 TOTAL: 886620

ALERT DIST: 1.00
 WA DIST: 0.00
 MOA DIST: 32.56
 RES DIST: #DIV/0!
 ALL DIST: 31.93

AL/WA/MOA 27769
 AL/MOA 27769

STRIKE & B/F	WA/MOA/RES:	27214
E2/C2 & AIRLIFT & WSO	AL.8/WA/MOA:	27658
PRIMARY & NFO & SCREENING	AL.8/MOA:	27658

STRIKE & B/F DIST:	32.56
MARITIME & AIRLIFT:	31.93
PRIMARY DIST:	31.93

**AIRSPACE AND DISTANCE DATA
AIRSPACE OWNED/SCHEDULED BY
VANCE AFB
(USING AETC REVISED DATA)**

VANCE					
NAME	AREA NM2	ALT	VOLUME NM3	DIST	CNM X DIST
A562A	209	8700	299.1	1	299.0625
A562B	140	8800	202.6	17	3444.73684
VANCE 1A	6298	8000	8286.8	1	8286.84211
ATCAA 1A	6298	6000	6215.1	1	6215.13158
VANCE 1B	2132	11000	3857.2	1	3857.23684
ATCAA 1B	2132	6000	2103.9	1	2103.94737
EAGLE 2N	998	9000	1477.3	40	59092.1053
EAGLE 2S	916	9000	1355.9	40	54236.8421
EAGLE 3N	832	9000	1237.6	66	81284.2105
EAGLE 3S	930	9000	1376.6	66	90858.5526
EAGLE 6	612	17000	1717.2	18	30801.3158
TORCH	500	4000	328.9	18	5921.05263

ALERT x .8:	401	ALERT:	3744	ALERT DIST:	7.46
ALERT TOT:	502	WA:	0	WA DIST:	0.00
WA TOTAL:	0	MOA:	342657	MOA DIST:	12.26
MOA TOTAL:	27945	RES:	0	RES DIST:	#DIV/0!
RES TOTAL:	0	TOTAL:	346401	ALL DIST:	12.18
TOTAL:	28446				

AL/WA/MOA 28446
AL/MOA 28446

STRIKE & B/F	WA/MOA/RES:	27945
E2/C2 & AIRLIFT & WSO	AL.8/WA/MOA:	28346
PRIMARY & NFO & SCREENING	AL.8/MOA:	28346

STRIKE & B/F DIST:	12.26
MARITIME & AIRLIFT:	12.18
PRIMARY DIST:	12.18

**AIRSPACE AND DISTANCE DATA
AIRSPACE OWNED/SCHEDULED BY
RANDOLPH AFB**

RANDOLPH					
NAME	AREA NM2	ALT	VOLUME NM3	DIST	CNM X DIST
A635	119	2500	48 9	1	48.9309211
A638	112	2500	46 1	19	875
RND1A	1407	13000	3008 4	50	150419.408
RND1B	540	15000	1332 2	30	39967.1053
RND1C	123	5000	101 2	40	4046.05263
RND2A	1462	20000	4809 2	45	216414.474
RND2B	330	8000	434 2	30	13026.3158

ALERT x .8:	76	ALERT:	924	ALERT DIST:	9.73
ALERT TOT:	95	WA:	0	WA DIST:	0.00
WA TOTAL:	0	MOA:	423873	MOA DIST:	43.77
MOA TOTAL:	9685	RES:	0	RES DIST:	#DIV/0!
RES TOTAL:	0	TOTAL:	424797	ALL DIST:	43.43
TOTAL:	9780				

AL/WA/MOA	9780
AL/MOA	9780

STRIKE & B/F	WA/MOA/RES:	9685
E2/C2 & AIRLIFT & WSO	AL.8/WA/MOA:	9761
PRIMARY & NFO & SCREENING	AL.8/MOA:	9761

STRIKE & B/F DIST:	43.77
MARITIME & AIRLIFT:	43.43
PRIMARY DIST:	43.43

BRAC '93 AIR FORCE DATA CALL

Percentage of time wx 3000/3 and above? (I.2.A.1.c)

ANSWER: 82.0%

Percentage of time wx 1500/3 and above? (I.2.A.1.d)

ANSWER: 89.6%

Number of forecasted or actual icing days: Base? Working areas (MOAs & Ranges)? (I.2.A.2)

ANSWER: The total number of forecast icing days for Columbus AFB from 1 Jan 92 to 31 May 92 was 77 days. When the training areas are included, the total was 94 days. Only two days during the period included icing forecasted to the surface. The five month period used in the study is typically when the majority of our icing days occur. Climatological estimates for the remainder of the 1992 calendar year should add another 50 days of forecasted icing or a total of 144 forecasted days.

Wx attrition? (Use both operations and maintenance records--request five year look-back. Use MAJCOM information, if required). In answering question, please breakout rates with respect to local (read base weather problem), enroute weather, and training area weather, if required. (I.2.A.3.)

How many sorties were lost due to wx? How many were recovered? (I.2.A.3.a)

NOTE: Weather attrition for Columbus AFB MS FY 87 thru FY 91 (maintenance data only; operations does not maintain this data). All weather losses were due to local/training area weather -- enroute weather problems are not applicable.

2. OPERATIONAL EFFECTIVENESS (L2)

A. Weather information (L2A)

- During the best period of record (at least ten years), what was the average? (L2.A.1)

- Percentage of time wx at or above 300/1? (L2.A.1.a)

ANSWER: 98.1%

- Percentage of time wx 3000/5 and above? (L2.A.1.b)

ANSWER: 87.6%

- Percentage of time wx 3000/3 and above? (L2.A.1.c)

ANSWER: 87.6%

- Percentage of time wx 1500/5 and above? (L2.A.1.d)

ANSWER: 91.6%

- Number of forecasted or actual icing days: Base? Working areas(MOAs & Ranges)? (L2.A.2)

ANSWER: Surface: 20 days per year with forecast ice in the airport traffic area.
Working MOA: 50 days per year with forecast ice in the Reese 1-5 MOAs

- Wx attrition? (Use both operations and maintenance records--request five year look-back. Use MAJCOM information, if required). In answering question, please breakout rates with respect to local (read base weather problem), enroute

2. OPERATIONAL EFFECTIVENESS (L2)

A. Weather (WX) information (L2.A)

During the best period of record (at least ten years), what was the average? (L2.A.1)

-- Percentage of time wx at or above 3000/1? (L2.A.1.a)

ANSWER: 98.3%

-- Percentage of time wx 3000/5 and above? (L2.A.1.b)

ANSWER: 80.7%

-- Percentage of time wx 3000/3 and above? (L2.A.1.c)

ANSWER: 80.7%

Percentage of time wx 1500/3 and above? (L2.A.1.d)

ANSWER: 89.6%

Number of forecasted or actual icing days: Base? Working areas (MOAs & Ranges)? (L2.A.2)

ANSWER: Surface: 0 Working areas: Approximately 15; NOTE: We do not track icing in the working areas per se, an estimated average from historical data indicates 15 days annually where icing in the working areas may be a factor in student training.

ANSWER: 89.3%

Number of forecasted or actual icing days: Base? Working areas (MOAs & Ranges)? (L2.A.2)

ANSWER: Surface: 15 Working Areas: 80

- Wx attrition? (Use both operations and maintenance records--request five year look-back. Use MAJCOM information, if required). In answering question, please breakout rates with respect to local (read base weather problem), enroute weather, and training area weather, if required. (L2.A.3)

-- How many sorties were lost due to wx? How many were recovered? (L2.A.3.a)

ANSWER: FY 89 7077 of 38,425 (T-37) 8678 of 46,771 (T-38); FY 90 6549 of 37,820 (T-37) 9574 of 47,939 (T-38); FY 91 4852 of 29,496 (T-37) 8490 of 44,312 (T-38); FY 92 4328 of 24,152 (T-37) 5070 of 26,571 (T-38). Ten year loss average 1980-1989 = T-37 22.7%; T-38 22.4%. All sorties were recovered.

NOTE: No numerical data is available on loss of sorties due to local, enroute, or other training area weather.

How many required exercise (local or HHQ) sorties were not flown due to wx during the last year? Is this about the average number lost per year? (L2.A.3.b)

ANSWER: ATC does not perform required exercise sorties.

-- How many formal (BFT, FTU) sorties were lost due to wx? Provide yearly average. (L2.A.3.c)

ANSWER: None.

-- How many class graduations were delayed by wx? Is this about the average? (L2.A.3.d)

ANSWER: None. Yes.

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

May 2, 1995

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

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WENDI LOUISE STEELE

Major General Jay D. Blume, Jr.
Special Assistant for Base Realignment and Transition
Headquarters USAF
1670 Air Force Pentagon
Washington D.C. 20330-1670

123
Please refer to this number
when recording 950502-20

Dear General Blume:

The Commission has been asked to redirect the 1993 decision to close Plattsburgh AFB, NY. In order to compare activities at McGuire Air Force Base with the information being provided to the Commission we require the air traffic operations count for McGuire Air Force Base for calendar years 1992, 1993, and 1994. The data should include only the airport count, excluding the RAPCON numbers. In addition, please provide the number of aircraft, by type, assigned to the base during the same time periods. Request the Air Force provide this information so the Commission is able to reach an appropriate decision on the redirect issue. Your response by May 8, 1995 would be greatly appreciated.

Thank you for your continued support and cooperation.

Sincerely,

FRANCIS A. CIRILLO, JR.
Air Force Team Leader

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950502-20

FROM: CIRILO, FRANK	TITLE: AF TEAM LEADER
TO: BLUMF, JAH	TITLE: SPECIAL ASST
ORGANIZATION: DRCC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (S) DISCUSSED: PLATTSMITH H1 MCGUIRE	

OFFICE OF THE CHAIRMAN			COMMISSION MEMBERS								
CHAIRMAN DIXON	STAFF DIRECTOR	EXECUTIVE DIRECTOR	GENERAL COUNSEL	MILITARY EXECUTIVE	DIR./CONGRESSIONAL LIAISON	DIR./COMMUNICATIONS	EXECUTIVE SECRETARIAT	DIRECTOR OF ADMINISTRATION	CHIEF FINANCIAL OFFICER	DIRECTOR OF TRAVEL	DIR./INFORMATION SERVICES
	✓	✓	✓								
COMMISSIONER CORNELIA	COMMISSIONER COX	COMMISSIONER DAVIS	COMMISSIONER KLING	COMMISSIONER MONTYA	COMMISSIONER ROBLETS	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:

REQUESTING INFO REGARDING AIR TRAFFIC OPERATIONS COUNT FOR MCGUIRE AFB. FCIR 1992-1994.

Due Date:	Routing Date: 950502	Date Originated: 950502	Mail Date: 950502
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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, UNITED STATES AIR FORCE



04 MAY 1995

123

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Frank Cirillo)

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

SUBJECT: Response to Questions on McGuire AFB (Reference #950502-20)

The following is the Air Force response to your May 3, 1995 request for data concerning air traffic operations at McGuire AFB for calendar years 1992, 1993, and 1994, and the number and type of aircraft assigned during the same period.

Statement: "...we require the air traffic operations count for McGuire Air Force Base for calendar years 1992, 1993, and 1994. The data should include only the airport count, excluding the RAPCON numbers."

<u>Response:</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>
	112,876	93,914	61,585

Statement: "In addition, please provide the number of aircraft, by type, assigned to the base during the same time period."

<u>Response:</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>
KC-135	20	20	20
KC-10	0	0	19
C-141	50	50	50
C-26	1	1	1
Total	71	71	90

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



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-896-0504

ALAN J. DIXON, CHAIRMAN

May 2, 1995

COMMISSIONERS:

AL CORNELLA
REBECCA COX
GEN J. B. DAVIS, USAF (RET)
E. LEE KLING
ADM BENJAMIN F. MONTAYA, USN (RET)
MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

Major General Jay D. Blume, Jr.
Special Assistant for Base Realignment and Transition
Headquarters USAF
1670 Air Force Pentagon
Washington D.C. 20330-1670

Please refer to this number
when responding 950502-20

Dear General Blume:

The Commission has been asked to redirect the 1993 decision to close Plattsburgh AFB, NY. In order to compare activities at McGuire Air Force Base with the information being provided to the Commission we require the air traffic operations count for McGuire Air Force Base for calendar years 1992, 1993, and 1994. The data should include only the airport count, excluding the RAPCON numbers. In addition, please provide the number of aircraft, by type, assigned to the base during the same time periods. Request the Air Force provide this information so the Commission is able to reach an appropriate decision on the redirect issue. Your response by May 8, 1995 would be greatly appreciated.

Thank you for your continued support and cooperation.

Sincerely,

FRANCIS A. CIRILLO, JR.
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

April 15, 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 (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

89
Please refer to this number
when responding 950417-16

Dear General Blume:

In order to assist the Commission in its independent review of the Air Force process, we are requesting copies of the Base Closure Executive Group tiering ballot tally sheets for each of the installation categories. Our interest is not centered on individual ballots, but rather the spread of total scores that resulted in the final tierings. We would appreciate this information no later than April 25, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE
Air Force Team Leader

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950417-16

FROM: CIRILLO, FRANK
 TITLE: AF TEAM LEADER
 ORGANIZATION: DBCRC
 INSTALLATION (if DISCUSSED):

TO: BLUME, JAY
 TITLE: SPECIAL ASST
 ORGANIZATION: HEADQUARTERS USAF

OFFICE OF THE CHAIRMAN
 ACTION INT
 FM
 ACTION INT

CHAIRMAN DEON
 ACTION INT
 FM
 ACTION INT

COMMISSIONER CORVELLA					
COMMISSIONER COX					
COMMISSIONER DAVIS					
COMMISSIONER KING					
COMMISSIONER MONTORA					
COMMISSIONER ROBLES					
COMMISSIONER STEELE					
DR. COMMUNICATIONS					
DEPUTY SECRETARY					
DIRECTOR OF ADMINISTRATION					
CHIEF FINANCIAL OFFICER					
DIRECTOR OF TRAVEL					
HR INFORMATION SERVICES					

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature		
Prepare Reply for Staff Director's Signature		
ACTION: Offer Comments and/or Suggestions		
FM	✓	

REQUESTING COPIES OF THE BASE CLOSURE EXECUTIVE GROUP MEMORANDUM. BALLOT TABLE SHEETS.

Date: 950425
 Routing Date: 950417
 Date Originated: 950415
 Your Date:



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



18 APR 1995

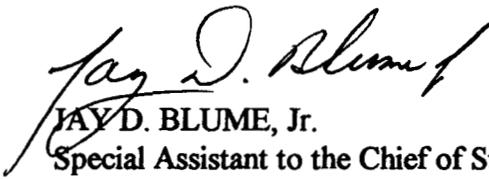
MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Request for Information (DBCRC No. 950417-16, AF/RT Tasker 421)

In response to your letter of April 15, 1995, the attached information is provided. These are copies of the worksheets used to tally the votes of the Base Closure Executive Group members by installation in each subcategory of bases. As you can see, these are worksheets. There is an inconsistent use of the "tier" numbers, with 1 being used as the top in some cases, and 3 referring to the top in others. Nevertheless, I believe the information is clear when compared to the Air Force analysis.

I trust this responds to your need. Lt Col Bryan Echols, 697-6560, is my point of contact. If you have any questions on the use of the worksheets, please contact him.


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

Onizuka

10



Falcom

30



VOTE TOTALS BY BASE

Base	Score	Tier
Brooks AFB, Texas	16	3
Hanscom AFB, Massachusetts	35	1
Kirtland AFB, New Mexico	22	2
Los Angeles AFB, California	25	2
Rome Lab, New York	33	1
Wright-Patterson AFB, Ohio	39	1

VOTE TOTALS BY BASE

Base	Score	Tier
Cannon AFB, New Mexico	11	3
Davis-Monthan AFB, Arizona	32	1
Holloman AFB, New Mexico	19	3
Hurlburt AFB, Florida	26	2
Langley AFB, Virginia	33	1
Luke AFB, Arizona	25	2
Moody AFB, Georgia	14	3
Mountain Home AFB, Idaho	25	2
Seymour-Johnson AFB, North Carolina	27	2
Shaw AFB, South Carolina	26	2
Tyndall AFB, Florida	27	2

VOTE TOTALS BY BASE

Base	Score	Tier
Columbus AFB, Mississippi	36	3
Laughlin AFB, Texas	32	3
Randolph AFB, Texas	39	3
Reese AFB, Texas	14	1
Vance AFB, Oklahoma	32	3

ALTUS	BARKSDALE	BEALE	CHARLESTON	DOVER	DYESS	ELLSWORTH	FARCHILD	GRAND FORKS	LITTLE ROCK	MALMSTROM	MCCONNELL	MCCOY	MINOT	OFFUTT	SCOTT	TRAVIS	WHITEMAN
3	3	3	3	3	3	2	1	3	1	3	3	3	3	2	3	1	3
3	2	3	3	3	3	2	1	2	1	2	3	2	2	1	2	1	3
3	3	3	3	2	2	3	1	3	1	3	2	2	2	2	1	3	3
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3	3	2	3	2	3	3	1	3	1	3	3	3	2	3	1	3	2
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3	3	2	3	3	3	2	1	3	1	3	3	3	3	1	2	1	3
3	3	2	3	3	3	3	1	3	1	3	3	3	2	2	1	3	2
3	3	3	3	3	2	3	1	3	1	3	2	2	3	2	1	2	3
36	36	34	30	31	30	12	34	12	33	29	32	28	21	25	13	35	32
36																	
35																	

VOTE TOTALS BY BASE

Base	Score	Tier
Hill AFB, Utah	33	1
Kelly AFB, Texas	15	3
McClellan AFB, California	11	3
Robins AFB, Georgia	26	2
Tinker AFB, Oklahoma	29	1

VOTE TOTALS BY BASE - T&E BASES

Base	Score	Tier
Eglin AFB, Florida	39	1



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 17, 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:

According to the enclosed letter, the Governor of The Commonwealth of Massachusetts has signed into law bonding authority for \$100 million in capital improvements to accommodate an enhancement or expansion of Hanscom AFB as a result of the 1995 BRAC process. Please provide the Air Force's position on how these funds will be used at Hanscom AFB related to the 1995 BRAC process and the recommended realignment of Rome Laboratory.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:

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REBECCA COX
GEN J. B. DAVIS, USAF (RET)
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RADM BENJAMIN F. MONTOYA, USN (RET)
MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

90
Please refer to this number
when responding 950417-17

Enclosure



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE DEPARTMENT
STATE HOUSE • BOSTON 02133
(617) 727-3600

WILLIAM F. WELD
GOVERNOR

ARGEO PAUL CELLUCCI
LIEUTENANT GOVERNOR

April 6, 1995

The Honorable Alan J. Dixon
Chairman
Defense Base Closure and Realignment Commission
1700 North Moore Street, Suite 1425
Arlington, Virginia 22209

Dear Chairman Dixon:

As you know, on March 1, Secretary Perry recommended that Hanscom Air Force Base be expanded. In addition, documents released as part of the base closure process indicate that the Defense Department considered a number of cross-service options to expand Hanscom; regrettably, however, most of these scenarios were rejected due to prohibitive military construction costs.

The citizens of the Commonwealth of Massachusetts are committed to the preservation and enhancement of Hanscom; thus, on February 9, I signed into law state bonding authority for \$100 million in capital improvements to accommodate an enhancement or expansion of Hanscom as a result of the 1995 BRAC process. This offer presents a win-win situation for the federal government and Massachusetts. For the Defense Department, state offsets of military construction costs will increase the cost savings associated with base closures. Moreover, strengthening Hanscom will contribute significantly to development in the high-technology sectors that are driving the Commonwealth's economic growth.

Attached are cost estimates for space and infrastructure improvements at Hanscom that could be funded by the state, enabling the BRAC to expand Hanscom markedly at a very low cost. Under Massachusetts law, I have the authority to fund these improvements, and I am prepared to do so without delay.

Thank you for your consideration. If you have any questions, please do not hesitate to contact me, or have a staff member contact Bill Smith at (617) 727-3206.

Sincerely,

A handwritten signature in cursive script that reads "Bill Weld".

William F. Weld

Attachments



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE

20 APR 1995



MEMORANDUM FOR DEFENSE BASE REALIGNMENT AND
CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Request for Information (AF/RT Tasker 422, Commission No. 950417-17)

This letter responds to your letter of April 17, 1995, requesting an Air Force position on how the Air Force would use certain funds offered by Massachusetts for enhancement or expansion of Hanscom AFB. Because no 1995 BRAC decisions are final, and because the legislation presumes a certain outcome in the BRAC process, the Air Force feels it is premature to discuss any specific uses of the funds, as you have requested. I note that the Air Force has consistently taken the position that these types of offers from communities should not influence the base realignment and closure analysis process.

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



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 17, 1995

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

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

*Please refer to this number
when responding 950417-17*

Dear General Blume:

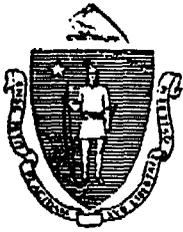
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Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

Enclosure

Rec 17 April 1630



THE COMMONWEALTH OF MASSACHUSETTS

EXECUTIVE DEPARTMENT

STATE HOUSE • BOSTON 02133

(617) 727-3600

WILLIAM F. WELD
GOVERNORARGEO PAUL CELLUCCI
LIEUTENANT-GOVERNOR

April 6, 1995

The Honorable Alan J. Dixon
Chairman
Defense Base Closure and Realignment Commission
1700 North Moore Street, Suite 1425
Arlington, Virginia 22209

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Sincerely,

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William F. Weld

Attachments





THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 17, 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

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:
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GEN J. B. DAVIS, USAF (RET)
S. LEE KLING
RADM BENJAMIN F. MONTOYA, USN (RET)
MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

9/
Please refer to this number
when responding 950417-18

Dear General Blume:

In order to assist the Commission in its review of Air Force BRAC 95 actions, I would appreciate a briefing on Rome Laboratory's classified work for Jim Owsley, Cross Service Team Leader and Dick Helmer, Senior Analyst, during the week of April 23, 1995. The briefing should include: (1) a description of each project, its cost, schedule, and performance to date, and (2) How the lab's closure/realignment would affect the project's performance and completion.

If you have any questions regarding this request, please contact Dick Helmer, (703-696-0504, ext. 177). 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

20 APR 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: AF/RT

SUBJECT: Briefing on Rome Laboratory Classified Projects (RT Tasker 423)

In response to your request for a briefing on Rome Laboratory's classified work, we have arranged for the Rome Laboratory Executive Director, Mr. Ray Ertz, and his staff to brief you on Thursday, the 27th of April. The briefing will start at 1000 in Room 5D1033 in the Pentagon. The briefing will be conducted at the Secret level. As discussed in the 18 Apr 95 telecon between Matt Mleziva and Dick Helmer, we will not be presenting information requiring SCI (or other special) clearances since the Commission staff does not possess current clearances for such material.

We are requesting authorization for Special Access for the Commission staff from the various program sponsors as required. Please send (FAX: 703/693-9707) your security clearances to AF/RT, Attn: Maj Mike Wallace prior to the 27th.

My point of contact for this action is Major Wallace, AF/RTR, DSN 225-4578

A handwritten signature in black ink, appearing to read "Jay D. Blume, Jr.", written in a cursive style.

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

MEMORANDUM FOR MAJOR GENERAL BLUME

FROM: CAPTAIN MCNEIL

SUBJECT: Briefing on Rome Laboratory Classified Projects (RT Tasker 423)

The commission requested a briefing on Rome Lab's classified projects to include:
"(1) a description of each project, its cost, schedule, and performance to date, and (2)
How the lab's closure/realignment would affect the project's performance and
completion." As stated in the attached letter, the briefing is scheduled for Thursday, the
27th of April and will start at 1000 in Room 5D1033.

While the commissioners may expect the discussions to include Top Secret
information, we are limiting the meeting to the Secret level for the following reasons:
1) We believe relevant information can be provided at the Secret level
2) Without SCI Clearances, Top Secret is of little value.

R. Curtis McNeil

R. CURTIS MCNEIL, Captain, USAF
RT Extended Staff

Coordination:



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

ALAN J. DIXON, CHAIRMAN

April 18, 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 D. Blume, Jr.
Special Assistant for Base Realignment and Transition
Headquarters USAF
1670 Air Force Pentagon
Washington D.C. 20330-1670

94
When recording 950418-12

Dear General Blume:

The Commission has received a proposal from Congressman Ken Calvert of California, to relocate the El Toro and Tustin MCAS rotary wing resources to March AFB, CA, as a redirect to the 1993 DBCRC decision to move the helicopters to NAS Miramar. Since March AFB will be realigned as an Air Force Reserve base, this proposal raises the question of host responsibilities. In this regard, please provide your position/policy on the Air Force or Air Force Reserve hosting the proposed tenant Marine Corps rotary wing activity. Please include in your response documentation outlining any DoD position/policy on Reserve installations hosting active duty units and any legislation or federal statutes that may address or have a bearing on the issue of Reserve forces providing host support requirements to large active duty tenant organizations.

Request your response by May 2, 1995

Thank you for your support and cooperation.

Sincerely,

BEN BORDEN
Director, Review and Analysis

cc: SAF/GCN



127 APR 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Ben Borden)

FROM: AF/RT

1670 Air Force Pentagon
Washington, DC 20330-1670

SUBJECT: Response to Inquiry on March AFB

94
950418-12

This response is in reply to your inquiry of April 18, 1995 requesting the Air Force position on Congressman Calvert's proposed redirect of MCAS assets to March AFB. The Air Force does not oppose the relocation of E1170 and Tusin MCAS rotary wing resources to March AFB provided the Department of the Navy assumes all host fiscal and management responsibilities for the installation. It has been longstanding Air Force policy that Air Force Reserve and Air National Guard units not host active duty units. In conformance with this longstanding Air Force Policy, the air reserve components are not staffed or funded to host active duty operations.

We are aware of no DoD policy on this issue. The Air Force has serious concerns as to the adequacy of space and in place facilities to support the Air Force Reserve, the Air National Guard and MCAS resources. With only eleven months until closure as an active duty installation, March AFB is well on the way to converting to a reserve installation with joint civil aviation use and eventual conversion to a civil airport with the Air Force Reserve and Air National Guard remaining as tenants. Provided that the Department of the Navy would accept host responsibilities, the question also arises as to whether MCAS rotary wing operations are compatible with planned civil airport operations. We trust you are seeking Department of the Navy comments on this proposal.

We hope this information is useful.

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



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 18, 1995

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:
AL CORNELLA
REBECCA COX
GEN J. B. DAVIS, USAF (RET)
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WENDI LOUISE STEELE

Major General Jay D. Blume, Jr.
Special Assistant for Base Realignment and Transition
Headquarters USAF
1670 Air Force Pentagon
Washington D.C. 20330-1670

Please refer to this number
when responding 950418-12

Dear General Blume:

The Commission has received a proposal from Congressman Ken Calvert of California, to relocate the El Toro and Tustin MCAS rotary wing resources to March AFB, CA, as a redirect to the 1993 DBCRC decision to move the helicopters to NAS Miramar. Since March AFB will be realigned as an Air Force Reserve base, this proposal raises the question of host responsibilities. In this regard, please provide your position/policy on the Air Force or Air Force Reserve hosting the proposed tenant Marine Corps rotary wing activity. Please include in your response documentation outlining any DoD position/policy on Reserve installations hosting active duty units and any legislation or federal statutes that may address or have a bearing on the issue of Reserve forces providing host support requirements to large active duty tenant organizations.

Request your response by May 2, 1995

Thank you for your support and cooperation.

Sincerely,

BEN BORDEN
Director, Review and Analysis

cc: SAF/GCN



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION ⁹⁵

1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

Please refer to this number
950419-22

April 19, 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, DC 20330-1670

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

Dear General Blume:

During our recent base visit to Brooks Air Force Base, we learned that HSC is involved with a fair amount of work that is classified. To be able to fully evaluate the military value of Brooks Air Force Base, we would like to receive a briefing on the scope and nature of this classified work. We understand from COL Binion at Brooks that a briefing is available and a location in the Pentagon can be arranged for the meeting. We anticipate that Les Farrington and Craig Hall of the DBCRC staff will attend the briefing when it can be set up.

Thank you for your assistance in this matter. If you have any questions, please call Les Farrington of our staff.

Sincerely,

FOR

Francis A. Cirillo Jr., PE
Air Force Team Leader

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950419-22

FROM: CIRILLO	TO: Blume, Jay (MEND)
TITLE: AIR FORCE LEAD	TITLE: SPECIAL ASST TO SEC AF
ORGANIZATION: DBCRC	ORGANIZATION: HQ, USAF
INSTALLATION (S) DISCUSSED: BROOKS AFB	

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

REQUEST FOR BRIEFING ON THE SCOPE AND NATURE OF CLASSIFIED WORK INVOLVED WITH HSC.

Due Date:	Routing Date: 950419	Date Originated: 950419	Mail Date:
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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



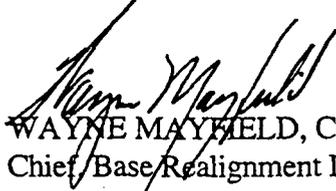
21 APR 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: AF/RT

SUBJECT: Classified Briefing - Brooks AFB

As requested, Col Binion has arranged with your focal point, Mr Craig Hall, to provide a briefing on classified research and development conducted at Brooks AFB. This presentation is scheduled for 0900 hours on 24 April 95, at the secure conference room in the BRAC Office area, 1700 North Moore Street, Suite 1425. If you have any questions, please contact Col Binion or Maj Wallace at (703) 695-6766.


WAYNE MAYFIELD, Colonel, USAF
Chief, Base Realignment Division



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

20 April 1995

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

Mr. Paul Roberson
Senior Vice President, Military Affairs
The Greater San Antonio Chamber of Commerce
602 E. Commerce
P. O. Box 1628
San Antonio, Texas 78296-1628

Dear Mr. Roberson:

We recently received from Air Force a response to the COBRA analysis provided to us by the Brooks AFB community. The Air Force stated they have serious concerns with several of the assumptions. In addition, the Air Force stated they could not provide any analysis of the concept of operations supporting the community's proposal since such a concept had not been provided.

To be able to fully evaluate the merits of your proposal as well as Air Force views, we would like you to provide to the Commission as soon as possible the concept of operations that supports your cantonment proposal for Brooks Air Force Base. Please be as specific as possible on the assumptions you used in developing the proposal and associated COBRAs.

We are enclosing for your information our request to the Air Force and a copy of their reply. Thank you for your assistance in this matter. If you have any questions, please contact Les Farrington of our staff.

Sincerely,

FOR

Francis A. Cirillo Jr., PE
Air Force Team Leader

Enclosures: As stated

96
Please refer to the folder
with response 950420-2

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950420-2

FROM: CIRILLO, FRANK	TO: ROBERTSON, PAUL
TITLE: AF TEAM LEADER	TITLE: VICE PRESIDENT
ORGANIZATION: DBCRC	ORGANIZATION: SAN ANTONIO CHAMBER
INSTALLATION (S) DISCUSSED: BROOK FFB	

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 MONTOVA			
DIR./CONGRESSIONAL LIAISON				COMMISSIONER ROBLES			
				COMMISSIONER STEELE			
DIR./COMMUNICATIONS				REVIEW AND ANALYSIS			
				DIR. OF R & A	✓		
EXECUTIVE SECRETARIAT				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							

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:

PLEASE PROVIDE DBCRC WITH CONCEPT OF OPERATIONS THAT SUPPORTS YOUR COMMENT PROPOSAL FOR BROOKS.

Due Date: 950420	Routing Date: 950420	Date Originated: 950420	Mail Date: 950420
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BRAC '95
BASE REALIGNMENT AND CLOSURE TASK FORCE

April 26, 1995

Francis A. Cirillo, Jr.
Air Force Team Leader
Defense Base Closure and
Realignment Commission
1700 N. Moore Street, Suite 1425
Arlington, VA 22209

Dear Mr. Cirillo:

Thank you for your April 20, 1995 letter and the opportunity to describe the San Antonio cantonment strategy, and specifically, the concept of operations for Brooks AFB in more detail.

The San Antonio cantonment strategy is straight-forward. Brooks AFB would be closed and all base operating support (EOS) and real property maintenance (RPMA) would be provided by Kelly AFB or Lackland AFB. This concept would accomplish the following:

- Brooks AFB would be closed.
- \$174 million in one-time closure costs would be avoided (\$11 million vice \$185 million).
- The 20 year new present value savings would exceed \$301 million--more than twice as much as the DOI proposal.
- The return on investment would begin in year one.

In addition, the risks of losing perhaps as many as 50-75% of the scientists and engineers (who tell us they will not move to Dayton and Panama City) would be avoided and the synergies with San Antonio's very substantial military and civilian human systems and bioscience communities (which can not be matched in Dayton and Panama City) would be preserved.

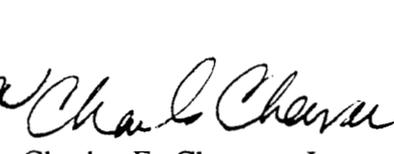
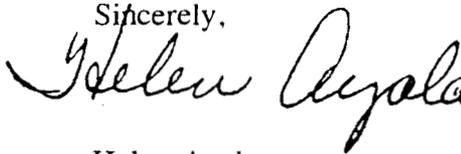
The San Antonio cantonment strategy is built on the following concept of operations:

- BROOKS AFB. Brooks AFB would be closed. A small portion of the base (approximately 15%) would be retained as a cantonment area. The remaining 85% would be made available for reuse. A conceptual drawing of the cantonment area is attached. However, it is only a concept; the actual boundaries would be determined by the Air Force. AFCEE would move into its new facility which would remain as a stand alone building in the reuse area. The few other activities that are presently located outside the cantonment area could remain as stand-alone activities or be moved into the cantonment.
- THE MISSIONS. HSC, AL, USAFSAM, AFCEE, AND HSC/YA would be retained in their present configurations. They would occupy their current facilities thereby negating the requirement for \$103 million of new military construction at Wright Patterson and Tyndall AFBs and \$82 million in movement, personnel, overhead, other, and one-time unique costs.
- BOS. Base operating support would be provided by Kelly AFB or Lackland AFB which are only 14 miles away. A detailed analysis of the support functions is attached. It shows a savings of 423 manpower spaces (Note: 391 was used in the briefing to the Commission and the COBRA runs to avoid confusion). Family housing was not retained in this proposal because additional family housing was not provided at Wright Patterson and Tyndall in the DOD proposal; however, it could be retained without substantially altering the savings. Minimal non-mission facilities were retained in the proposal making the Brooks Cantonment analogous to Wright Field (Area B) in the DOD proposal. The facilities closure factor was based on a building-by-building review. Fire response service would be provided by the City at a cost of \$70,000 per year.
- RPMA. Real property maintenance costs were developed using the "Real Property Replacement Costs" report (which was obtained under the Freedom of Information Act). This report was used to calculate the annual upkeep and repair costs and the utility costs. These data are also attached.
- MILITARY CONSTRUCTION. Five million dollars in military construction costs were included in the proposal for perimeter fencing and minor construction to facilitate moving a few activities from the reuse area into the cantonment. An additional one million dollars was included for minor modifications at Kelly or Lackland to accommodate the added BOS personnel.

It is important to note that the laboratory capacity reduction (as measured in direct work years) achieved by the San Antonio proposal is identical to the reduction in the DOD proposal. In addition, \$174 million in one-time closure costs are avoided and a 20 year net present value savings of \$301 million--more than twice as much as the DOD proposal--is achieved.

The short time left before the Commission makes their final decision, makes it is very important that we have a common understanding of this concept of operations and the supporting data at the earliest possible time. We are, therefore, ready to provide any additional information you may require and to meet with you and the appropriate Air Force representatives at your convenience to review the data and resolve any remaining uncertainties. Please contact Paul Rcberson at (210) 229-2124 to arrange a meeting or to obtain additional information.

Sincerely,



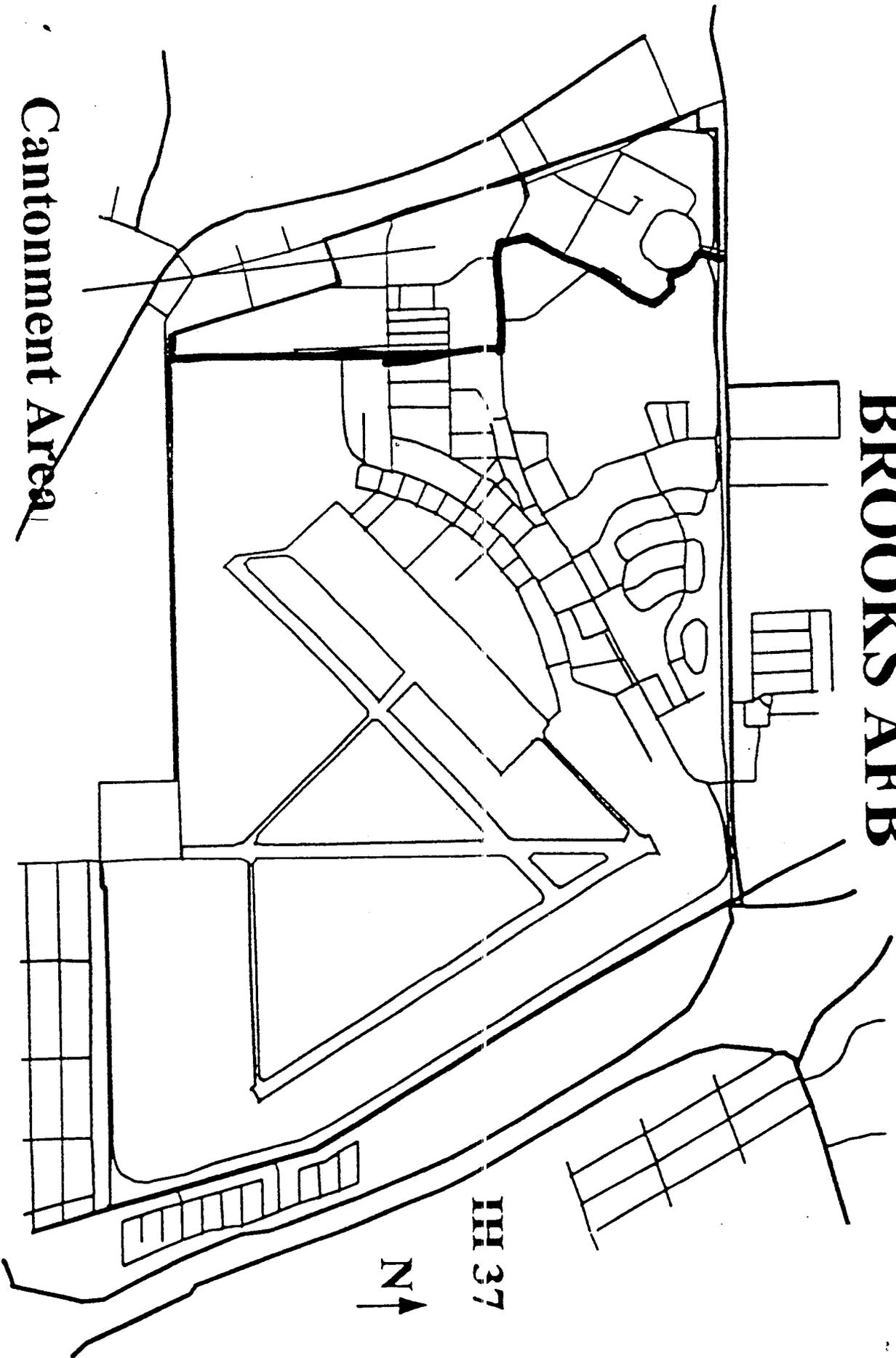
Helen Ayala
BRAC '95 Co-Chair

Charles E. Cheever, Jr.
BRAC '95 Co-Chair



Jose Villarreal
BRAC '95 Co-Chair

BROOKS AFB



Cantonment Area

HH 37

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CONCEPT OF OPERATIONS FOR THE BROOKS CANTONMENT

Table of Contents

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BROOKS AIR FORCE BASE

April 4, 1995 data

Civil Engineering

	Assigned Manpower			Satellite	Manpower - saved		
	Officer	Enlisted	Civilian		Officer	Enlisted	Civilian
Command	1	0	2	0	1	1	2
Administration	0	2	0	0	0	2	0
Engineering	0	0	15	10	0	0	5
Fire department	0	20	18	2	0	20	16
Housing	0	0	4	1	0	0	3
Operations	1	6	119	90	0	3	33
Resources	1	2	7	2	1	2	5
Environmental	1	0	12	6	1	0	6
Air Base operability	1	2	0	0	1	2	0
Total Personnel	<u>5</u>	<u>32</u>	<u>177</u>	<u>111</u>	<u>4</u>	<u>29</u>	<u>70</u>

Concept of operation

- The existing Civil Engineering organization at Brooks AFB is proposed to be disbanded and most civil engineering facilities vacated.
 - The central plant (building 165) and the plant personnel should be retained on-site to maintain surveillance over the EMCS and central heating and cooling plant systems.
 - Buildings 1164 and 1166 should be retained for the specialized shop space and parts storage space.
- Base housing will be closed and all these facilities vacated.
- The future Civil Engineering base operating support is proposed to be provided from another Civil Engineering organization (satellite).
 - Computer network systems, facsimile transfer, telephone calls and close proximity make communications relatively simple.
- The fire department is planned to be reduced to two fire prevention inspectors. Adequate fire response is planned from the City of San Antonio fire department and additional response provided from the other bases. Fire protection systems should be kept well maintained and tested frequently.
- There will be a need for people to repair plumbing, air conditioning, heating and other mechanical and electrical systems.
 - Use of Simplified Acquisition of Base Engineering Requirements (SABRE) should be continued as an effective means to reduce the need for in service support.
 - A few in-house environmental personnel should remain on Brooks to administer the program first hand.
- A liaison officer, reporting to the Host Base Civil Engineer, should be on-site at Brooks as the single point of contact.

BROOKS AIR FORCE BASE

April 4, 1995 data

Clinic	Assigned Manpower			Satellite	Manpower - saved		
	Officer	Enlisted	Civilian		Officer	Enlisted	Civilian
Command/administration	5	9	4	0	5	9	4
Ambulatory care	0	8	1	5	0	3	1
Clinical pathology	0	3	0	2	0	1	0
Dental	4	11	2	9	2	4	2
Diagnostic radiology	0	2	0	1	0	1	0
Emergency med. services	0	8	0	0	0	8	0
Flight Surgeon	1	7	1	4	0	4	1
Medical material	0	1	1	0	0	1	1
Mental health	1	1	0	0	1	1	0
Pharmacy	1	6	0	2	0	2	0
Preventive medicine	1	6	0	2	0	5	0
Primary care	8	9	3	8	2	7	3
Bioenvironmental *	?	5	0	4	0	3	0
Total personnel	<u>23</u>	<u>73</u>	<u>12</u>	<u>37</u>	<u>10</u>	<u>49</u>	<u>12</u>
* assigned to HSC environmental management							

Concept of operation

- The existing Clinic organization at Brooks AFB is proposed to be disbanded and all clinic facilities vacated.
- The future medical support is proposed to be provided from the other medical organizations in San Antonio.
 - The impact of this action is exclusively in primary care, since Brooks has never had in-patient capabilities.
- By satelliting approximately one-half the current Brooks Clinic staff, the workload and impact at Kelly for example, would be workable.
- With the changes in the health care anticipated with the advent of TRICARE, the retiree support currently provided by Brooks could be absorbed into the new San Antonio-wide military health care region.
- A contingent of one MD, a nurse and two technicians on-site would be appropriate to accommodate the medical requirements at Brooks.
 - The San Antonio EMS support (currently provided after duty hours) will be provided 24 hours a day.

BROOKS AIR FORCE BASE

April 4, 1995 data

<i>Security Police</i>	Assigned Manpower			Satellite	Manpower - saved		
	Officer	Enlisted	Civilian		Officer	Enlisted	Civilian
Command	1	2	0	0	1	2	0
Administration	0	9	0	2	0	7	0
Operations	0	39	0	12	0	27	0
Training	0	5	0	1	0	4	0
Total personnel	<u>1</u>	<u>55</u>	<u>0</u>	<u>15</u>	<u>1</u>	<u>40</u>	<u>0</u>

Concept of operation

- The existing Security Police organization at Brooks AFB is proposed to be disbanded and all security police facilities vacated.
- The future Police support is proposed to provided entry control, alarm monitoring, and limited patrol duties.
 - The main gate (at the northeast side) will remain open.
 - The other gate (at HSC headquarters) will be open one hour in the morning and one hour in the afternoon.
 - The Student Billeting and Mission areas will be patrolled by after duty hours by future police support.
- There are three options for achieving this proposed future Police support:
 - Support from another Security Police organization (satellite).
 - Support from a Security Guard contract.
 - Support from the San Antonio Police Department.

BROOKS AIR FORCE BASE

April 4, 1995 data

<i>Services</i>	Assigned Manpower		Satellite	Manpower - saved		
	Officer	Enlisted		Officer	Enlisted	Civilian
Command	1	2		1	2	3
Membership & resources	0	0	0	0	0	8
Military support	0	10	19	0	0	5
Recreation support	0	0	0	0	0	10
Plans & programs	0	4	2	0	4	1
Youth activities	0	0	0	0	0	10
Total personnel	1	16	21	1	6	37

Concept of operation

- The existing Services organization at Brooks AFB is proposed to be disbanded and most Services facilities vacated.
- The future Services support is proposed to be provided from another Services organization (satellite).
- The Billeting, Dining Hall and Gymnasium are proposed to continue operations - in support of the USAFSAM enlisted students.
 - The enlisted students are proposed to be billeted on base (buildings 717, 718, and 719) - the majority are pipeline students in AFSC awarding courses.
 - On-base billeting for officers will be discontinued.
 - The billeting office location (currently in building 214) will be relocated in building 719. This will require some minor construction and the associated cost should remain within the \$300,000 minor construction limit.
 - The female student dorm will be vacated (building 703) and female students will be billeted in building 719.
 - The Airmans' Dining Hall (building 722) will be retained.
 - The Gymnasium and Running track (buildings 940 and 932) will be retained
- The base library is proposed to be closed. The students are expected to use the technical library that is currently supporting the Armstrong Laboratory and The School of Aerospace Medicine.
- The child care center and the youth activities center will be closed. Base housing will be closed and no dependent youth will be resident on base.
- The Golf Course and Brooks Club (Open Mess) currently receive no appropriated support. Their future status will be determined based on economic viability.

BROOKS AIR FORCE BASE

April 4, 1995 data

Logistics

	Assigned Manpower				Satellite			Manpower - saved		
	<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>		<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>	<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>
Command	1	0	1	0	1	0	1	0	0	1
Administration	0	2	0	0	0	2	0	2	0	0
Medical logistics	1	19	2	2	1	17	2	17	2	2
Supply	1	29	14	25	1	18	0	18	0	0
Transportation	0	21	10	19	0	12	0	12	0	0
Total personnel	<u>3</u>	<u>71</u>	<u>27</u>	<u>46</u>	<u>3</u>	<u>49</u>	<u>3</u>	<u>49</u>	<u>3</u>	<u>3</u>

Concept of operation

- The existing Logistics organization at Brooks AFB is proposed to be disbanded and all Logistics facilities vacated.
- The future Logistics support is proposed to be provided from another Logistics organization (satellite). Logistics support is available under a support agreement for medical, non-medical supplies and equipment, transportation and vehicle maintenance
- The Logistics Material Control Activity (LMCA) will remain in the operational units (Armstrong Laboratory).
 - The LMCA is the primary point of material support for the remaining units at Brooks. The LMCA will utilize the host base supply channels for common stock items and make maximum use of automatic restocking. Those items not maintained in stock may be procured directly from the source. Warehousing at Brooks will be limited to essential mission requirements.
- The credit card system will be used to procure supplies and equipment as appropriate.
- Automatic restocking of supply will be used where possible

BROOKS AIR FORCE BASE

April 4, 1995 data

<i>Communications</i>	Assigned Manpower			Satellite	Manpower - saved		
	Officer	Enlisted	Civilian		Officer	Enlisted	Civilian
Command	1	0	1	0	1	1	
Administration	0	3	0	0	0	0	
Systems support	2	33	11	38	1	0	
Systems technology	1	3	7	9	0	0	
Plans & programs	1	3	8	10	1	0	
Total personnel	<u>5</u>	<u>42</u>	<u>27</u>	<u>57</u>	<u>3</u>	<u>1</u>	
Direct USAFSAM	0		2 (retain at HSC)		13		

Concept of operation

- The existing Communications organization at Brooks AFB is proposed to be disbanded and all communications facilities vacated.
- The future Communications support is proposed to be provided from another Communications organization (satellite).
- The Direct USAFSAM positions will remain in-place at Brooks in support of this mission.

BROOKS AIR FORCE BASE

April 4, 1995 data

<i>Air Base Group</i>	Assigned Manpower			Satellite	Manpower - saved		
	<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>		<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>
Command	3	0	2	0	3	0	2
Command post	0	5	0	1	0	4	0
Mission support	1	3	0	2	1	1	0
Family support center	0	1	7	2	0	1	5
Information management	1	4	8	10	1	2	0
Plans & programs	0	0	2	0	0	0	2
Readiness	0	1	2	1	0	1	1
Social Actions	1	3	1	3	1	0	1
<i>(overhires)</i>							
<i>Civilian personnel</i>			<i>10</i>	<i>0</i>	<i>0</i>		<i>10</i>
<i>Military personnel</i>			<i>2</i>	<i>0</i>	<i>0</i>		<i>2</i>
Total personnel	<u>6</u>	<u>17</u>	<u>22 + 12</u>	<u>19</u>	<u>6</u>	<u>9</u>	<u>11 + 12</u>
Museum	0		1 (retain at HSC)				

Concept of operation

- The existing Base Commander and his staff at Brooks AFB is proposed to be disbanded and all command/staff facilities vacated.
- The future Base operating support is proposed to be provided from another Base organization (satellite).
- The manpower positions shown in italic (*overhires*) are not counted in the totals.
- The USAF Museum of Aerospace Medicine supports the "Histories and Heritage" portion of the USAF School of Aerospace Medicine curriculum. The curator position will remain in-place at Brooks in support of this mission.

BROOKS AIR FORCE BASE

April 4 1995 data

<i>Personnel</i>	Assigned Manpower			Satellite	Manpower - saved		
	<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>		<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>
Personnel	1	1	0	0	1	1	0
Civilian personnel	0	0	23	12	0	0	11
Education & training	2	8	8	9	2	7	0
Military personnel	2	27	2	16	1	12	2
Long term civilian education	0	0	2	1	0	0	1
Total personnel	<u>5</u>	<u>36</u>	<u>35</u>	<u>38</u>	<u>4</u>	<u>20</u>	<u>14</u>

Concept of operation

- The existing Personnel organization at Brooke AFB is proposed to be disbanded and all personnel facilities vacated.
- The future Personnel support is proposed to be provided from another personnel organization (satellite).

BROOKS AIR FORCE BASE

April 4, 1995 data

<i>Financial management</i>	Assigned Manpower			Satellite	Manpower - saved		
	<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>		<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>
Programs/budget	1	0	4	2	1	0	2
Cost analyst	2	0	5	3	2	0	2
Accounting & finance	0	8	9	8	0	8	1
Total personnel	<u>3</u>	<u>8</u>	<u>18</u>	<u>13</u>	<u>3</u>	<u>8</u>	<u>5</u>
Comptroller	1	0	2 (retain at HSC)				
Assistant comptroller for AL	0		19 (retain at HSC)				
Assistant comptroller for YA	5		9 (retain at HSC)				

Concept of operation

- The existing Financial management organization at Brooks AFB is proposed to be disbanded and all financial management facilities vacated.
- The future Financial management support is proposed to be provided from another financial management organization (satellite).
- The HSC Comptroller, the assistant comptrollers and the personnel directly supporting the Armstrong Laboratory and the Human Systems Program Office will remain in-place at Brooks in support of these organizations.

BROOKS AIR FORCE BASE

April 4, 1995 data

<i>Chaplain</i>	Assigned Manpower			Satellite	Manpower - saved		
	<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>		<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>
Chaplains	3	0	0	2	1	0	0
Administration	0	3	0	1	0	2	0
Total personnel	<u>3</u>	<u>3</u>	<u>0</u>	<u>3</u>	<u>1</u>	<u>2</u>	<u>0</u>

Concept of operation

- The existing Chaplain organization at Brooks AFB is proposed to be disbanded and most chaplain facilities vacated.
 - The Chapel facility is proposed to be retained for Sunday worship and occasional special events.
- The future Chaplain support is proposed to be provided from another chaplain organization (satellite).
 - The support will include Sunday worship at Brooks in support of the on base student population.

BROOKS AIR FORCE BASE

April 4, 1995 data

<i>Contracting</i>	Assigned Manpower			Satellite	Manpower - saved		
	<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>		<u>Officer</u>	<u>Enlisted</u>	<u>Civilian</u>
Base contracting	2	4	18	15	2	4	3
Total personnel	<u>2</u>	<u>4</u>	<u>18</u>	<u>15</u>	<u>2</u>	<u>4</u>	<u>3</u>
Contracting	1		1 (retain at HSC)				
Policy	0		4 (retain at HSC)				
Pricing	1		2 (retain at HSC)				
Support to AFOMS	0		2 (retain at HSC)				
R&D contracting	3		19 (retain at HSC)				
Systems contracting	4		6 (retain at HSC)				
Environmental contracting	2		9 (retain at HSC)				
Prof dev res mgt	7		4 (retain at HSC)				

Concept of operation

- The existing Base level contracting organization at Brooks AFB is proposed to be disbanded and the associated facilities vacated.
- The future Base level contracting support is proposed to be provided from another base contracting organization (satellite).
- Environmental, Acquisition and R&D contracting will remain in-place at Brooks to support the AFCEE, HSC/YA, AL and USAFSAM.

BROOKS AIR FORCE BASE

April 4, 1995 data

Systems Acquisition School

	Assigned Manpower		Satellite	Manpower - saved		
Total personnel	Officer	Enlisted		Officer	Enlisted	Civilian
	16	4				
						13 (retain at HSC)

Concept of operation

- The Systems Acquisition School at Brooks AFB is proposed to be retained by HSC at Brooks.
- The associated facilities (buildings 556, 557, and 558) will vacated and the School will utilize space vacated by USAFSAM in building 180.

BROOKS AIR FORCE BASE

April 4, 1995 data

Totals	Assigned Manpower			Satellite	Manpower - saved		
	Officer	Enlisted	Civilian		Officer	Enlisted	Civilian
	57	357	384	375	38	229	156

Totals do not include "overhires" or "retain at HSC" numbers

Total Savings = 423 (manpower spaces)

From the COBRA model (BRAC data 02/20/95), the civilian salary is \$46,647

$$156 \times \$46,647 = \$7,276,152$$

From the COBRA model (BRAC data 02/20/95), the officer salary is \$78,668.

$$38 \times \$78,668 = \$2,989,384$$

From the COBRA model (BRAC data 02/20/95), the enlisted salary is \$36,148.

$$229 \times \$36,148 = \$8,277,892$$

Total Savings = \$18,543,428

P 'S AFB MISSION FACILITIES - March 18, 1995

1	A	B	C	D	E	F	G
BLDG #	SQUARE FEET	REPLACEMENT COST	UTILITY COST	UPKEEP COST	TOTAL U + U	ORGANIZATION	
2	100	27378	\$4454000.00	\$35591.40	\$66810.00	\$102401.40	ORGANIZATION
3	110	39696	\$3683000.00	\$51604.80	\$55245.00	\$106849.80	Armstrong Lab Medical facility
4	122	15	\$2000.00	\$19.50	\$30.00	\$49.50	Armstrong Lab Medical facility
5	125	107548	\$18511000.00	\$139812.40	\$277665.00	\$417477.40	Sewage Pump Station
6	130	36125	\$6323000.00	\$46962.50	\$94845.00	\$141807.50	Armstrong Lab Headquarters & USAFSAM Classrooms
7	135	3432	\$659000.00	\$4461.60	\$9885.00	\$14346.60	Armstrong Lab Technical Support facility
8	140	59791	\$7402000.00	\$77728.30	\$111030.00	\$188758.30	Armstrong Lab Chemical Storage facility
9	141	336	\$4000.00	\$436.80	\$60.00	\$496.80	Armstrong Lab Occupational Environmental Directorate
10	145	1243	\$369000.00	\$1615.90	\$5535.00	\$7150.90	Environmental Health - gas bottle storage
11	149	0	\$8000.00	\$0.00	\$120.00	\$120.00	Electrical Switch Station
12	150 HSC	56736	\$6652000.00	\$73756.80	\$99780.00	\$173536.80	Flag Pole
13	155	26686	\$2629000.00	\$34691.80	\$39435.00	\$74126.80	Headquarters HSC, AF Medical Support Agency
14	159	1176	\$278000.00	\$1528.80	\$4170.00	\$5698.80	Armstrong Lab & USAFSAM Technical Library
15	160	53615	\$10909000.00	\$69699.50	\$163635.00	\$233334.50	Electrical Power Station
16	165	22962	\$29087000.00	\$29850.60	\$436305.00	\$466155.60	Hyperbaric Chambers & Altitude Chambers
17	167	13824	\$1761000.00	\$17971.20	\$26415.00	\$44386.20	Power Plant for Bldg 100-186
18	168	120	\$6000.00	\$156.00	\$90.00	\$246.00	Armstrong Lab Research Equipment
19	170	48896	\$8690000.00	\$63564.80	\$130350.00	\$193914.80	Armstrong Lab - gas bottle storage
20	174	162	\$34000.00	\$210.60	\$510.00	\$720.60	Armstrong Lab Centrifuge
21	175	42629	\$7732000.00	\$55417.70	\$115980.00	\$171397.70	Armstrong Lab - gas bottle storage
22	176	16200	\$2731000.00	\$21060.00	\$40965.00	\$62025.00	Armstrong Lab Environmental Health
23	180 HSC	56720	\$11013000.00	\$73736.00	\$165195.00	\$238931.00	Armstrong Lab & Army Directed Energy
24	185	29293	\$3962000.00	\$38080.90	\$59430.00	\$97510.90	USAFSAM Headquarters & Classrooms
25	186	5536	\$1589000.00	\$7196.80	\$23835.00	\$31031.80	Armstrong Lab Animal Clinic
26	199	440	\$162000.00	\$572.00	\$2430.00	\$3002.00	Armstrong Lab Vivarium
27	250	352	\$304000.00	\$457.60	\$4560.00	\$5017.60	Liquid Oxygen Storage
28	414 HSC	8988	\$6421000.00	\$11684.40	\$96315.00	\$107999.40	Base Water Pump Station
29	532 ✓	80000	\$8600000.00	\$104000.00	\$129000.00	\$233000.00	Base Chapel
30	578	76740	\$6286000.00	\$99762.00	\$94290.00	\$194052.00	AFCEE - New Facility
31	659 HSC	2962	\$511000.00	\$3850.60	\$7665.00	\$11515.60	Armstrong Lab - Human Resources Directorate
32	671 HSC	8880	\$532000.00	\$11544.00	\$7980.00	\$19524.00	Museum Building - Annex
33	717 ✓	17612	\$3289000.00	\$22895.60	\$49335.00	\$72230.60	Museum - Hangar 9
34	718 ✓	27141	\$9703000.00	\$35283.30	\$145545.00	\$180828.30	Student Dormitory - USAFSAM
35	719 ✓	27141	\$8452000.00	\$35283.30	\$126780.00	\$162063.30	Student Dormitory - USAFSAM
36	721 ✓	10000	\$882000.00	\$13000.00	\$13230.00	\$26230.00	Student Dormitory - USAFSAM
37	722 ✓	7941	\$1858000.00	\$10323.30	\$27870.00	\$38193.30	Human Systems Program Office
38	723 ✓	7000	\$353000.00	\$9100.00	\$5295.00	\$14395.00	Airman's Dining Hall
39	724 ✓	13217	\$5957000.00	\$17182.10	\$89355.00	\$106537.10	Human Systems Program Office
40	727 ✓	10000	\$882000.00	\$13000.00	\$13230.00	\$26230.00	Human Systems Program Office
41	775 ✓	86000	\$9200000.00	\$111800.00	\$138000.00	\$249800.00	Human Systems Program Office
42	802 ✓	10000	\$210000.00	\$13000.00	\$3150.00	\$16150.00	USAFSAM - New Facility
43	803 ✓	10500	\$1712000.00	\$13650.00	\$25680.00	\$39330.00	Air Force Medical Support Agency
44	809 ✓	7306	\$158000.00	\$9497.80	\$2370.00	\$11867.80	Armstrong Lab - Navy Directed Energy
45	812 ✓	11160	\$227000.00	\$14508.00	\$3405.00	\$17913.00	Human Systems Program Office
46	817 ✓	0	\$49000.00	\$0.00	\$735.00	\$735.00	Human Systems Program Office
47	820 ✓	45267	\$2310000.00	\$58847.10	\$34650.00	\$93497.10	Parachute Swing Trainer - USAFSAM
							A/C mockups - USAFSAM & HSC Systems Program Office

F SAFB MISSION FACILITIES - March 18, 1995

	A	B	C	D	E	F	G
4 8	BUILDING #	SQUARE FEET	REPLACEMENT COST	UTILITY COST	UPKEEP COST	TOTAL U + U	ORGANIZATION
4 9	912	4000	\$126000.00	\$5200.00	\$1890.00	\$7090.00	Intelligence Squadron
5 0	913	8816	\$1802000.00	\$11460.80	\$27030.00	\$38490.80	Intelligence Squadron
5 1	915	3000	\$316000.00	\$3900.00	\$4740.00	\$8640.00	Human Systems Program Office
5 2	930	56800	\$4946000.00	\$73840.00	\$74190.00	\$148030.00	Drug Testing & Epidemiology
5 3	931	306	\$170000.00	\$397.80	\$255.00	\$652.80	Armstrong Lab - gas bottle storage
5 4	932	2 acres	\$103000.00	\$0.00	\$1545.00	\$1545.00	Athletic Field Track
5 5	940	22296	\$1947000.00	\$28984.80	\$29205.00	\$58189.80	Gymnasium
5 6	950	3150	\$1576000.00	\$4095.00	\$23640.00	\$27735.00	NASA - Lunar Rock Depository
5 7	1004	3115	\$2117000.00	\$4049.50	\$31755.00	\$35804.50	Armstrong Lab - Animal Clinic
5 8	1005	1296	\$150000.00	\$1684.80	\$2250.00	\$3934.80	Armstrong Lab - Animal Clinic
5 9	1006	1296	\$155000.00	\$4992.00	\$4170.00	\$9162.00	Armstrong Lab - Animal Clinic
6 0	1007	3840	\$278000.00	\$1684.80	\$2325.00	\$4009.80	Armstrong Lab - Animal Clinic
6 1	1008	4200	\$134000.00	\$5460.00	\$2010.00	\$7470.00	Armstrong Lab - Animal Clinic
6 2	1013	2887	\$203000.00	\$3753.10	\$3045.00	\$6798.10	Armstrong Lab - Animal Clinic
6 3	1016	232	\$41000.00	\$301.60	\$615.00	\$916.60	Armstrong Lab - Animal Clinic
6 4	1017	8741	\$613000.00	\$11363.30	\$9195.00	\$20558.30	Armstrong Lab - Animal Clinic
6 5	1018	1027	\$85000.00	\$1335.10	\$1275.00	\$2610.10	Armstrong Lab - Animal Clinic
6 6	1019	2263	\$119000.00	\$2941.90	\$1785.00	\$4726.90	Armstrong Lab - Animal Clinic
6 7	1179	1444	\$162000.00	\$1877.20	\$2490.00	\$4367.20	Armstrong Lab - Directed Energy
6 8	1180	495	\$17000.00	\$643.50	\$255.00	\$898.50	Armstrong Lab - Directed Energy
6 9	1182	6873	\$195000.00	\$8934.90	\$2925.00	\$11859.90	Armstrong Lab - Directed Energy
7 0	1183	4000	\$219000.00	\$5200.00	\$3285.00	\$8485.00	Armstrong Lab - Directed Energy
7 1	1184	9377	\$1246000.00	\$12190.10	\$18690.00	\$30880.10	Armstrong Lab - Directed Energy
7 2	1185	3540	\$306000.00	\$4602.00	\$4590.00	\$9192.00	Armstrong Lab - Directed Energy
7 3	1187	2954	\$727000.00	\$3840.20	\$10905.00	\$14745.20	Armstrong Lab - Directed Energy
7 4	1188	64	\$13000.00	\$83.20	\$195.00	\$278.20	Armstrong Lab - Directed Energy
7 5	1189	903	\$140000.00	\$1173.90	\$2100.00	\$3273.90	Armstrong Lab - Directed Energy
7 6	1191	345	\$16000.00	\$448.50	\$240.00	\$688.50	Armstrong Lab - Directed Energy
7 7	1192	9260	\$659000.00	\$12038.00	\$9885.00	\$21923.00	Armstrong Lab - Directed Energy
7 8	1193	3078	\$344000.00	\$4001.40	\$5160.00	\$9161.40	Armstrong Lab - Directed Energy
7 9	TOTALS	1288364	\$215318000.00	\$1674873.20	\$3229770.00	\$4904643.20	

A	B	C	D	E	F	G
BLDG #	SQUARE FEET	REPLACEMENT COST	UTILITY COST	UPKEEP COST	TOTAL U + U	ORGANIZATION
1						
2	340	\$9400.00	\$442.00	\$1410.00	\$1852.00	ORGANIZATION Outdoor Recreation Pavilion
3	1652	\$89000.00	\$2147.60	\$1335.00	\$3482.60	Outdoor Recreation Pavilion
4	15262	\$3489000.00			\$0.00	Brooks Club - non appropriated funding (SV)
5	3869	\$275000.00	\$5029.70	\$4125.00	\$9154.70	Transient Lodging (SV)
6	21895	\$1884000.00	\$28463.50	\$28260.00	\$56723.50	Transient Lodging and Billing Office (SV)
7	19961	\$21334000.00	\$25949.30	\$32010.00	\$57959.30	Transient Lodging (SV)
8	16461	\$1409000.00	\$21399.30	\$21135.00	\$42534.30	Transient Lodging (SV)
9	17234	\$1380000.00	\$22404.20	\$20700.00	\$43104.20	Transient Lodging (SV)
10	221	\$7000.00	\$0.00	\$105.00	\$105.00	Recreation Facility (basketball court) (CE)
11	250	\$304000.00	\$457.60	\$4560.00	\$5017.60	Water Pump Station (CE)
12	265	\$56000.00	\$0.00	\$840.00	\$840.00	Tennis Court (CE)
13	280	\$166000.00	\$3330.60	\$2490.00	\$5820.60	Family Housing - Duplex (CE)
14	281	\$165000.00	\$3814.20	\$2475.00	\$6289.20	Family Housing - Duplex (CE)
15	282	\$165000.00	\$3963.70	\$2475.00	\$6438.70	Family Housing - Duplex (CE)
16	283	\$165000.00	\$3330.60	\$2475.00	\$5805.60	Family Housing - Duplex (CE)
17	284	\$164000.00	\$3762.20	\$2460.00	\$6222.20	Family Housing - Duplex (CE)
18	285	\$163000.00	\$3762.20	\$2445.00	\$6207.20	Family Housing - Duplex (CE)
19	286	\$163000.00	\$3370.90	\$2445.00	\$5815.90	Family Housing - Duplex (CE)
20	287	\$163000.00	\$3814.20	\$2460.00	\$6274.20	Family Housing - Duplex (CE)
21	289	\$163000.00	\$3330.60	\$2445.00	\$5775.60	Family Housing - Duplex (CE)
22	290	\$163000.00	\$3963.70	\$2445.00	\$6408.70	Family Housing - Duplex (CE)
23	291	\$169000.00	\$3330.60	\$2535.00	\$5865.60	Family Housing - Duplex (CE)
24	292	\$165000.00	\$3411.20	\$2475.00	\$5886.20	Family Housing - Duplex (CE)
25	293	\$164000.00	\$3762.20	\$2460.00	\$6222.20	Family Housing - Duplex (CE)
26	345	\$800000.00			\$0.00	9 Hole Golf Course - non appropriated funding (SV)
27	400	\$166000.00	\$2974.40	\$2490.00	\$5464.40	Family Housing - Duplex (CE)
28	401	\$167000.00	\$3156.40	\$2505.00	\$5661.40	Family Housing - Duplex (CE)
29	402	\$171000.00	\$3519.10	\$2565.00	\$6084.10	Family Housing - Duplex (CE)
30	403	\$166000.00	\$3008.20	\$2490.00	\$5498.20	Family Housing - Duplex (CE)
31	404	\$164000.00	\$3008.20	\$2460.00	\$5468.20	Family Housing - Duplex (CE)
32	405	\$166000.00	\$2974.40	\$2490.00	\$5464.40	Family Housing - Duplex (CE)
33	407	\$164000.00	\$3008.20	\$2460.00	\$5468.20	Family Housing - Duplex (CE)
34	408	\$164000.00	\$3519.10	\$2460.00	\$5979.10	Family Housing - Duplex (CE)
35	409	\$166000.00	\$3156.40	\$2490.00	\$5646.40	Family Housing - Duplex (CE)
36	410	\$169000.00	\$2974.40	\$2535.00	\$5509.40	Family Housing - Duplex (CE)
37	411	\$165000.00	\$3156.40	\$2475.00	\$5631.40	Family Housing - Duplex (CE)
38	412	\$165000.00	\$3156.40	\$2475.00	\$5631.40	Family Housing - Duplex (CE)
39	413	\$163000.00	\$3519.10	\$2445.00	\$5964.10	Family Housing - Duplex (CE)
40	415	\$168000.00	\$3008.20	\$2520.00	\$5528.20	Family Housing - Duplex (CE)
41	416	\$169000.00	\$3008.20	\$2535.00	\$5543.20	Family Housing - Duplex (CE)
42	418	\$169000.00	\$3008.20	\$2535.00	\$5543.20	Family Housing - Duplex (CE)
43	419	\$165000.00	\$2974.40	\$2475.00	\$5449.40	Family Housing - Duplex (CE)
44	420	\$163000.00	\$3008.20	\$2445.00	\$5453.20	Family Housing - Duplex (CE)
45	421	\$75000.00	\$0.00	\$1125.00	\$1125.00	Monument by chapel area (CE)
46	422	\$165000.00	\$2974.40	\$2475.00	\$5449.40	Family Housing - Duplex (CE)

B S AFB SUPPORT FACILITIES - March 18, 1995

	A	B	C	D	E	F	G
4 7	BUILDING #	SQUARE FEET	REPLACEMENT COST	UTILITY COST	UPKEEP COST	TOTAL U + U	ORGANIZATION
4 8	423	2428	\$165000.00	\$3156.40	\$2475.00	\$5631.40	
4 9	424	2707	\$163000.00	\$3519.10	\$2445.00	\$5964.10	Family Housing - Duplex (CE)
5 0	426	2428	\$165000.00	\$3156.40	\$2475.00	\$5631.40	Family Housing - Duplex (CE)
5 1	427	2288	\$166000.00	\$2974.40	\$2490.00	\$5464.40	Family Housing - Duplex (CE)
5 2	428	2314	\$170000.00	\$3008.20	\$2550.00	\$5524.40	Family Housing - Duplex (CE)
5 3	429	2434	\$165000.00	\$3164.20	\$2475.00	\$5639.20	Family Housing - Duplex (CE)
5 4	430	2934	\$165000.00	\$3814.20	\$2475.00	\$6289.20	Family Housing - Duplex (CE)
5 5	431	2562	\$164000.00	\$3330.60	\$2460.00	\$5790.60	Family Housing - Duplex (CE)
5 6	432	2934	\$163000.00	\$3814.20	\$2445.00	\$6259.20	Family Housing - Duplex (CE)
5 7	433	2593	\$163000.00	\$3370.90	\$2445.00	\$5815.90	Family Housing - Duplex (CE)
5 8	434	3049	\$165000.00	\$3963.70	\$2475.00	\$6438.70	Family Housing - Duplex (CE)
5 9	436	2894	\$163000.00	\$3762.20	\$2445.00	\$6207.20	Family Housing - Duplex (CE)
6 0	437	5310	\$769000.00	\$6903.00	\$11535.00	\$18438.00	Family Housing - Duplex (CE)
6 1	438	2934	\$165000.00	\$3814.20	\$2475.00	\$6289.20	Multi Purpose Facility (DP)
6 2	439	2894	\$164000.00	\$3762.20	\$2460.00	\$6222.20	Family Housing - Duplex (CE)
6 3	440	2562	\$169000.00	\$3330.60	\$2535.00	\$5865.60	Family Housing - Duplex (CE)
6 4	441	2593	\$165000.00	\$3370.90	\$2475.00	\$5845.90	Family Housing - Duplex (CE)
6 5	442	2894	\$172000.00	\$3762.20	\$2580.00	\$6342.20	Family Housing - Duplex (CE)
6 6	443	2021	\$107000.00	\$3411.20	\$2505.00	\$5916.20	Family Housing - Duplex (CE)
6 7	444	2314	\$169000.00	\$3008.20	\$2535.00	\$5543.20	Family Housing - Duplex (CE)
6 8	445	2314	\$169000.00	\$3008.20	\$2535.00	\$5543.20	Family Housing - Duplex (CE)
6 9	446	2288	\$170000.00	\$2974.40	\$2550.00	\$5524.40	Family Housing - Duplex (CE)
7 0	447	2314	\$167000.00	\$3008.20	\$2505.00	\$5513.20	Family Housing - Duplex (CE)
7 1	448	2314	\$165000.00	\$3008.20	\$2475.00	\$5483.20	Family Housing - Duplex (CE)
7 2	449	2428	\$165000.00	\$3156.40	\$2475.00	\$5631.40	Family Housing - Duplex (CE)
7 3	450	2707	\$166000.00	\$3519.10	\$2490.00	\$6009.10	Family Housing - Duplex (CE)
7 4	451	2428	\$167000.00	\$3156.40	\$2505.00	\$5661.40	Family Housing - Duplex (CE)
7 5	452	2288	\$165000.00	\$2974.40	\$2475.00	\$5449.40	Family Housing - Duplex (CE)
7 6	453	2707	\$172000.00	\$3519.10	\$2580.00	\$6099.10	Family Housing - Duplex (CE)
7 7	454	2314	\$166000.00	\$3008.20	\$2490.00	\$5498.20	Family Housing - Duplex (CE)
7 8	455	2314	\$169000.00	\$3008.20	\$2535.00	\$5543.20	Family Housing - Duplex (CE)
7 9	456	2288	\$171000.00	\$2974.40	\$2565.00	\$5539.40	Family Housing - Duplex (CE)
8 0	457	2314	\$172000.00	\$3008.20	\$2580.00	\$5588.20	Family Housing - Duplex (CE)
8 1	458	2314	\$169000.00	\$3008.20	\$2535.00	\$5543.20	Family Housing - Duplex (CE)
8 2	459	2314	\$176000.00	\$3008.20	\$2640.00	\$5648.20	Family Housing - Duplex (CE)
8 3	460	2314	\$164000.00	\$3008.20	\$2460.00	\$5468.20	Family Housing - Duplex (CE)
8 4	461	2428	\$164000.00	\$3156.40	\$2460.00	\$5616.40	Family Housing - Duplex (CE)
8 5	462	2707	\$167000.00	\$3519.10	\$2505.00	\$6024.10	Family Housing - Duplex (CE)
8 6	463	2428	\$171000.00	\$3156.40	\$2565.00	\$5721.40	Family Housing - Duplex (CE)
8 7	464	2288	\$169000.00	\$2974.40	\$2535.00	\$5509.40	Family Housing - Duplex (CE)
8 8	465	2314	\$166000.00	\$3008.20	\$2490.00	\$5498.20	Family Housing - Duplex (CE)
8 9	466	2314	\$165000.00	\$3008.20	\$2475.00	\$5483.20	Family Housing - Duplex (CE)
9 0	467	2314	\$163000.00	\$3008.20	\$2445.00	\$5453.20	Family Housing - Duplex (CE)
9 1	468	2314	\$165000.00	\$3008.20	\$2475.00	\$5483.20	Family Housing - Duplex (CE)
9 2	470	4399	\$1009000.00	\$5718.70	\$15135.00	\$20853.70	Youth Center (SV)

CS AFB SUPPORT FACILITIES - March 18, 1995

93	A	B	C	D	E	F	G
	BUILDING #	SQUARE FEET	REPLACEMENT COST	UTILITY COST	UPKEEP COST	TOTAL U + U	ORGANIZATION
94	479	1895	\$106000.00	\$2463.50	\$1590.00	\$4053.50	Family Housing - Single Unit (CE)
95	480	1895	\$106000.00	\$2463.50	\$1590.00	\$4053.50	Family Housing - Single Unit (CE)
96	481	1895	\$106000.00	\$2463.50	\$1590.00	\$4053.50	Family Housing - Single Unit (CE)
97	482	2262	\$108000.00	\$2940.60	\$1620.00	\$4560.60	Family Housing - Single Unit (CE)
98	483	2110	\$118000.00	\$2743.00	\$1770.00	\$4513.00	Family Housing - Single Unit (CE)
99	484	1895	\$106000.00	\$2463.50	\$1590.00	\$4053.50	Family Housing - Single Unit (CE)
100	485	1895	\$111000.00	\$2463.50	\$1665.00	\$4128.50	Family Housing - Single Unit (CE)
101	486	1524	\$96000.00	\$1981.20	\$1440.00	\$3421.20	Family Housing - Single Unit (CE)
102	487	1467	\$89000.00	\$1907.10	\$1335.00	\$3242.10	Family Housing - Single Unit (CE)
103	488	1524	\$94000.00	\$1981.20	\$1410.00	\$3391.20	Family Housing - Single Unit (CE)
104	489	1524	\$97000.00	\$1981.20	\$1455.00	\$3436.20	Family Housing - Single Unit (CE)
105	490	1467	\$90000.00	\$1907.10	\$1350.00	\$3257.10	Family Housing - Single Unit (CE)
106	491	1524	\$95000.00	\$1981.20	\$1425.00	\$3406.20	Family Housing - Single Unit (CE)
107	492	1524	\$95000.00	\$1981.20	\$1425.00	\$3406.20	Family Housing - Single Unit (CE)
108	493	1467	\$91000.00	\$1907.10	\$1365.00	\$3272.10	Family Housing - Single Unit (CE)
109	494	1524	\$95000.00	\$1981.20	\$1425.00	\$3406.20	Family Housing - Single Unit (CE)
110	495	1524	\$94000.00	\$1981.20	\$1410.00	\$3391.20	Family Housing - Single Unit (CE)
111	496	1524	\$95000.00	\$1981.20	\$1410.00	\$3391.20	Family Housing - Single Unit (CE)
112	497	1524	\$94000.00	\$1981.20	\$1410.00	\$3391.20	Family Housing - Single Unit (CE)
113	498	1524	\$92000.00	\$1981.20	\$1380.00	\$3361.20	Family Housing - Single Unit (CE)
114	499	129	\$13000.00	\$167.70	\$195.00	\$362.70	Pavilion (CE)
115	502	8801	\$1001687.00	\$11441.30	\$15025.30	\$26466.61	Child Care Facility (SV)
116	510	3150	\$248000.00	\$4095.00	\$3720.00	\$7815.00	Family Housing Management Office (CE)
117	511	5368	\$230000.00	\$6978.40	\$3450.00	\$10428.40	Family Support and Social Action (CC)
118	514	196	\$82000.00	\$254.80	\$1230.00	\$1484.80	Water Pump Station (CE)
119	516	0	\$134000.00	\$0.00	\$2010.00	\$2010.00	Monument/Mamorial F-100 (CE)
120	517	0	\$24000.00	\$0.00	\$360.00	\$360.00	Flag Pole (CE)
121	531	3314	\$4280000.00	\$4308.20	\$64200.00	\$68508.20	Security Police (SP)
122	537	5008	\$1873000.00	\$6510.40	\$28095.00	\$34605.40	Comptroller (FM)
123	538	5422	\$2950000.00	\$7048.60	\$44250.00	\$51298.60	Base Commander (registered historic building) (CC)
124	556	1560	\$27000.00	\$2028.00	\$405.00	\$2433.00	Systems Acquisition School
125	557	1560	\$28000.00	\$2028.00	\$420.00	\$2448.00	Systems Acquisition School
126	558	10623	\$3923000.00	\$13809.90	\$58845.00	\$72654.90	Systems Acquisition School
127	562	0	\$77000.00	\$0.00	\$1155.00	\$1155.00	Tennis Court (CE)
128	570	29979	\$2640000.00	\$38972.70	\$39600.00	\$78572.70	Consolidated Personnel Center (DP)
129	613	8904	\$1928000.00	\$11575.20	\$28920.00	\$40495.20	Communication Facility (SC)
130	614	720	\$4000.00	\$936.00	\$60.00	\$996.00	Ambulance Shelter (SG)
131	615	19712	\$2462000.00	\$25625.60	\$36930.00	\$62555.60	Clinic (SG)
132	616	400	\$23000.00	\$520.00	\$345.00	\$865.00	Gas Meter Facility (CE)
133	618	2160	\$273000.00	\$2808.00	\$4095.00	\$6903.00	Command Post, Disaster Preparedness (CC)
134	619	8766	\$1192000.00	\$11395.80	\$17880.00	\$29275.80	Communication Facility (SC)
135	622	1125	\$147000.00	\$1462.50	\$2205.00	\$3667.50	Clinic Bioenvironmental Health (SG)
136	624	14600	\$325000.00	\$18980.00	\$4875.00	\$23855.00	Currently Occupied By AFCEE (CE)
137	625	6860	\$162000.00	\$8918.00	\$2430.00	\$11348.00	Currently Occupied by Contracting - backfill USAFSAM
138	626	14700	\$296000.00	\$19110.00	\$4440.00	\$23550.00	Currently Occupied by Contracting - backfill USAFSAM

A	B	C	D	E	F	G	
BUILDING #	SQUARE FEET	REPLACEMENT COST	UTILITY COST	UPKEEP COST	TOTAL U + U	ORGANIZATION	
139	627	12096	\$271000.00	\$15724.80	\$4065.00	\$19789.80	ORGANIZATION
140	628	3220	\$741000.00	\$4186.00	\$11115.00	\$15301.00	Currently Occupied By AFCEE (CE)
141	638	2767	\$844000.00	\$3597.10	\$12660.00	\$16257.10	Currently occupied by Staff Judge Advocate (CE)
142	639	2240	\$214000.00	\$2912.00	\$3210.00	\$6122.00	Civil Engineering Administration (CE)
143	640	7893	\$1138000.00	\$10260.90	\$17070.00	\$27330.90	Civil Engineering Administration (CE)
144	641	9267	\$2156000.00	\$12047.10	\$32340.00	\$44387.10	Fire Station (CE)
146	642	9992	\$265000.00	\$12989.60	\$3975.00	\$16964.60	Civil Engineering Storage, Self Help (CE)
147	649	10800	\$4677000.00	\$14040.00	\$70155.00	\$84195.00	ABG (Currently Occupied By AFCEE)
148	660	9939	\$1922000.00	\$12920.70	\$28830.00	\$41750.70	Civil Engineering Environmental (CE)
149	661	33810	\$2565000.00	\$0.00	\$0.00	\$0.00	Bowling Center, Recreation Center (SV)
150	662	1350	\$1379000.00	\$0.00	\$0.00	\$0.00	Commissary
151	663	3000	\$891000.00	\$0.00	\$0.00	\$0.00	Eisenhower Bank
152	703	9072	\$5087000.00	\$11793.60	\$13365.00	\$25158.60	Randolph-Brooks Credit Union
153	704	26332	\$5087000.00	\$0.00	\$0.00	\$0.00	Dormitory (female) - plan to use Bldg 719
154	705	9579	\$1199000.00	\$12452.70	\$0.00	\$0.00	Base Exchange Store
155	709	3998	\$260000.00	\$5197.40	\$17985.00	\$30437.70	Base Library (SV)
156	710	2006	\$153000.00	\$2607.80	\$2295.00	\$9097.40	Swimming Pool (SV)
157	714	11767	\$2703000.00	\$15297.10	\$40545.00	\$55842.10	Swimmers Bath House (SV)
158	726	1533	\$408000.00	\$2480.40	\$7020.00	\$9500.40	Recreation Center (SV)
159	749	7330	\$3586000.00	\$9529.00	\$53790.00	\$63319.00	Post Office (SV)
160	811	480	\$21000.00	\$0.00	\$0.00	\$0.00	Communications Facility (SC)
161	815	130	\$405000.00	\$169.00	\$6075.00	\$6244.00	Golf Club Lockers - non appropriated funding (SV)
162	818	127	\$8000.00	\$165.10	\$120.00	\$285.10	Sewage Pump Station (CE)
163	821	5592	\$319000.00	\$0.00	\$0.00	\$0.00	Telephone Facility (SC)
164	951	1200	\$169000.00	\$1560.00	\$2535.00	\$4095.00	Golf Club House - non appropriated funding (SC)
165	1025	4380	\$44000.00	\$5694.00	\$660.00	\$6354.00	Security Police Working Dog Kennel (SP)
166	1030	200	\$29000.00	\$260.00	\$435.00	\$695.00	Riding Stable (SV)
167	1106	21912	\$2368000.00	\$28485.60	\$35520.00	\$64005.60	Hazardous Storage (CE)
168	1107	2000	\$94000.00	\$2600.00	\$1410.00	\$4010.00	Vehicle Maintenance Facility (LG)
169	1108	307	\$68000.00	\$399.10	\$1020.00	\$1419.10	Vehicle Maintenance Wash Rack (LG)
170	1110	0	\$148000.00	\$0.00	\$2220.00	\$2220.00	Vehicle Service Station (LG)
171	1115	0	\$62000.00	\$0.00	\$930.00	\$930.00	Gasoline Storage Facility (LG)
172	1130	26055 sq yds	\$217000.00	\$0.00	\$3255.00	\$3325.00	Diesel Storage Facility (LG)
173	1131	3 acres	\$152000.00	\$0.00	\$2280.00	\$2280.00	Open Storage for Logistics (LG)
174	1132	2 acres	\$100000.00	\$0.00	\$1500.00	\$1500.00	Open Storage for Logistics (LG)
175	1133	360	\$37000.00	\$468.00	\$555.00	\$1023.00	Softball Field (SV)
176	1134	5000	\$209000.00	\$6500.00	\$3135.00	\$9635.00	Recreation Pavilion (SV)
177	1135	1600	\$127000.00	\$2080.00	\$1905.00	\$3985.00	Household Goods Storage (SV)
178	1136	400	\$56000.00	\$520.00	\$840.00	\$1360.00	Hazardous Storage (CE)
179	1137	21788 sq yds	\$6000.00	\$0.00	\$0.00	\$0.00	Recreation Pavilion (SV)
180	1149	1825	\$150000.00	\$2372.50	\$2250.00	\$4622.50	Open Storage for Private Vehicles (SV)
181	1150	52592	\$11907000.00	\$68369.60	\$178605.00	\$246974.60	Logistics Hazardous Storage (LG)
182	1151	124	\$16000.00	\$161.20	\$240.00	\$401.20	Base Supply & Warehouse (LG)
183	1152	360	\$154000.00	\$468.00	\$2310.00	\$2778.00	Arts & Crafts Center (SV)
184	1153	1200	\$51000.00	\$1560.00	\$765.00	\$2325.00	Logistics Hazardous Storage (LG)

KS AFB SUPPORT FACILITIES - March 18, 1995

	A	B	C	D	E	F	G
185	BUILDING #	SQUARE FEET	REPLACEMENT COST	UTILITY COST	UPKEEP COST	TOTAL U + U	ORGANIZATION
186	1154	5910	\$959000.00	\$7683.00	\$14385.00	\$22068.00	Skills Development Center (SV)
187	1155	18980	\$1911000.00	\$24674.00	\$28665.00	\$53339.00	Currently Occupied By AFCEE (CE)
188	1156	13004	\$1635000.00	\$16905.20	\$24525.00	\$41430.20	Civil Engineering Facility (CE)
189	1157	4860	\$384000.00	\$6318.00	\$5760.00	\$12078.00	Auto Hobby Shop (SV)
190	1160	6520	\$329000.00	\$8476.00	\$4935.00	\$13411.00	Currently Occupied By AFCEE (CE)
191	1161	8680	\$192000.00	\$11284.00	\$2880.00	\$14164.00	Currently Occupied By AFCEE (CE)
192	1163	10655	\$927000.00	\$13851.50	\$13905.00	\$27756.50	Civil Engineering Facility (CE)
193	1164	13825	\$927000.00	\$17972.50	\$13905.00	\$31877.50	Civil Engineering Facility (CE)
194	1166	9600	\$218000.00	\$12480.00	\$3270.00	\$15750.00	Civil Engineering Facility (CE)
195	1176	747	\$272000.00	\$971.10	\$4080.00	\$5051.10	Security Police Armory (SP)
196	1190	0	\$16000.00	\$0.00	\$240.00	\$240.00	Recreational Facility (Skeet range) (SV)
197	1194	10 acres	\$18000.00	\$0.00	\$270.00	\$270.00	Family Campground (SV)
198	1195	10000	\$239000.00	\$13000.00	\$3585.00	\$16585.00	Logistics Warehouse (LG)
199	1198	1512	\$103000.00	\$1965.60	\$1545.00	\$3510.60	Multi-Purpose Recreation (SV)
200	1199	32150 feet	\$490000.00	\$0.00	\$0.00	\$0.00	Fence, Boundary (CE)
201	TOTALS	864759	\$108615687.00	\$1012612.90	\$1416895.31	\$2429508.20	

The San Antonio cantonment strategy is built on the following concept of operations:

- BROOKS AFB. Brooks AFB would be closed. A small portion of the base (approximately 15%) would be retained as a cantonment area. The remaining 85% would be made available for reuse. A conceptual drawing of the cantonment area is attached. However, it is only a concept; the actual boundaries would be determined by the Air Force. AFCEE would move into its new facility which would remain as a stand alone building in the reuse area. The few other activities that are presently located outside the cantonment area could remain as stand-alone activities or be moved into the cantonment.
- THE MISSIONS. HSC, AL, USAFSAM, AFCEE, AND HSC/YA would be retained in their present configurations. They would occupy their current facilities thereby negating the requirement for \$103 million of new military construction at Wright Patterson and Tyndall AFBs and \$82 million in movement, personnel, overhead, other, and one-time unique costs.
- BOS. Base operating support would be provided by Kelly AFB or Lackland AFB which are only 14 miles away. A detailed analysis of the support functions is attached. It shows a savings of 423 manpower spaces (Note: 391 was used in the briefing to the Commission and the COBRA runs to avoid confusion). Family housing was not retained in this proposal because additional family housing was not provided at Wright Patterson and Tyndall in the DOD proposal; however, it could be retained without substantially altering the savings. Minimal non-mission facilities were retained in the proposal making the Brooks Cantonment analogous to Wright Field (Area B) in the DOD proposal. The facilities closure factor was based on a building-by-building review. Fire response service would be provided by the City at a cost of \$70,000 per year.
- RPMA. Real property maintenance costs were developed using the "Real Property Replacement Costs" report (which was obtained under the Freedom of Information Act). This report was used to calculate the annual upkeep and repair costs and the utility costs. These data are also attached.
- MILITARY CONSTRUCTION. Five million dollars in military construction costs were included in the proposal for perimeter fencing and minor construction to facilitate moving a few activities from the reuse area into the cantonment. An additional one million dollars was included for minor modifications at Kelly or Lackland to accommodate the added BOS personnel.



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE

03 MAY 1995



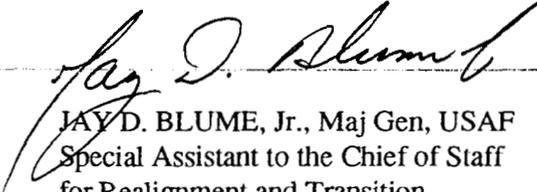
MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Brooks AFB Cantonment (COBRA Taskers Update (RT Taskers 378 & 481) 96

We are in the process of responding to your FAXs of April 20, 1994 (Tasker 950420-2) and May 3, 1995 (Tasker 950504-3). We have found serious miscalculations in the ~~initial data package~~ submittal to us. Upon receipt of the designated command's final submission, it will need to be fully coordinated within the Air Force so we will be unable to meet your suspense of 8 May, 1995 for this COBRA. Additionally, we have been tasked to provide a COBRA for a community version of a Brooks AFB cantonment with a suspense of May 15, 1995. Please note we believe there is a conflict between the first two assumptions with Brooks AFB being cantoned within 15% of the base and having HSC, Armstrong Lab, USAF School of Aerospace Medicine, AFCEE, and HSC/YA retained in their current configurations. We assure you any such conflicts will be resolved prudently. Both the Air Force and Community COBRAs on a Brooks AFB cantonment will be provided NLT May 15, 1995.

I trust this responds to your request. Maj Mike 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



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE

11 9 MAY 1995



MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Brooks AFB Cantonment COBRA Taskers Update (RT Taskers 378 & 481)

We are still in the process of responding to your taskers of April 20, 1995 (950420-2) and May 3, 1995 (950504-3). We will need to again postpone the delivery beyond our May 19, 1995 suspense. We appreciate your understanding in this matter. Both the Air Force and Community COBRAs on the Brooks AFB cantonment will be provided NLT the afternoon of May 23, 1995.

Maj Mike Wallace, 695-6766, is my point of contact. Please call if you have any questions.

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



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

ALAN J. DIXON, CHAIRMAN

April 19, 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 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

97
Please refer to this number
when recording 950420-3

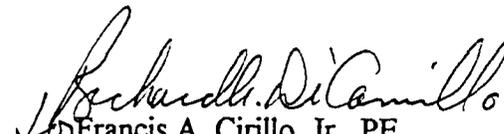
Dear General Blume:

We request you conduct some alternative COBRA runs on Homestead AFB. We would like three different COBRA runs with the following assumptions.

- a. Relocate 301 RQS from Patrick AFB to Homestead AFB.
- b. Close Homestead AFB and deactivate 482 FW.
- c. Close Homestead AFB and relocate 482 FW to MacDill AFB.

To assist the Commission in its work, we request this information to be provided by May 5, 1995. Thank you for your assistance in this matter.

Sincerely,


Francis A. Cirillo, Jr., PE
Air Force Team Leader

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950420-3

FROM: CIRILLO, Frank	TO: BLUME, JAG
TITLE: AF TEAM LEADER	TITLE: SPECIAL ASST
ORGANIZATION: DBRC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (S) DISCUSSED: HOMESTEAD AFB	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INT	COMMISSION MEMBERS	FYI	ACTION	INT
CHAIRMAN DIXON				COMMISSIONER CORNELLA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR				COMMISSIONER DAVIS			
GENERAL COUNSEL	✓			COMMISSIONER KLING			
MILITARY EXECUTIVE				COMMISSIONER MONTOKA			
				COMMISSIONER ROBLES			
DIR./CONGRESSIONAL LIAISON				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	✓		
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER			
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
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:
 REQUESTING ALTERNATIVE COBRA RUNS ON HOMESTEAD AFB.

Due Date: 950505 | Routing Date: 950420 | Date Originated: 950419 | Mail Date: 950420



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

ALAN J. DIXON, CHAIRMAN

April 19, 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 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 conduct some alternative COBRA runs on the 301st Fighter Wing, NAS Ft Worth (Carswell). We would like two different COBRA runs with the following assumptions.

- a. Deactivate 301 FW, NAS Ft. Worth.
- b. Relocate 301 FW to Bergstrom ARS.

To assist the Commission in its work, we request this information to be provided no later than May 5, 1995. Thank you for your assistance in this matter.

Sincerely,

Richard H. DiCamillo
Francis A. Cirillo, Jr., PE
Air Force Team Leader

98
Please refer to this number
when responding 950400- 4

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950420-4

FROM: CIRILLO, FRANK	TO: BLUME, JAY
TITLE: AF TEAM LEADER	TITLE: SPECIAL ASST.
ORGANIZATION: DBRC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (S) DISCUSSED: WAS FT WORTH (CARSWELL)	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INT	COMMISSION MEMBERS	FYI	ACTION	INT
CHAIRMAN DIXON				COMMISSIONER CORNELLA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR				COMMISSIONER DAVIS			
GENERAL COUNSEL	✓			COMMISSIONER KLING			
MILITARY EXECUTIVE				COMMISSIONER MONTOYA			
				COMMISSIONER ROBLES			
DIR. CONGRESSIONAL LIAISON				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	✓		
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER			
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
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:

REQUESTING ALTERNATIVE COBRA RUNS ON 301ST
~~FIGHTER~~ FIGHTER WING, WAS FT WORTH (CARSWELL).

Due Date: 950505 | Routing Date: 950420 | Date Originated: 950419 | Mail Date: 950420



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

1700 NORTH MOORE STREET SUITE 1425

ARLINGTON, VA 22209

703-696-0504

ALAN J. DIXON, CHAIRMAN

April 19, 1995

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

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

⁹⁹
Please refer to this number

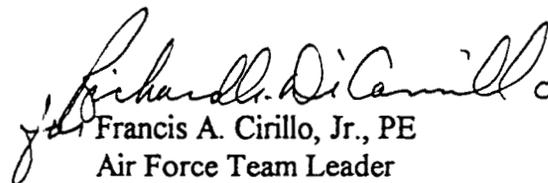
when responding 950420-5

Dear General Blume:

We request you review the COERA run closing Bergstrom ARS. Our analysis of the certified COBRA run (scenario file BEFGSTRO.CBR) has identified two areas of particular concern. First, the overhead (RPMA non-payroll, communications, BOS non-payroll) for Bergstrom is \$9.16 M for 357 people and only \$5.35 M to support 420 people at Carswell. The higher cost (approximately 75% higher) to support fewer people at Bergstrom appears inconsistent. Second, the summary of the scenario states that the force structure change is not taken as BRAC savings, however screer 6 reflects 263 civilian authorizations eliminated as a scenario change. This input generates an annual salary savings of \$12.3 M. This result appears inconsistent with the scenario description. We would appreciate your comments on both findings.

To assist the Commission in its work, we request this information to be provided by May 5, 1995. Thank you for your assistance in this matter.

Sincerely,


Francis A. Cirillo, Jr., PE
Air Force Team Leader

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950420-5

FROM: CIRILO, FRANK	TO: BLUME, JAY
TITLE: AF TEAM LEADER	TITLE: SPECIAL ASST
ORGANIZATION: DBCRC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (S) DISCUSSED: BERGSTROM, ARS	

OFFICE OF THE CHAIRMAN	COMMISSION MEMBERS
FYI	FYI
ACTION	ACTION
INT	INT

CHAIRMAN DIXON	COMMISSIONER CORNELLA		
STAFF DIRECTOR	COMMISSIONER COX	✓	
EXECUTIVE DIRECTOR	COMMISSIONER DAVIS		
GENERAL COUNSEL	COMMISSIONER KLING	✓	
MILITARY EXECUTIVE	COMMISSIONER MONTYA		
	COMMISSIONER ROYLES		
	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	✓	
CHIEF FINANCIAL OFFICER	INTERAGENCY TEAM LEADER		
DIRECTOR OF TRAVEL	CROSS SERVICE TEAM LEADER		
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:

REQUEST. ~~RE~~ AIR FORCE REVIEW. CORBA Run CLOSURE BERGSTROM. CONCERN OVER OVERTHEAD FIGURES AND FORCE STRUCTURE CHANGE NUMBERS

Due Date: 950505

Routing Date: 950419

Date Originated: 950419

Mail Date: 950420

Document Separator



DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

May 15, 1995

147
Please return to this number
when contacted in 950516-4

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:

Please provide focused COBRA runs for following 2 scenarios:

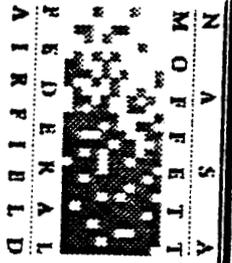
- (1) Closure of Minneapolis-St. Paul IAP Air Reserve Station, including deactivation of the unit and distribution of its aircraft to DoD bins ARB and Peterson AFB. Other receiver bases may be used, if appropriate.
- (2) Modify COBRA run on closure of Moffett Federal Airfield AGS and relocation of unit to McClellan AFB by excluding personnel and base operating support costs which would be passed on to NASA/Ames Research Center, as it will continue to operate Moffett Federal Airfield. Specific costs, as provided by NASA/Ames-Research Center, are attached.

In order to assist the Commission, I would appreciate the data no later than June 1. If you have any questions regarding this request, please contact Craig Hall at 703/696-0504. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

Attachment



Base Operational Support Impact of 129th Rescue Group Relocation on NASA (\$K)

	NASA		
	Cost to CANG	Cost to Replace	Increase
BOS Labor Provided by CANG			
Fire Protection (Includes vehicle maint)	1,748	2,520	772
Air Traffic Control	650	1,105	455
Security	680	770	90
Totals	3,078	4,395	1,317
CANG BOS Cost Contribution		1,460	<u>1,460</u>
Total Cost Impact on NASA*			2,777

Costs shown are for labor only, therefore they do not include supply or equipment costs
 Replacement costs higher than CANG costs due to contract vice government performance
 NASA not permitted State employees
 Increase in NASA civil service complement not permitted

* Shared by DOD Resident Agencies

Aus (GCH)

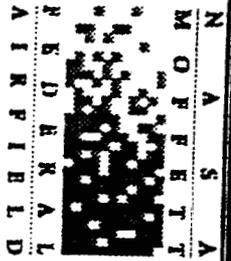
415/104-0912

Duplication of Effort

Created by 129th Rescue Group

Relocation to McClellan Air Force Base

Function	(WorkYears)			Increase
	Current	To McClellan	Replace	
Fire Protection				
State Employees	36	0	40	4
Civil Servants	4	0	0	-4
Fire Vehicle Maintenance	2	0	2	0
Air Traffic Control	13	0	13	0
Security	17	17	14	$\frac{14}{14}$
Net Increase in Workyears				770
Cost to Government of Increase in Workyears				1,227
Increased Cost to Government of Fire & ATC Workyears				\$1,997K
Total increase in "Cost to Government"				



Issues/Questions Raised by General Moorman's Letter Regarding the 129th Rescue Group

General Moorman's assumption that NASA may retain State employee positions is incorrect

General Moorman's assumption that NASA may retain Guard CS positions is incorrect.

The Air Guard contribution to Moffett BOS costs is \$1,460K, not \$450K

NASA does reimburse CANG for Security workyears

Air Guard does not pay "Joint Use Airfield Management Fees" They pay their share of BOS

Air Guard facilities at Moffett Federal Airfield significantly exceed BRAC assumptions

CANG Impact on NASA (Rev1)

With GG's analysis added in										
Category	Number of Employees	Cost (\$K)	Avg \$/WY	Cost (\$K)	ARC Actual CANG Reimb	Charge to ARC Avg \$/WY	Estimated Cost For ARC to Replace			
Fire Protection										
-4 Title V Civil Service Positions	4	188	47							
-36 State Employees	36	1,470	41							
-2 Fire vehicle maintenance techs	2	92	46							
		1,748	42	1,748	3,054	56	3,500	Contract with City		
Security										
-17 Enlisted Active Duty	17	681	40	681	860	51	920	14 wkys @ 55K+150K ops		
Air Traffic Control										
-13 Title V Employees	13	650	50	650	1,068	82	1,205	13 wkys @ 85K+100K ops		
Joint Share of Airfield Mgmt Fees		450		1,460			1,460			
TOTAL COST		3,529		4,539	0		7,085	Total NASA Cost to Replace		
Reimbursed by NASA**		2,398		4,982			4,982	Current Cost to NASA		
Total Cost to ANG less Reimbursement from NASA		1,131		-443	4,982		2,103	Net Increase Cost to NASA*		
** reimbursed by NASA includes										
Civil Service Fire Fighters	188.1									
State Employee Fire Fighters	1470.1									
Active Duty Security Guards	0									
Air Traffic Controllers	650									
Vehicle Maintenance Techs	91.5									
	2397.7									
Issues										
1. Is it possible General Moorman's NASA reimbursement figures are intended to exclude amounts paid by other RAs										
2. General Moorman appears to be assuming NASA has the choice of retaining the 36 CANG firefighters if we're willing to pay for them. Is that true?										
3. What is being suggested by 'grandfathered' Title V (CS) positions? Will the Guard keep them on their own roles until the incumbents retire?										
4. If General Moorman's work year costs are correct, the Guard is charging NASA way too much money.										
5. General Moorman appears to be assuming NASA can 'retain' the 13 Air Traffic Controller positions currently belonging to the CANG. I believe that's not true										
6. The Air Guard's share of cost sharing pools is \$1,460, not \$450										
7. 'Joint Use Airfield management fees' seems very pejorative and misleading. These costs are CANG's fair share of actual BOS costs. Not some additional management fee.										

CANG Impact on NASA (Rev1)

CANG 129th Rescue Group Claimed Reimbursement vs Actual reimbursement			
Category	Number of Employees	CANG Claimed Cost (\$K)	FY-95 Reimb to CANG (\$K)
Fire Protection			
Title V Civil Service Positions	4	186	
State Employees	36	1,470	
Fire vehicle maintenance techs	2	92	
Total fire protection labor		1,748	2,462
Fire Protection non-labor cost			512
			2,974
Security			
Enlisted Active Duty	17	681	797
Security non-labor cost			64
Total Security Cost		681	861
Air Traffic Control			
Title V Employees	13	650	847
ATC non Labor Cost			221
Total ATC Cost			1,068
Joint Share of Afd Mgt Fee		450	1,460
TOTAL COST		3,529	5,786 ***
Reimbursed by NASA**		2,398	4,902
Total Cost to CANG less Reimbursement from NASA		1,131	884
GEN Moorman's Claim Includes		*Includes GEN Moorman's labor costs plus 129th non-labor cost figures	
Civil Service Fire Fighters	186.1		
State Employee Fire Fighters	1470.1		
Active Duty Security Guards	0		
Air Traffic Controllers	650		
Vehicle Maintenance Techs	91.5		
	2397.7		

Airfield Operations Shared Pool Cost Estimate 9/1/93

Function	CANG			Total Cost
	Labor/ops	Equipment	ARC Perf	
Air Traffic Control				
Labor for 16 hours / 365 Days	847			847
ATC Equipment		180		180
Vehicles		8		8
Training/Certifications	11			11
Travel	10			10
Expendables	12			12
Fees (\$103.00 per year)	0			0
Facilities Ops (Supplied by NASA)	0			0
Total Air Traffic Control Costs	880	188	0	1,068
Crash Fire Rescue (CANG Estimate)				
Labor for 24 hours / 365 days	1,150			1,150
Fire Suppression Equipment		108		108
Vehicles		157		157
Training/certifications	15			15
Travel	6			6
Expendables: Ofc supplies, Postage, Communications, etc.	10			10
Fees, Licences (\$325.00 per year)	0			0
Facilities Janitorial, Maint/Upgrades/Phones	15			15
Total Crash Fire Rescue Costs	1,196	265	0	1,461
Airfield Security/Law Enforcement (CANG Performs Security 2 patrols)				
Labor 2 patrols, 24 hrs / 365 days	797			797
Airfield Security - Equipment		8		8
Vehicles		26		26
Training/Certifications	7			7
Travel	1			1
Expendables	3			3
Fees, Licences (\$155.00 per year)	0			0
Facilities	19			19
Total Airfield Security Costs	827	34	0	861
Airfield Maintenance				
Field & Lighting inspection, runway sweeping, relamping			200	200
Painting/ Rubber removal			90	90
Weed abatement/vegetation control			70	70
Storm Drain Maintenance			30	30
Pavement Maintenance			170	170
Overhead and minor repair materials/tools			114	114
Total Airfield Maintenance Costs			674	674

Institutional Shared Pool Cost Estimate 9/1/93

<u>Function</u>	<u>Labor/ops</u>	<u>Equipment</u>	<u>Total Cost</u>
Structural Fire Protection Pool	755		
Labor for 24 hours / 365 days	656		656
Fire Suppression Equipment		43	43
Vehicles		35	35
Training/certifications	8		8
Travel	3		3
Expendables: Ofc supplies, Postage, Communcations, etc.	4		4
Fees, Licenses (\$140.00 per year)	0		0
Facilities Janitorial, Maint/Upgrades/Phones	8		8
Fire Inspection Requirements not performed by CANG	50		50
Total Structural Fire Protection Costs	728	78	805
Security/Emergency Services Pool			
Lt. Supervisor	145		145
Police Officer	295		295
Investigator	52		52
Security Officer	255		255
Dispatcher	143		143
Security Specialist	55		55
Admin Clerk	120		120
Locksmith	47		47
Emergency Coord/Specialist	55		55
Operations Planner	25		25
Other Direct Costs (need to separate out Equipment)	50		50
Overtime (Premium included)	132		132
Training	37		37
Contract Management	145		145
Total Security Services Costs	1,556	0	1,556
Infrastructure Pool			
Infrastructure O & M			
Electric Grid	243		243
Water Svstem	101		101
Sanitary Sewer	81		81
Storm Drain Svstem	31		31
Gas Svstem	81		81
Compressed Air Svstem	20		20
Grounds	465		465
Roads	265		265
Trouble Calls	81		81
Minor repairs	140	0	140
O & M Management and Administration	88		88
Direct Utility Usage	60		60
Steam System portion of Infrastruction O&M	-22		-22
Airfield Portion of Infrastructure O&M	-66		-66
Facility Engineering	200		200
Total Infrastructure O & M Costs	1,768	0	1,768

CANG bld.

California Air National Guard									
Bldg #	Type	Weighting Factors			Description	Units In Sq.Ft		Annual ISP Cost (\$K)	Cost per Sq. ft.
		Inst/En	Fire	Sec		Office	Hangar/Str		
47	Admin	1.0	1.0	1.0	Hangar 3	43,159		124.2	\$2.88
47	Maint	1.0	0.9	0.5	Hangar 3		63,336	153.2	\$2.42
47	Hangar	0.5	0.9	0.5	Hangar 3		48,000	74.1	\$1.54
680	Admin	1.0	1.0	1.0	ANG Headquarters Building	18,564		53.4	\$2.88
681	Storage	0.5	0.9	0.5	Base Supply Equipment		30,720	47.4	\$1.54
682	Storage	1.0	0.9	0.5	Hazardous storage		796	1.2	\$1.54
683	Maint	1.0	0.9	0.5	Civil Engineering		9,180	22.2	\$2.42
684	Storage	0.5	0.9	0.5	AGE		2,500	3.9	\$1.54
684	Covered Pad	0.5	0.9	0.5	AGE		1,866	2.7	\$1.44
686	Maint	1.0	0.9	0.5	Parachute Survival Equip		11,155	27.0	\$2.42
1166	TRANSFORMER	0.5	0.9	0.5	GET FT 2		6,000	9.3	\$1.54
Total						61,723	173,553	518.5	



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

30 MAY 1995

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

147

950516-4

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 15, 1995 (Commission tasker #: 950516-4, AF/RT: RT0510), requesting COBRA runs for Minneapolis-St. Paul IAP Air Reserve Station (ARS) and Moffett Federal Airfield AGS.

For Minneapolis-St. Paul IAP ARS we have provided two COBRA runs similar to your earlier tasker, 950413-3, for the other C-130 bases. The first COBRA (atch 1) updates the focused COBRA for Minneapolis-St. Paul IAP and the second COBRA (atch 2) takes MILCON avoidances under the same scenario.

The Moffett Federal Airfield AGS COBRA is provided at attachment 3.

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. Minneapolis-St. Paul COBRA
2. Minneapolis-St. Paul COBRA with MILCON avoidances
3. Moffett COBRA



DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

May 15, 1995

Please refer to this document
when responding 950516-4

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:

Please provide focused COBRA runs for following 2 scenarios:

- (1) Closure of Minneapolis-St. Paul IAP Air Reserve Station, including deactivation of the unit and distribution of its aircraft to Dobbins ARB and Peterson AFB. Other receiver bases may be used, if appropriate. *MINNIST*
- (2) Modify COBRA run on closure of Moffett Federal Airfield AGS and relocation of unit to McClellan AFB by excluding personnel and base operating support costs which would be passed on to NASA/Ames Research Center, as it will continue to operate Moffett Federal Airfield. Specific costs, as provided by NASA/Ames-Research Center, are attached.

In order to assist the Commission, I would appreciate the data no later than ~~June 1~~ *30 MAY*. If you have any questions regarding this request, please contact Craig Hall at 703/696-0504. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

Attachment

Department : Air Force
 Option Package : MPLS-ST PAUL FOCUSED
 Scenario File : S:\COBRA\COMSISSN\MIN14501.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

Starting Year : 1996
 Final Year : 1997
 ROI Year : 1998 (1 Year)

NPV in 2015(\$K): -187,233
 1-Time Cost(\$K): 14,432

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	730	6,570	0	0	0	0	7,300	0
Person	0	-4,249	-10,075	-10,075	-10,075	-10,075	-44,548	-10,075
Overhd	411	-876	-4,295	-4,295	-4,295	-4,295	-17,644	-4,295
Moving	0	4,249	0	0	0	0	4,249	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	1,142	5,694	-14,370	-14,370	-14,370	-14,370	-50,643	-14,370

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	216	0	0	0	0	216
TOT	0	216	0	0	0	0	216

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	105	0	0	0	0	105
TOT	0	105	0	0	0	0	105

Summary:

 Close Reserve C-130 Mission MPLS-ST PAUL
 Commission request: 950516-4, AF/RT: 510
 Focused COBRA, without MILCON avoidance

Department : Air Force
 Option Package : MPLS-ST PAUL FOCUSED
 Scenario File : S:\COBRA\COMSIS\MINI4501.CBR
 Std Fctrs File : S:\COBRA\COMSIS\LEVEL.SFF

Costs (\$K) Constant Dollars		Savings (\$K) Constant Dollars	
1996	1997	1996	1997
MilCon	730	0	0
Person	788	0	0
Overhd	411	0	0
Moving	4,249	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,142	14,619	1,439

1996	1997	1996	1997
MilCon	6,570	0	0
Person	788	0	0
Overhd	3,012	0	0
Moving	4,249	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	14,619	1,439	1,439

1996	1997	1996	1997
MilCon	0	0	0
Person	5,037	0	0
Overhd	3,888	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	8,925	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	10,075	0	0
Overhd	5,734	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	15,809	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	10,075	0	0
Overhd	5,734	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	15,809	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	45,336	0	0
Overhd	26,824	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	72,160	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	10,075	0	0
Overhd	5,734	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	15,809	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	7,300	0	0
Overhd	788	0	0
Moving	4,249	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	12,337	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	7,300	0	0
Overhd	9,179	0	0
Moving	4,249	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	21,516	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	1,439	0	0

1996	1997	1996	1997
MilCon	0	0	0
Person	0	0	0
Overhd	1,439	0	0
Moving	0		

Department : Air Force
 Option Package : MPLS-ST PAUL FOCUSED
 Scenario File : S:\COBRA\COMSISN\MIN14501.CBR
 Std Fctrs File : S:\COBRA\COMSISN\LEVEL.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

Summary:

 Close Reserve C-130 Mission MPLS-ST PAUL
 Commission request: 950516-4, AF/RT: 510
 Focused COBRA, without MILCON avoidance

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	MPLS-ST PAUL, MN	1,077 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	105	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	200	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: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	1,910
Total Enlisted Employees:	0	Communications (\$K/Year):	2,119
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	4,232
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:	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):	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):	0.10	Unique Activity Information:	No

Department : Air Force
 Option Package : MPLS-ST PAUL FOCUSED
 Scenario File : S:\COBRA\COMSISSN\MIN14501.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MPLS-ST PAUL, MN

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	317
Total Enlisted Employees:	0	Communications (\$K/Year):	1,301
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	4,116
Total Civilian Employees:	337	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
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):	1,100	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	63
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.10	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%

Name: MPLS-ST PAUL, MN

	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	100	100	100	100	100
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):	1,100					Perc Family Housing ShutDown: 0.0%

Department : Air Force
 Option Package : MPLS-ST PAUL FOCUSED
 Scenario File : S:\COBRA\COMSISSN\MIN14501.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

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

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: DOBBINS, GA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Non-Destruct Inspect	OTHER	1,380	0	310
Acft Eng Insp & Repa	OTHER	6,680	0	830
Corrosion Control Fa	OTHER	6,540	0	1,260
Fuel System Maint	OTHER	2,410	0	560
Plan & Design	OTHER	0	0	600
Base Operat Support	OTHER	0	0	610
MAINTENANCE HANGAR	OTHER	18,000	0	2,920
AIRCRAFT APRONS	OTHER	17,200	0	210

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 FCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Mediar 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:	34.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc: Level Playing Field		RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	1.00	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	1.00	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: 2.20%	1998: 2.60%	1999: 2.80%
			2000: 2.80%
			2001: 2.90%

Department : Air Force
 Option Package : MPLS-ST PAUL FOCUSED
 Scenario File : S:\COBRA\COMSISN\MIN14501.CBR
 Std Fctrs File : S:\COBRA\COMSISN\LEVEL.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	15,000.00	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	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 : MPLS-ST PAUL
 Scenario File : S:\COBRA\COMSISSN\MIN14502.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

Starting Year : 1996
 Final Year : 1997
 ROI Year : 1998 (1 Year)

NPV in 2015(\$K): -188,068
 1-Time Cost(\$K): 14,432

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-117	6,570	0	0	0	0	6,453	0
Person	0	-4,249	-10,075	-10,075	-10,075	-10,075	-44,548	-10,075
Overhd	411	-876	-4,295	-4,295	-4,295	-4,295	-17,644	-4,295
Moving	0	4,249	0	0	0	0	4,249	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	294	5,694	-14,370	-14,370	-14,370	-14,370	-51,490	-14,370

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	216	0	0	0	0	216
TOT	0	216	0	0	0	0	216

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	105	0	0	0	0	105
TOT	0	105	0	0	0	0	105

Summary:

 Close Reserve C-130 Mission MPLS-ST PAUL
 Commission request: 950516-4, AF/RT: 510
 Focused COBRA, with MILCON avoidances.

Department : Air Force
 Option Package : MPLS-ST PAUL
 Scenario File : S:\COBRA\COMSISSN\MIN14502.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	730	6,570	0	0	0	0	7,300	0
Person	0	788	0	0	0	0	788	0
Overhd	411	3,012	1,439	1,439	1,439	1,439	9,179	1,439
Moving	0	4,249	0	0	0	0	4,249	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	1,142	14,619	1,439	1,439	1,439	1,439	21,516	1,439

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
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	3,888	5,734	5,734	5,734	5,734	26,824	5,734
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	847	8,925	15,809	15,809	15,809	15,809	73,007	15,809

Department : Air Force
 Option Package : MPLS-ST PAUL
 Scenario File : S:\COBRA\COMSISSN\MIN14502.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.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

Summary:

 Close Reserve C-130 Mission MPLS-ST PAUL
 Commission request: 950516-4, AF/RT: 510
 Focused COBRA, with MILCON avoidances.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
DOBBINS, GA	MPLS-ST PAUL, MN	1.077 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	105	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	200	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: DOBBINS, GA

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	1,910
Total Enlisted Employees:	0	Communications (\$K/Year):	2,119
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	4,232
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:	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):	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):	0.10	Unique Activity Information:	No

Department : Air Force
 Option Package : MPLS-ST PAUL
 Scenario File : S:\COBRA\COMSISSN\MIN14502.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MPLS-ST PAUL, MN

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	317
Total Enlisted Employees:	0	Communications (\$K/Year):	1,301
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	4,116
Total Civilian Employees:	337	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
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):	1,100	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	63
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.10	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 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					
		Perc Family Housing ShutDown:				0.0%

Name: MPLS-ST PAUL, MN

	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	100	100	100	100	100
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%

Department : Air Force
 Option Package : MPLS-ST PAUL
 Scenario File : S:\COBRA\COMSISSN\MIN14502.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

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

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: DOBBINS, GA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Non-Destruct Inspect	OTHER	1,380	0	310
Acft Eng Insp & Repa	OTHER	6,680	0	830
Corrosion Control Fa	OTHER	6,540	0	1,260
Fuel System Maint	OTHER	2,410	0	560
Plan & Design	OTHER	0	0	600
Base Operat Support	OTHER	0	0	610
MAINTENANCE HANGAR	OTHER	18,000	0	2,920
AIRCRAFT APRONS	OTHER	17,200	0	210

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 Acticns 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 Purca 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:	34.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc: Level Playing Field		RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	1.00	Rehab vs. New MilCon Cost:	0.00%
BGS Index (RPMA vs population):	1.00	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIO4 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: 2.20%	1998: 2.60%	1999: 2.80%
			2000: 2.80%
			2001: 2.90%

Department : Air Force
 Option Package : MPLS-ST PAUL
 Scenario File : S:\COBRA\COMSISSN\MIN14502.CBR
 Std Fctrs File : S:\COBRA\COMSISSN\LEVEL.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	15,000.00	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
PDL 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 : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF14201.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Starting Year : 1996
 Final Year : 1997
 ROI Year : Never

NPV in 2015(\$K): 17,607
 1-Time Cost(\$K): 17,802

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	917	8,253	0	0	0	0	9,170	0
Person	0	526	131	131	131	131	1,050	131
Overhd	50	577	-120	-120	-120	-120	145	-120
Moving	0	4,768	0	0	0	0	4,768	0
Missio	0	0	0	0	0	0	0	0
Other	1,500	1,530	0	0	0	0	3,030	0
TOTAL	2,467	15,655	10	10	10	10	18,164	10

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	8	0	0	0	0	8
Enl	0	80	0	0	0	0	80
Stu	0	0	0	0	0	0	0
Civ	0	218	0	0	0	0	218
TOT	0	306	0	0	0	0	306

Summary:

Close Moffett

Commission request: 950516-4, AF/RT: 510

Close Moffett Federal Airfield AGS and relocated unit to McClellan AFB by excluding personnel and base operating support costs which would be passed on to NASA/Ames Research Center.

No personnel savings

BOS non payroll reduced to \$500 K

Department : Air Force
 Option Package : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF_4201.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	917	8,253	0	0	0	0	9,170	0
Person	0	847	452	452	452	452	2,656	452
Overhd	50	588	379	379	379	379	2,156	379
Moving	0	4,907	0	0	0	0	4,907	0
Missio	0	0	0	0	0	0	0	0
Other	1,500	1,530	0	0	0	0	3,030	0
TOTAL	2,467	16,125	832	832	832	832	21,919	832

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	321	321	321	321	321	1,606	321
Overhd	0	10	500	500	500	500	2,010	500
Moving	0	138	0	0	0	0	138	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	470	821	821	821	821	3,754	821

Department : Air Force
 Option Package : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF#4201.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	917	8,253	0	0	0	0	9,170
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	255	0	0	0	0	255
Civ Retire	0	96	0	0	0	0	96
CIV MOVING							
Per Diem	0	427	0	0	0	0	427
POV Miles	0	3	0	0	0	0	3
Home Purch	0	1,845	0	0	0	0	1,845
HHG	0	888	0	0	0	0	888
Misc	0	97	0	0	0	0	97
House Hunt	0	261	0	0	0	0	261
PPS	0	115	0	0	0	0	115
RITA	0	737	0	0	0	0	737
FREIGHT							
Packing	0	56	0	0	0	0	56
Freight	0	1	0	0	0	0	1
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	44	0	0	0	0	44
OTHER							
Program Plan	50	37	0	0	0	0	87
Shutdown	0	212	0	0	0	0	212
New Hire	0	0	0	0	0	0	0
1-Time Move	0	140	0	0	0	0	140
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	3	0	0	0	0	3
POV Miles	0	2	0	0	0	0	2
HHG	0	267	0	0	0	0	267
Misc	0	61	0	0	0	0	61
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	1,500	1,530	0	0	0	0	3,030
TOTAL ONE-TIME	2,467	15,335	0	0	0	0	17,802

Department : Air Force

Option Package : Moffett

Scenario File : C:\COBRA\REPORTS\COM-AUDIT\MOF14201.CBR

Std Fctrs File : C:\COBRA\REPORTS\COM-AUDIT\FINAL.SFF

Account	1996	1997	1998	1999	2000	2001	Total	Beyond
RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M	0	0	0	0	0	0	0	0
RPM	0	0	2	2	2	2	7	2
BOS	0	325	325	325	325	325	1,623	325
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	0	0	0	0	0	0	0	0
Off Salary	0	0	0	0	0	0	0	0
Ent Salary	0	0	0	0	0	0	0	0
House Allow	0	452	452	452	452	452	2,261	452
OTHER	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	13	53	53	53	53	225	53
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	790	832	832	832	832	4,117	832
TOTAL COST	2,467	16,125	832	832	832	832	21,919	832
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
CONSTRUCTION	0	0	0	0	0	0	0	0
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M	0	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL	0	138	0	0	0	0	138	0
Mil Moving	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0
Land Sales	0	0	0	0	0	0	0	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	138	0	0	0	0	138	0
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M	0	0	0	0	0	0	0	0
RPM	0	0	0	0	0	0	0	0
BOS	0	10	500	500	500	500	2,010	500
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	0	0	0	0	0	0	0	0
Off Salary	0	0	0	0	0	0	0	0
Ent Salary	0	0	0	0	0	0	0	0
House Allow	0	321	321	321	321	321	1,606	321
OTHER	0	0	0	0	0	0	0	0
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	331	821	821	821	821	3,616	821
TOTAL SAVINGS	0	470	821	821	821	821	3,754	821

Department : Air Force
 Option Package : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF14201.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION								
MILCON	917	8,253	0	0	0	0	9,170	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	351	0	0	0	0	351	
Civ Moving	0	4,432	0	0	0	0	4,432	
Other	50	434	0	0	0	0	484	
MIL PERSONNEL								
Mil Moving	0	196	0	0	0	0	196	
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	1,500	1,530	0	0	0	0	3,030	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	2,467	15,196	0	0	0	0	17,663	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	2	2	2	2	7	2
BOS	0	314	-175	-175	-175	-175	-387	-175
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								
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	131	131	131	131	131	655	131
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	13	53	53	53	53	225	53
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	458	10	10	10	10	501	10
TOTAL NET COST	2,467	15,655	10	10	10	10	18,164	10

Department : Air Force
 Option Package : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF4201.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:
-----	-----
MOFFETT, CA	Closes in FY 1997
MCCLELLAN, CA	Realignment

Summary:

 Close Moffett
 Commission request: 950516-4, AF/RT: 510
 Close Moffett Federal Airfield AGS and relocated unit to McClellan AFB by excluding personnel and base operating support costs which would be passed on to NASA/Ames Research Center.

No personnel savings
 BOS non payroll reduced to \$500 K

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
MOFFETT, CA	MCCLELLAN, CA	141 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MOFFETT, CA to MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	8	0	0	0	0
Enlisted Positions:	0	80	0	0	0	0
Civilian Positions:	0	218	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: MOFFETT, CA

Total Officer Employees:	8	RPMA Non-Payroll (\$K/Year):	0
Total Enlisted Employees:	80	Communications (\$K/Year):	0
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	500
Total Civilian Employees:	230	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:	1.24
Officer Housing Units Avail:	0	CHAMPUS Ir-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	170	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	MOF
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	116	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Option Package : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF\4201.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MCCLELLAN, CA

Total Officer Employees:	454	RPMA Non-Payroll (\$K/Year):	5.663
Total Enlisted Employees:	2,324	Communications (\$K/Year):	2.978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21.097
Total Civilian Employees:	9,404	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:	1.14
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):	200	Activity Code:	AF058
Enlisted VHA (\$/Month):	180		
Per Diem Rate (\$/Day):	101	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MOFFETT, CA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	1,500	1,530	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	140	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 (%):	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):	170					
		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	13	53	53	53	53
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 : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF\4201.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MOFFETT, CA

	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	-12	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: MCCLELLAN, CA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Maintenance	OTHER	0	114,135	4,530
Operations	OTHER	0	21,660	2,030
Support	OTHER	4,000	36,800	1,910
P&D	OTHER	0	0	700

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 SI/IIH 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 : Moffett
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MOF14201.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\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			



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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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 15, 1995

Major General Jay Blume
Special Assistant to the Chief of Staff
for Base Realignment and Transition
Headquarters USAF
1670 Air Force Pentagon
Washington, D.C. 20330-1670

148
Please refer to this number
when referring to 950516-5

Dear General Blume:

On March 7, 1995, and again on May 10, 1995, the Defense Base Closure and Realignment Commission added 12 Air Force installations to the list of bases it is reviewing for realignment or closure. In addition, the Commission added five Air Force installations already on the Secretary of Defense's realignment and closure list for further realignment or closure. Some of these facilities are receiver bases.

The attached list includes all receiver bases (both changes to 1993 Commission recommendations and 1995 recommended realignments and closures) that are potentially affected by the installations added by the Commission. Based on these adds, I would like to request the Air Force's position on preferred alternative receiver sites, if any, for the cross-referenced facilities listed in the attachment. In addition, please indicate whether the Air Force prefers to keep these units or activities in place if the intended receiver base is actually recommended for realignment or closure. Also, I would like to request COBRA runs for those bases with units or activities that could move to an alternative site.

In order to assist the Commission in its review of these new adds, I would appreciate your written comments no later than May 31, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr.
Air Force Team Leader

**DOD RECOMMENDED DISPOSITION OF UNITS/AIRCRAFT POTENTIALLY
AFFECTED BY INSTALLATIONS ADDED BY THE COMMISSION**

California

Edwards Air Force Base

Inbound

Some AFMC Test and Evaluation workload.....from Hill Air Force Base, Utah

McClellan Air Force Base

Inbound

129th Rescue Group/assigned aircraft (ANG).....from Moffett Federal Airfield AGS, California
162nd Combat Communications Group (ANG).....from North Highlands AGS, California
149th Combat Communications Squadron (ANG).....from North Highlands AGS, California
Electronic installation functions.....from Griffiss Air Force Base, New York¹

Moffett Federal Airfield Air Guard Station

Outbound

129th Rescue Group/assigned aircraft (ANG).....to McClellan Air Force Base, California

North Highlands Air Guard Station

Outbound

162nd Combat Communications Group (ANG).....to McClellan Air Force Base, California
149th Combat Communications Squadron (ANG).....to McClellan Air Force Base, California

Florida

Eglin Air Force Base

Inbound

Some AFMC Test and Evaluation workload.....from Hill Air Force Base, Utah

Homestead Air Force Base

Outbound

301st Rescue Squadron/assigned aircraft (AFR).....permanently relocate to Patrick AFB, Florida¹
726th Air Control Squadron.....permanently relocate to Mt. Home Air Force Base, Idaho¹

MacDill Air Force Base

Inbound

43rd Air Refueling Group/assigned aircraft.....from Malmstrom Air Force Base, Montana¹

¹ Change from 1993 Commission recommendation.

Patrick Air Force Base

Inbound

301st Rescue Squadron/assigned aircraft (AFR)..permanently retain (from Homestead AFB, FL)¹

Idaho

Mt. Home Air Force Base

Inbound

726th Air Control Squadron.....from Homestead Air Force Base, Florida¹

Montana

Malmstrom Air Force Base

Outbound

43rd Air Refueling Group/assigned aircraft.....to MacDill Air Force Base, Florida¹

Inbound

Minuteman III missiles.....from Grand Forks Air Force Base, North Dakota

Remain

341st Missile Wing/assigned aircraft/missiles....from Grand Forks Air Force Base, North Dakota

New Mexico

Kirtland Air Force Base

Outbound

Air Force Inspection Agency.....to Kelly Air Force Base, Texas

Air Force Safety Agency.....to Kelly Air Force Base, Texas

Field Command, Defense Nuclear Agencyto Kelly Air Force Base, Texas

New York

Griffiss Air Force Base

Outbound

Engineering functions.....to Tinker Air Force Base, Oklahoma¹

Installation functions..to Kelly Air Force Base, Texas, and McClellan Air Force Base, California¹

¹Change from 1993 Commission recommendation.

North Dakota

Grand Forks Air Force Base

Outbound

321st Missile Group.....Inactivate
Minuteman III missiles.....to Malmstrom Air Force Base, Montana, or retire

Remain

319th Air Refueling Wing/assigned aircraft.....in place

Oklahoma

Tinker Air Force Base

Inbound

Electronic engineering functions.....from Griffiss Air Force Base, New York¹

Texas

Bergstrom Air Reserve Base

Outbound

Headquarters 10th Air Force (AFR).....to Naval Air Station Fort Worth, Texas

Brooks Air Force Base

Outbound

68th Intelligence Squadron.....to Kelly Air Force Base, Texas

Kelly Air Force Base

Inbound

Field Command, Defense Nuclear Agency.....from Kirtland Air Force Base, New Mexico
68th Intelligence Squadron.....from Brooks Air Force Base, Texas
Air Force Inspection Agency.....from Kirtland Air Force Base, New Mexico
Air Force Safety Agency.....from Kirtland Air Force Base, New Mexico
Some electronic installation functions.....from Griffiss Air Force Base, New York¹

Naval Air Station Fort Worth

Inbound

Headquarters 10th Air Force (AFR).....from Bergstrom Air Reserve Base

Utah

Hill Air Force Base

Outbound

AFMC's permanent test activities at UTTRDisestablish

¹Change from 1993 Commission recommendation.

Some AFMC Test and Evaluation workload.....to Edwards AFB, California and Eglin AFB, FL
Remain
UTTR management transfer from AFMC to ACC.....in place
Cancellation
485th Engineering Installation Group.....from Griffiss Air Force Base, New York

'Change from 1993 Commission recommendation.



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

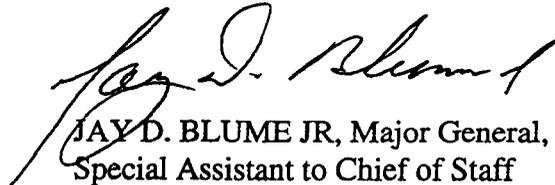
148
950516-5
18 MAY 1995

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 Air Force's Position on Preferred Alternate Receiver Sites

Attached is the Air Force response to your 15 May request for Air Force preferred alternate receiver sites based on the 10 May Commission add list.


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

Attachment:
Alternate Receivers

McClellan Air Force Base

129th Rescue Group/assigned aircraft (ANG)
162nd Combat Communications Group (ANG)
149th Combat communications Squadron (ANG)
Electronic Installation Functions

Kelly Air Force Base

Field Command, Defense Nuclear Agency
68th Intelligence Squadron
Air Force Inspection Agency
Air Force Safety Agency
Some Electronic Installation functions

Tinker Air Force Base

Electronic Engineering Functions

Air Force Revised Location

Remain at Moffett Fed Airfield AGS
Remain at North Highlands AGS
Remain at North Highlands AGS
Move to Travis AFB, Ca

Remain at Kirtland AFB
Medina/Lackland
Move to Tinker AFB, OK
Move to Tinker AFB, OK
Move to Lackland AFB, TX

Move to Peterson AFB, Co and
Keesler AFB, MS

Document Separator

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MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

May 12, 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

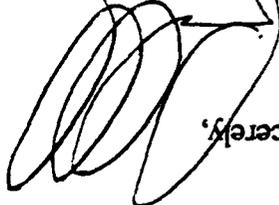
Dear General Blume:

I am forwarding for your review and comment portions of a community presentation on the Air Force Electronic Warfare Evaluation Simulator (AFEWES) that was presented by the community at the Dallas Regional Hearing and to DBCRC staff on May 5.

In order to assist the Commission in its review of this issue, I would appreciate your written comments on these documents no later than May 26, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr. PE
Air Force Team Leader



Attachments-2

134
Please refer to this number
950512-14
when responding



INTRODUCTION

The Air Force Electronic Warfare Evaluation Simulator (AFWES) is a Government-Owned, Contractor Operated (GOCO) test facility which evaluates air craft survivability against Radio-Frequency (RF) and Infrared (IR) threat systems. Since 1958, Lockheed Fort Worth Company, formerly General Dynamics, Fort Worth Division has been the sole contractor associated with its development and operation. AFWES is widely recognized as the most capable facility of its type in the world. Since its beginning, AFWES testing has supported the Cuban Missile Crisis, the Vietnam War, Operation Eldorado Canyon against Libya, Operation Desert Storm and Bosnian Relief Operations. Important contributions continue to this day for a SAR customer with I-1 priority whose platform/miission cannot be identified.

There is virtually no factual basis to support "diseestablishment and relocation" of AFWES to the Air Force Flight Test Center (AFFTC) at Edwards AFB, CA as recommended to the BRAC. In fact, the proposed action is in conflict with Congressional language in FY 95 SAC report. The following remarks address each element of the rationale used by the USAF in the recommendation to the BRAC as well as the actual facts applicable to each issue.

- 1) **RATIONALE:** Projected AFWES Worldload = 28%
FACTS
a) AFWES Worldload (1985-94) averages 91% of the Contracted Utilization Rate.
b) Official AF Formulas calculate 1993-94 Worldload at 88% and 92% respectively.
c) Rationale did not consider International utilization.
d) New capabilities available in 1995 will increase utilization further.
 - 2) **RATIONALE:** This Action Achieves Significant Cost Savings.
FACTS
a) Recommendation to BRAC estimated \$5.8M for move resulting in \$800K annual savings.
b) 1994 BOOD Study estimated AFWES relocation costs at \$50-60M.
c) 24 MAR 95 estimate provided to USAF officials was \$66.7M.
d) \$66.7M relocation costs will reduce net savings and extend cost recovery period.
 - 3) **RATIONALE:** This Action Achieves Significant Worldload Consolidation.
FACTS
a) Apparently refers to a reduction of 2 government positions.
b) AFWES operated for 20 years without on-site government presence.
c) Cost savings can be achieved by reducing USAF Management and not moving AFWES.
 - 4) **RATIONALE:** AFFTC Capacity Can Absorb AFWES Worldload.
FACTS
a) Insufficient Documentation exists for any other agency to efficiently operate and maintain specialized AFWES equipment.
b) The AFFTC Ground Test Worldload is sufficiently low to necessitate acquisition of an established T&E Business base to remain economically viable.
 - 5) **RATIONALE:** AFWES Infrastructure Duplicated At Other AF T&E Facilities.
FACTS
a) Contradicted by 1994 BOOD Study. "AFWES capabilities are not duplicated."
b) Only 15% of AFWES Capability is duplicated at any other DoD T&E facility.
c) If duplicated, why such intense competition within the USAF for relocated assets?
 - 6) **RATIONALE:** Impact Confined To Reduction Of 9 Jobs.
FACTS
a) Greater than 100 jobs affected at LFWC.
b) Impact on Test Customers not even considered.
c) Down time during move also not considered.
- SUMMARY**
Since this action:
- 1) Will cost \$60-70M more than estimated and is in conflict with other DoD estimates,
 - 2) Will result in a net loss in T&E capability,
 - 3) Failed to consider customer test requirements and facility down time,
 - 4) Is in conflict with FY 95 Senate Appropriations Committee direction,
 - 5) Would achieve greater cost savings without relocating the facility.

HOW CAN THE PROPOSED ACTION AGAINST AFWES POSSIBLY BE IN THE BEST INTEREST OF THE USAF, DoD, OR THE AMERICAN TAXPAYERS

FLAWED INPUTS TO FY 95 BRAC
THREATEN
ELECTRONIC COMBAT T&E LABS

The Air Force Electronic Warfare Evaluation Simulator, AFEWES, is a Government-owned, Contractor-operated, Hardware-In-The-Loop (HITL) facility which evaluates the EFFECTIVENESS (survivability) of DoD and Foreign aircraft systems in lethal engagements with RF and IR threats. It is widely recognized by past and present users as perhaps the most capable facility of its type in the world. Since its beginning in 1958, AFEWES has supported the development and refinement of virtually every Electronic Combat system employed, so successfully, by Coalition Forces in Operation Desert Storm.

Similar noteworthy contributions have distinguished AFEWES over its 37 year history. During the 1960's AFEWES testing supported strategic Reconnaissance aircraft during the Cuban Missile Crisis. B-52 Attrition studies during Project LINEBACKER II as well as the refinement of defensive countermeasures for a variety of DoD aircraft typify AFEWES contributions during the Vietnam War era of the 1970's. AFEWES developed cooperative SOJ techniques in the 1980's to support Operation Eldorado Canyon, the retaliatory action against Libya. Defensive Infrared countermeasures for transport aircraft were developed in the 1990's in direct support of Bosnian Relief operations. Similar contributions continue to this day for a Special Access customer, with 1-1 priority, whose platform and mission cannot be identified in this paper.

On 2 March 1995, DoD recommendations to the FY95 Base Realignment And Closure (BRAC) Commission were announced by Secretary of Defense William J. Perry. Included in this announcement were recommendations to "disestablish and relocate" AFEWES. The rationale used by the US Air Force to justify this recommendation was replete with factual inconsistencies and oversights. Many aspects of the official rationale are indicated below with a more accurate indication of the actual facts in each area:

- 1) Projected Workload = 28%. This figure is grossly underestimated. Over the last 10 years, AFEWES' annual utilization has averaged 91% of the Contracted Baseline Radar Simulator Utilization Rate. Monthly utilization reports, based on an official Air Force formula, have quantified AFEWES utilization in the 88-92% range for the period 1993-1994. Projections of future workload are consistent with this trend. Also, new capabilities which become operational within the next year will expand utilization even further.

- 2) This Action Achieves Significant Cost Savings. The DoD announcement estimates a "one-time" cost of \$5.8M to move "selected" AFEWES assets; ultimately resulting in annualized savings of \$800K. Multiple DoD and USAF studies have been conducted in recent years and have all produced the same conclusion: Relocation of AFEWES is not in the Government's best interest. A significant DoD study completed in 1994 estimates actual AFEWES relocation costs for selected assets at \$50-60M. The MILCON costs alone, to prepare a facility to accept the AFEWES equipment, was estimated at \$8M. Apparently the results of this study were ignored by the USAF in formulating the BRAC recommendation.

In fact, it was not until 22 March 1995, fully three weeks following the 2 March recommendation to the BRAC, that Air Force officials contacted the AFEWES O&M contractor directly, to determine the specific costs associated with AFEWES relocation. The composite costs, submitted to the USAF on 24 March 1995, were \$66.7M!

The reference to moving only "selected assets" and "disposal of" many older threat simulations (SA-3, SA-4, ...?) belies any understanding of the continuing importance of these threats to AFEWES' International users in today's unstable world. Also lacking is any recognition of the cost benefit of International utilization to proportionate reduction in the USAF annual O&M cost obligation for AFEWES.

The actual utilization costs incurred by a typical AFEWES Test Customer represent only a minor percentage of equivalent open-air flight test. On an annualized O&M basis, the average "out-of-pocket" costs borne by the USAF, above and beyond those paid by users of the facility, is only \$300K/year for the period 1985-1994. Although initiatives to further reduce AFEWES costs are being pursued by the current O&M contractor, the current costs associated with AFEWES T&E are clearly insufficient to justify the proposed BRAC action.

- 3) This Action Achieves Significant Workload Consolidation. The workload consolidation referred to is apparently related to the reduced number of government personnel required to manage AFEWES at the AFFTC location. This reduction in personnel apparently forms the basis for the \$800K annual O&M savings discussed above. For a majority of its 37-year history, the AFEWES was successfully operated at its current Air Force Plant No. 4 location without an on-site military presence. The advent of modern videoconferencing technology would allow daily

AFEWES O&M management, if necessary, to be accomplished from the remote AFTTC location, thereby preserving the estimated \$800K cost savings, and avoiding the significant, unnecessary cost of physically relocating the facility.

4) AFTTC Capacity Can Absorb AFEWES Workload. The essence of this statement indicates that the current workload of the AFTTC ground test facility is sufficiently low to necessitate absorption of an established T&E business base, to remain economically viable.

The unstated assumption implicit in the DoD announcement suggests that AFEWES capabilities, if relocated, will continue to provide the same high-quality of test support which has been established by its current contractor over the past 37 years. Such is not the case. The current AFEWES contractor, Lockheed Fort Worth Company, has served as both the developer and the operator of the facility since 1958. This fact has afforded the USAF significant cost savings by necessitating only minimal documentation for most AFEWES threat simulations. The existing documentation base is insufficient for personnel at any other facility to efficiently configure and operate the 39 specialized systems currently contained in AFEWES. The cost estimate for upgrading existing documentation to support AFEWES operations by another contractor is approximately \$18M, alone.

5) AFEWES Infrastructure Duplicated At Other AF T&E Facilities. The grain of truth in this assertion lies in the fact that HILL resources which represent perhaps 4-6 individual AFEWES threat systems do, in fact, exist at other DoD laboratories. Most of these alternative simulations, however do not enjoy comparable validation against threat intelligence, as does AFEWES. It is absolutely false to imply that the full complement of 39 threat systems contained in AFEWES are duplicated anywhere else in the world. The rationale above belies even a rudimentary understanding of unique AFEWES attributes available at Air Force Plant No. 4

- a) Unmatched IRCM & Missile Warning System T&E capability.
- b) Unequaled Semi-Active Missile T&E capability.
- c) RF Environmental Density/Fidelity without equal.
- d) Combined CM/End Game Evasion with man-reactive F-16 cockpit.
- e) Access to CFE for External Networking Applications.
- f) Multi-Spectral T&E capability.

The fact that AFEWES' capabilities are not duplicated elsewhere is also reiterated in the 1994 DoD Study referenced earlier.

- 6) Impact (Confined to) Reduction of 9 Jobs. The DoD statement apparently refers exclusively to Government positions only. Approximately 100 contractor personnel, associated with AFEWES Upgrade and O&M activities, would also be adversely affected by this action.

Of far greater significance, however, is the fact that the USAF impact assessment, completely failed to consider the impact of AFEWES relocation on DoD and Foreign Users with testing requirements in 1995 and beyond. The following list identifies AFEWES customers with which Testing Requirements have either been finalized or technical discussions have been initiated.

- DoD: C-17, B-2, B-1, F-15, F-22, Band IV IRCM, Army ATRJ, Army Advanced Missile Warning Receiver, Navy IDECM, DoD SAR Program (Priority 1-1)
- FOREIGN: UK DIRCM, Sweden, Germany, Italy

The decision to include AFEWES "disestablishment and relocation" within the DoD recommendation to the BRAC was made "at the last minute" by Senior USAF civilian officials. The "11th hour" nature of this decision suggests that political considerations instead of any thorough analysis of the facts identified above, provide the basis for this action. Unfortunately, Secretary of Defense William J. Perry and JCS Chairman General John Shalikashvili accepted the USAF recommendations without exception.

Similarly questionable rationale was provided by the USAF to justify equivalent action against a facility complementary to AFEWES, the Real Time Electromagnetic Digitally Controlled Analyzer Processor (REDCAP) in Buffalo, NY. AFEWES and REDCAP, electronically networked together, using well-established communications technology, can represent, in an "end-to-end" sense, the modern Electronic Combat battlefield necessary to evaluate the survivability of next generation EC Avionic Systems. A study of Electronic Networking was mandated in the FY95 Senate Appropriations Committee Report as a prerequisite to any HITL consolidation...efforts. To our knowledge, this study has yet to be initiated. This Congressional requirement was apparently also not considered by the USAF in the formulation of its recommendation to the BRAC.

In response to the 2 March 95 announcement, Senator Alphonse D'Amato (R, NY) gave an impassioned speech on the floor of the U.S. Senate bringing into question, the ACTUAL motives of the USAF for singling out these two small T&E facilities (combined FY95 Budget of less than \$20M), and failing to close any of 10 major USAF Test Facilities (combined FY95 Budget of \$1.722B).

The time-honored adage, "IF IT AIN'T BROKE, DON'T FIX IT" clearly applies to the plight of AFEWES and REDCAP. Given the austere Defense funding environment and unstable international situation in which we find ourselves, how much of this "PROGRESS" are American taxpayers expected to withstand? Significant unnecessary Capital investment (\$60-70M)? The promise of anticipated cost savings which will never be realized? Net reductions in critically needed Electronic Combat Test capability in an increasingly unstable world?

If this unjustified action against AFEWES and REDCAP cannot be reversed by the cold reality of sound technical and fiscal reason, sadly, the real losers in this tragic political debate will be US and Allied aircrews who will be forced to enter combat in the future with less than fully EFFECTIVE Electronic combat systems to ensure their survival to "fight another day".

DOD BRAC Recommendations

Air Force Electronic Warfare Evaluation Simulator Activity, Fort Worth, Texas

RECOMMENDATION:	Disestablish the Air Force Electronic Warfare Evaluation Simulator (AFEWES) Activity in Fort Worth. Essential AFEWES Capabilities and the Required Test Activities Will Relocate to the Air Force Flight Test Center (AFFTC), Edwards AFB, California. Workload and Selected Equipment From AFEWES Will Be Transferred to AFFTC. AFEWES Will Be Disestablished and Any Remaining Equipment Will Be Disposed of.
JUSTIFICATION:	The Test and Evaluation Joint Cross-Service Group (JCSG) Recommended That AFEWES's Capabilities Be Relocated to an Existing Facility at an Installation Possessing a Major Range and Test Facility Base (MRTFB) Open Air Range. Projected Workload for AFEWES Was Only 28 Percent of Its Available Capacity. Available Capacity at AFFTC Is Sufficient To Absorb AFEWES's Workload. AFEWES's Basic Hardware-in-the-Loop Infrastructure Is Duplicated at Other Air Force Test and Evaluation Facilities. This Action Achieves Significant Cost Savings and Workload Consolidation.
RETURN ON INVESTMENT:	The Total Estimated One-Time Cost To Implement This Recommendation Is \$5.8 Million. The Net of All Costs and Savings During the Implementation Period Is a Cost of \$2.6 Million. Annual Recurring Savings After Implementation Are \$0.8 Million With a Return on Investment Expected in Seven Years. The Net Present Value of the Costs and Savings Over 20 Years Is a Savings of \$5.8 Million.
IMPACTS:	Assuming No Economic Recovery, This Recommendation Could Result in a Maximum Potential Reduction of 9 Jobs (5 Direct Jobs and 4 Indirect Jobs) Over the 1996-to-2001 Period in the Fort Worth-Arlington, Texas Primary Metropolitan Statistical Area, Which Is Less Than 0.1 Percent of the Economic Area's Employment. This Action Will Have Minimal Environmental Impact.

The Facts Dictate A Closer Look . . .

Collocation At An Open Air Range

DOD

- **"The Test and Evaluation Joint Cross-Service Group (JCSG) Recommended That AFEWES Capabilities Be Relocated to an Existing Facility at an Installation Possessing a Major Range and Test Facility Base (MRTFB) Open Air Range."**

FACTS

- **There Is No Technical Advantage to Being Near an Open Air Range.**
- **No Significant Increase In Capability From "One Stop" Shopping.**
 - *EC Systems Rarely Move Immediately From a Hardware-in-the-Loop Test to Flight Testing*
- **Networking Is the Technical and Economical Alternative**
 - *Networking of AFEWES Has Been Demonstrated and Proven Technically Feasible*

AFEWES Workload

DOD

- "Projected Workload Was Only 28 Percent of Its Available Capacity."

FACTS

- Average Workload for CY 93 and CY 94 Was 90% (Based on a 16-Hour Day). Workload Has Actually Been Increasing Because New Capabilities Have Been Coming On-Line.
- Workload Is Projected To Continue at the Same Level. Currently Planned Tests Include:

1995
C17 B-2 Band IV Infrared Countermeasures (IRCM) Advanced Tactical IRCM - Army Directional IRCM - UKUSSOCOM Sweden Germany DOD Special Access

1996 and Beyond
B-1 B-2 F-22 ALQ-135 Advanced Tactical Radar Jammer - Army Advanced Missile Warning Receiver - Army Integrated Defensive Electronic Countermeasures System - Navy Sweden United Kingdom Italy

- The Multiple Emitter Generator Expansion (1995) and Reconfigurable Airborne Interceptor (1996) Will Also Spur Increases in Workload.

AFFTC Capacity

DOD

- "Available Capacity at the Air Force Flight Test Center Is Sufficient To Absorb AFEWES Workload."

FACTS

- AFFTC Does Not Presently Have the Personnel To Operate/Maintain and Upgrade the AFEWES:
 - *LFWC Positions To Be Replaced: Approx. 100 Engineers/Technicians In Support of Operations, Maintenance and Upgrades*
 - *AFFTC Will Have To Contract for This Work.*
 - *AFFTC May Have the Capacity To Replace The Nine Government Positions.*
- AFFTC Currently Has No Hardware-in-the-Loop Simulation Capability, Consequently, Test Users Must Accept a 12-18 Month AFEWES Testing "GAP" Until the Transition Is Complete.

"Closure of AFEWES May Interfere with the B-1 SPO's Effort to Thoroughly Test Our Upgraded Defensive System. It Is Imperative That AFEWES Be Available for Testing in Order to Meet Our Test Schedule and Comply With Electronic Combat Test Process AFM 99-112."

**-B-1 Defensive System Upgrade Program Test Manager
12 April 95**

AFFTC Capacity

DOD

- "Available Capacity at the Air Force Flight Test Center Is Sufficient To Absorb AFEWES Workload."

FACTS

- AFFTC Does Not Presently Have the Personnel To Operate/Maintain and Upgrade the AFEWES:
 - *LFWC Positions To Be Replaced: Approx. 100 Engineers/Technicians In Support of Operations, Maintenance and Upgrades.*
 - *AFFTC Will Have To Contract for This Work.*
 - *AFFTC May Have the Capacity To Replace The Nine Government Positions.*
- AFFTC Currently Has No Hardware-in-the-Loop Simulation Capability, Consequently, Test Users Must Accept a 12-18 Month AFEWES Testing "GAP" Until the Transition Is Complete.

"Closure of AFEWES May Interfere with the B-1 SPO's Effort to Thoroughly Test Our Upgraded Defensive System. It Is Imperative That AFEWES Be Available for Testing in Order to Meet Our Test Schedule and Comply With Electronic Combat Test Process AFM 99-112."

**-B-1 Defensive System Upgrade Program Test Manager
12 April 95**

AFFTC Building Requirements

FACTS

- **The AFEWES Must Be in a Shielded Building With Raised Floors (To Allow Electrical Interconnections), Lowered Roof (To Allow for RF Interconnections), Special Power and Special Air Conditioning. The IR Portion Requires SEISMIC Stability.**

- **AFFTC Has Two Options:**
 - **Build a New Facility**
 - √ 100% Replacement Would Require at Least 40,000 SQ. Ft.
 - √ Moving Only the Newest, Highest Utilized Simulations Will Still Require a 36,000 Sq. Ft. Facility

 - **Remodel the Existing Building Surrounding the Benefield Anechoic Chamber**
 - √ Remodeling the West Area (Now Essentially Vacant) of the Building To Have a SEISMIC First Floor Section (900 Sq. Ft) and Adding a Second and Third Floor Within the Shell Could Make About 36,000 Sq. Ft. Available
 - √ Based on Historical AFEWES Costs, Estimated Remodeling Would Cost Over \$5M

AFEWES Duplication

DOD

- "AFEWES Basic Hardware-in-the-Loop Infrastructure Is Duplicated at Other Air Force Test and Evaluation Facilities"

FACTS

- AFEWES Has 39 Simulations. Two (Built By AFEWES Personnel) Are Duplicated at Other Air Force and Army Locations. Four Other Simulations (Older and Unvalidated) Exist at Other Air Force and Navy Locations.

- AFEWES Is Used by Air Force, Navy, Army, International Allies, and Industry Because It Is Unique in the World.

* Australia

* Canada

* France

* Germany

* Israel

* Italy

* Korea

* Netherlands

* Norway

* Sweden

* Switzerland

* Turkey

* UK

* Belgium

- It Is Contradictory To Claim Duplication and Then Make Plans To Move the Capability.

Return On Investment

DOD

- "The Total Estimated One-Time Cost To Implement This Recommendation Is \$5.8M."

FACTS

- The Following Simulations/Support Systems Have Essential Military Value and Would Have to be Moved:

SA-4	Fulcrum	Data Processing Facility
SA-6M	Foxhound	Residual Inventory/Spare Parts
SA-8	Clutter Generator	Jammer Technique Simulator
SA-10	Basic infrared Lab	Bus Snapshot Analyzer
SA-11	Enhanced Infrared Lab	Test Equipment
Flap Wheel	Multiple Emitter Generator Basic	Software Development Facility
Flanker	Multiple Emitter Generator Advanced	Test Director System
Gun Dish		

- Generation of the Documentation Is Essential:

- Drawings for 186 Racks
- O&M Manuals for 17 Simulations/Support Systems

- A More Realistic Estimate of One-Time Cost To Implement:

- Drawings	\$ 8,949,360
- Software and Hardware O&M Manuals	8,428,539
- Phase In/Phase Out/Training/Overlap	12,924,117
- Disassembly/Move/Reassembly/Demonstrate	6,495,263
- Facility Preparation (36,000 Sq. Ft. @ \$140/Sq. Ft)	5,040,000
- Replacement of LFWC Owned Assets	2,100,000
Total Cost for Minimum Move	\$43,937,279

Return On Investment

DOD

- "Annual Recurring Savings After Implementation Are \$0.8M With a Return on Investment Expected in Seven Years. The Net Present Value of the Cost and Savings Over 20 Years Is a Savings of \$5.8 Million."

FACTS

- The DOD Assessment Significantly Underestimates the Cost of Implementation and the Discount Rate. The More Likely Outcome Is:

	LIKELY	DOD
Cost	\$ 43.9M	\$ 5.8M
NPV (Over 20 Years)	\$(27.7)M	\$ 5.8M
Break-Even	53 Years	7 Years

- \$0.8M in Annual Savings Can Be Realized by Simply Reducing Government Oversight of AFEWES.

The AFEWES Can Be Operated and Maintained For Less Expense If Left In Fort Worth

Because of the Contractor's Experience

- Conceived and Developed the AFEWES Closed-Loop, Real-Time, Actual RF Threat Simulation In 1958.
- The Only Experience Available in AFEWES Operation (37 Years).
- Corporate Memory and Easy Access to Simulation Designers Enhances Maintenance and Minimizes Down Time.
- Resources Necessary to Link AFEWES With LFWC Test Assets (Flight Simulator) and Other DOD Test Assets (Open Air Ranges, REDCAP).

Because the Contractor Is Organized to Accommodate a Variable Work Load

- Government Required Simulator Work Load Is Highly Variable.
- An Easily Varied Cadre of Skilled Manpower Means the Customer Only Pays for Support As Needed.

Impact

DOD

- "This Recommendation Could Result in a Maximum Potential Reduction of 9 Jobs in the Fort Worth-Arlington Area."

FACTS

- Approximately 50 Contractor Engineers/Technicians Support AFEWES Operations & Maintenance.
- Approximately 50 Contractor Engineers/Technicians Support AFEWES Development & Upgrades.

Conclusion

- ***Military Value*** – AFEWES' Unique, Cross-Service Support of Electronic Warfare Development and Readiness Would Be Degraded By Relocation.
- ***Return on Investment*** – AFEWES is a More Cost Effective Asset if Retained Within AF Plant 4 in Fort Worth Versus Relocation to AFFTC.
- ***Impact*** – AFEWES Economic Impact on Fort Worth is Approximately 10 Times Greater Than Stated in the DOD Recommendation (100 Engineering Jobs).

***The Proposed AFEWES Move Fails DOD's
Criteria for Closure or Realignment
On All Three Counts.***

Recommendations

“Had we attempted to conduct this entire process by means of a field test, which for all practical purposes, would have been impossible, we would have used over 200 flying hours, 100 test range hours, and 4000 MJU-23/B flares at a cost of five million dollars above the cost to accomplish the process at AFEWES. Our high degree of confidence in the simulation coupled with the ability to collect a large amount of relatively inexpensive data in a short amount of time allowed us to focus our efforts in the field test. Through a combination of using digital modeling, hardware-in-the-loop simulation, and flight testing, we found a way to increase the odds that the B-1B can perform its mission and get its crew home safely.”

**– 513 Engineering and Test Squadron
Presentation at 1995
Infrared Countermeasures
Specialty Group Meeting**

- Keep AFEWES at Fort Worth**
 - Full Test Capability & Best Military Value**
 - Least Cost to the Taxpayer**
 - Continuous Support for Users**
 - No Unnecessary Jobs Impact**



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

24 MAY 1995

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950512-14

MEMORANDUM FOR BASE CLOSURE COMMISSION (MR. FRANCIS A. CIRILLO)

FROM: AF/RT

SUBJECT: Community Presentation on Air Force Electronic Warfare Evaluation Simulator

Thank you for the opportunity to respond to the community presentation on the Air Force Electronic Warfare Evaluation Simulator (AFEWES). Attached is our response.

My point of contact for this action is Major Wallace, AF/RTR, DSN 225-4578.

A handwritten signature in cursive script that reads "Jay D. Blume, Jr.".

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

Attachment:
AF/TE Letter



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



23 MAY 1995

MEMORANDUM FOR AF/RTR

FROM: AF/TE

SUBJECT: Request for Information to Support the Base Closure Process

The following comments are in response to the Dallas Regional Hearings with the Defense Base Closure and Realignment Commission (DBCRC) concerning the Air Force Electronic Warfare Evaluation Simulator (AFEWES) (see Attachment).

AFEWES contracted utilization rate is low and represents a minimum workload that the Air Force guarantees Lockheed simply to keep the doors open. Over the past three years, many of AFEWES test capabilities have not been utilized by a single test customer. The referred to "official Air Force formula" includes upgrade time as utilization. The T&E Joint Cross-Service Group and the Air Force considered all utilization by test customers (including international utilization). However, upgrade time was not considered as utilization. New capabilities coming on line in 1995 may increase utilization some, but BRAC analysis projects a 28-percent decrease in T&E workload over the next 7 years.

Previous BRAC cost estimates for relocating AFEWES capabilities relied on the certified data provided. Contractor cost estimates of \$50M to \$60M are exaggerated and include such factors as inflated man-hour costs for technical and engineering support. The site visit to AFEWES resulted in several findings. Many AFEWES capabilities have not had a customer demand recently and are not essential for conduct of the Electronic Warfare (EW) test process. Other capabilities, often associated with AFEWES, are contractor owned and not available for relocation. Less than one-half of AFEWES capabilities needs to be relocated to support the EW test process. Reverse engineering coupled with the available documentation will enable the Air Force to support those capabilities to be moved and require relatively little MILCON.

Although some cost savings can be achieved by reducing Air Force management, significantly more can be realized by reducing infrastructure and operations support. The latter can be achieved by collocating required AFEWES capabilities with Air Force operated installed systems test capabilities and integration laboratories. Moving required AFEWES capabilities will cost approximately \$7M, will not result in the loss of needed T&E capability, and is not in conflict with the FY95 Senate Appropriations Committee's direction.

BRAC analysis did not include assumptions pertaining to the economic viability of gaining activities. Gaining activity requirements include sufficient excess capacity to absorb the workload, and capability to accomplish the test or test support. Thus, AFFTC ground test facility economic viability was not considered. The cost of AFEWES is too high for the workload supported; the Air Force and DoD will be well served by this realignment activity.

Competition within the Air Force does not exist for relocated assets. Most of the testing conducted at AFEWES can be done elsewhere. This was substantiated by information obtained by the site visit, which determined that less than half of AFEWES test capabilities is required for implementation of the EW test process.

Since AFEWES has fewer than 20 hybrid threat simulators, it is not understandable why greater than 100 jobs are affected. This would equate to almost twice as many people involved in all EW testing at Eglin AFB, which operates approximately 59 open air threat simulators. Therefore, the stated impact on jobs and customers is not clearly understood. AFEWES customer impacts are being strongly considered in our process.

My staff and I are available to answer additional questions if necessary and are ready to provide additional assistance. AF/TE point of contact is Lt Col London, DSN 227-1165.


HOWARD W. LEAF
Lt Gen, USAF (Retired)
Director, Test and Evaluation

Attachment:
AF/RTR Memo, w/Atch, 15 May 95



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 12, 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

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Please refer to this number
when responding 950512-14

Dear General Blume:

I am forwarding for your review and comment portions of a community presentation on the Air Force Electronic Warfare Evaluation Simulator (AFEWES) that was presented by the community at the Dallas Regional Hearing and to DBCRC staff on May 5.

In order to assist the Commission in its review of this issue, I would appreciate your written comments on these documents no later than May 26, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr. PE
Air Force Team Leader

Attachments-2

POINT PAPER FOR BRAC HEARING

INTRODUCTION

The Air Force Electronic Warfare Evaluation Simulator (AFEWES) is a Government-Owned, Contractor Operated (GOCO) test facility which evaluates aircraft survivability against Radio-Frequency (RF) and Infrared (IR) threat systems. Since 1958, Lockheed Fort Worth Company, formerly General Dynamics, Fort Worth Division, has been the sole contractor associated with its development and operation. AFEWES is widely recognized as the most capable facility of its type in the world. Since its beginning, AFEWES testing has supported the Cuban Missile Crisis, the Vietnam War, Operation Eldorado Canyon against Libya, Operation Desert Storm and Bosnian Relief Operations. Important contributions continue to this day for a SAR customer with I-1 priority whose platform/mission cannot be identified.

There is virtually no factual basis to support "dis-establishment and relocation" of AFEWES to the Air Force Flight Test Center (AFFTC) at Edwards AFB, CA as recommended to the BRAC. In fact, the proposed action is in conflict with Congressional language in FY 95 SAC report. The following remarks address each element of the rationale used by the USAF in the recommendation to the BRAC as well as the actual facts applicable to each issue.

- 1) RATIONALE: Projected AFEWES Workload = 28%
FACTS
 - a) AFEWES Workload (1985-94) averages 91% of the Contracted Utilization Rate.
 - b) Official AF Formulas calculate 1993-94 Workload at 88% and 92% respectively.
 - c) Rationale did not consider International utilization.
 - d) New capabilities available in 1995 will increase utilization further.

- 2) RATIONALE: This Action Achieves Significant Cost Savings.
FACTS
 - a) Recommendation to BRAC estimated \$5.8M for move resulting in \$800K annual savings.
 - b) 1994 BoOD Study estimated AFEWES relocation costs at \$50-60M.
 - c) 24 MAR 95 estimate provided to USAF officials was \$66.7M.
 - d) \$66.7M relocation costs will reduce net savings and extend cost recovery period.

- 3) RATIONALE: This Action Achieves Significant Workload Consolidation.
FACTS
 - a) Apparently refers to a reduction of 2 government positions.
 - b) AFEWES operated for 20 years without on-site government presence.
 - c) Cost savings can be achieved by reducing USAF Management and not moving AFEWES.

- 4) RATIONALE: AFFTC Capacity Can Absorb AFEWES Workload.
FACTS
 - a) Insufficient Documentation exists for any other agency to efficiently operate and maintain specialized AFEWES equipment.
 - b) The AFFTC Ground Test Workload is sufficiently low to necessitate acquisition of an established T&E Business base to remain economically viable.

- 5) RATIONALE: AFEWES Infrastructure Duplicated At Other AF T&E Facilities.
FACTS
 - a) Contradicted by 1994 BoOD Study. "AFEWES capabilities are not duplicated."
 - b) Only 15% of AFEWES Capability is duplicated at any other DoD T&E facility.
 - c) If duplicated, why such intense competition within the USAF for relocated assets?

- 6) RATIONALE: Impact Confined To Reduction Of 9 Jobs.
FACTS
 - a) Greater than 100 jobs affected at LFWC.
 - b) Impact on Test Customers not even considered.
 - c) Down time during move also not considered.

SUMMARY

Since this action:

- 1) Will cost \$60-70M more than estimated and is in conflict with other DoD estimates,
- 2) Will result in a net loss in T&E capability,
- 3) Failed to consider customer test requirements and facility down time,
- 4) Is in conflict with FY 95 Senate Appropriations Committee direction,
- 5) Would achieve greater cost savings without relocating the facility,

HOW CAN THE PROPOSED ACTION AGAINST AFEWES POSSIBLY BE IN THE BEST INTEREST OF THE USAF, DoD, OR THE AMERICAN TAXPAYER?

04/05/95

FLAWED INPUTS TO FY 95 BRAC
THREATEN
ELECTRONIC COMBAT T&E LABS

The Air Force Electronic Warfare Evaluation Simulator, AFEWES, is a Government-owned, Contractor-operated, Hardware-In-The-Loop (HITL) facility which evaluates the EFFECTIVENESS (survivability) of DoD and Foreign aircraft systems in lethal engagements with RF and IR threats. It is widely recognized by past and present users as perhaps the most capable facility of its type in the world. Since its beginning in 1958, AFEWES has supported the development and refinement of virtually every Electronic Combat system employed, so successfully, by Coalition Forces in Operation Desert Storm.

Similar noteworthy contributions have distinguished AFEWES over its 37 year history. During the 1960's AFEWES testing supported strategic Reconnaissance aircraft during the Cuban Missile Crisis. B-52 Attrition studies during Project LINEBACKER II as well as the refinement of defensive countermeasures for a variety of DoD aircraft typify AFEWES contributions during the Vietnam War era of the 1970's. AFEWES developed cooperative SOJ techniques in the 1980's to support Operation Eldorado Canyon, the retaliatory action against Libya. Defensive Infrared countermeasures for transport aircraft were developed in the 1990's in direct support of Bosnian Relief operations. Similar contributions continue to this day for a Special Access customer, with 1-1 priority, whose platform and mission cannot be identified in this paper.

On 2 March 1995, DoD recommendations to the FY95 Base Realignment And Closure (BRAC) Commission were announced by Secretary of Defense William J. Perry. Included in this announcement were recommendations to "disestablish and relocate" AFEWES. The rationale used by the US Air Force to justify this recommendation was replete with factual inconsistencies and oversights. Many aspects of the official rationale are indicated below with a more accurate indication of the actual facts in each area:

- 1) Projected Workload = 28%. This figure is grossly underestimated. Over the last 10 years, AFEWES' annual utilization has averaged 91% of the Contracted Baseline Radar Simulator Utilization Rate. Monthly utilization reports, based on official Air Force formula, have quantified AFEWES utilization in the 88-92% range for the period 1993-1994. Projections of future workload are consistent with this trend. Also, new capabilities which become operational within the next year will expand utilization even further.

1

04/05/95

- 2) This Action Achieves Significant Cost Savings. The DoD announcement estimates a "one-time" cost of \$5.8M to move "selected" AFEWES assets; ultimately resulting in annualized savings of \$800K. Multiple DoD and USAF studies have been conducted in recent years and have all produced the same conclusion: Relocation of AFEWES is not in the Government's best interest. A significant DoD study completed in 1994 estimates actual AFEWES relocation costs for selected assets at \$50-60M. The MILCON costs alone, to prepare a facility to accept the AFEWES equipment, was estimated at \$8M. Apparently the results of this study were ignored by the USAF in formulating the BRAC recommendation.

In fact, it was not until 22 March 1995, fully three weeks following the 2 March recommendation to the BRAC, that Air Force officials contacted the AFEWES O&M contractor directly, to determine the specific costs associated with AFEWES relocation. The composite costs, submitted to the USAF on 24 March 1995, were \$66.7M!

The reference to moving only "selected assets" and "disposal of" many older threat simulations (SA-3, SA-4, ...?) belies any understanding of the continuing importance of these threats to AFEWES' International users in today's unstable world. Also lacking is any recognition of the cost benefit of International utilization to proportionate reduction in the USAF annual O&M cost obligation for AFEWES.

The actual utilization costs incurred by a typical AFEWES Test Customer represent only a minor percentage of equivalent open-air flight test. On an annualized O&M basis, the average "out-of-pocket" costs borne by the USAF, above and beyond those paid by users of the facility, is only \$300K/year for the period 1985-1994. Although initiatives to further reduce AFEWES costs are being pursued by the current O&M contractor, the current costs associated with AFEWES T&E are clearly insufficient to justify the proposed BRAC action.

- 3) This Action Achieves Significant Workload Consolidation. The workload consolidation referred to is apparently related to the reduced number of government personnel required to manage AFEWES at the AFFTC location. This reduction in personnel apparently forms the basis for the \$800K annual O&M savings discussed above. For a majority of its 37-year history, the AFEWES was successfully operated at its current Air Force Plant No. 4 location without an on-site military presence. The advent of modern videoconferencing technology would allow daily

2

04/05/95

AFEWES O&M management, if necessary, to be accomplished from the remote AFFTC location, thereby preserving the estimated \$800K cost savings, and avoiding the significant, unnecessary cost of physically relocating the facility.

- 4) AFFTC Capacity Can Absorb AFEWES Workload. The essence of this statement indicates that the current workload of the AFFTC ground test facility is sufficiently low to necessitate absorption of an established T&E business base, to remain economically viable.

The unstated assumption implicit in the DoD announcement suggests that AFEWES capabilities, if relocated, will continue to provide the same high-quality of test support which has been established by its current contractor over the past 37 years. Such is not the case. The current AFEWES contractor, Lockheed Fort Worth Company, has served as both the *developer* and the *operator* of the facility since 1958. This fact has afforded the USAF significant cost savings by necessitating only minimal documentation for most AFEWES threat simulations. The existing documentation base is insufficient for personnel at any other facility to efficiently configure and operate the 39 specialized systems currently contained in AFEWES. The cost estimate for upgrading existing documentation to support AFEWES operations by another contractor is approximately \$18M, alone.

- 5) AFEWES Infrastructure Duplicated At Other AF T&E Facilities. The grain of truth in this assertion lies in the fact that HITL resources which represent perhaps 4-6 individual AFEWES threat systems do, in fact, exist at other DoD laboratories. Most of these alternative simulations, however do not enjoy comparable validation against threat intelligence, as does AFEWES. It is absolutely false to imply that the full complement of 39 threat systems contained in AFEWES are duplicated anywhere else in the world. The rationale above belies even a rudimentary understanding of unique AFEWES attributes available at Air Force Plant No. 4.

- a) Unmatched IRCM & Missile Warning System T&E capability.
- b) Unequalled Semi-Active Missile T&E capability.
- c) RF Environmental Density/Fidelity without equal.
- d) Combined CM/End Game Evasion with man-reactive F-16 cockpit.
- e) Access to CFE for External Networking Applications.
- f) Multi-Spectral T&E capability.

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The fact that AFEWES' cap abilities are not duplicated elsewhere is also reiterated in the 1994 DoD Study referenced earlier.

- 6) Impact (Confined to) Reduction of 9 Jobs. The DoD statement apparently refers exclusively to Government positions only. Approximately 100 contractor personnel, associated with AFEWES Upgrade and O&M activities, would also be adversely affected by this action.

Of far greater significance, however, is the fact that the USAF impact assessment, completely failed to consider the impact of AFEWES relocation on DoD and Foreign Users with testing requirements in 1995 and beyond. The following list identifies AFEWES customers with which Testing Requirements have either been finalized or technical discussions have been initiated.

- DoD: C-17, E-2, B-1, F-15, F-22, Band IV IRCM, Army ATRJ, Army Advanced Missile Warning Receiver, Navy DDECM, DoD SAR Program (Priority 1-1)
- FOREIGN: UK DIRCM, Sweden, Germany, Italy

The decision to include AFEWES "disestablishment and relocation" within the DoD recommendation to the BRAC was made "at the last minute" by Senior USAF civilian officials. The "11th hour" nature of this decision suggests that political considerations instead of any thorough analysis of the facts identified above, provide the basis for this action. Unfortunately, Secretary of Defense William J. Perry and JCS Chairman General John Shalikashvili accepted the USAF recommendations without exception.

Similarly questionable rationale was provided by the USAF to justify equivalent action against a facility complementary to AFEWES, the Real Time Electromagnetic Digitally Controlled Analyzer Processor (REDCAP) in Buffalo, NY. AFEWES and REDCAP, electronically networked together, using well-established communications technology, can represent, in an "end-to-end" sense, the modern Electronic Combat battlefield necessary to evaluate the survivability of next generation EC Avionic Systems. A study of Electronic Networking was mandated in the FY95 Senate Appropriations Committee Report as a prerequisite to any HITL consolidation...efforts. To our knowledge, this study has yet to be initiated. This Congressional requirement was apparently also not considered by the USAF in the formulation of its recommendation to the BRAC.

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04/05/95

In response to the 2 March 95 announcement, Senator Alphonse D'Amato (R, NY) gave an impassioned speech on the floor of the U.S. Senate bringing into question, the ACTUAL motives of the USAF for singling out these two small T&E facilities (combined FY95 Budget of less than \$20M), and failing to close any of 10 major USAF Test Facilities (combined FY95 Budget of \$1.722B).

The time-honored adage, "IF IT AIN'T BROKE, DONT FIX IT" clearly applies to the plight of AFEWES and REDCAP. Given the austere Defense funding environment and unstable international situation in which we find ourselves, how much of this "PROGRESS" are American taxpayers expected to withstand? Significant unnecessary Capital investment (\$60-70M)? The promise of anticipated cost savings which will never be realized? Net reductions in critically needed Electronic Combat Test capability in an increasingly unstable world?

If this unjustified action against AFEWES and REDCAP cannot be reversed by the cold reality of sound technical and fiscal reason, sadly, the real losers in this tragic political debate will be US and Allied aircrews who will be forced to enter combat in the future with less than fully EFFECTIVE Electronic combat systems to ensure their survival to "fight another day".

DOD BRAC Recommendations

Air Force Electronic Warfare Evaluation Simulator Activity, Fort Worth, Texas

<p>RECOMMENDATION:</p>	<p>Disestablish the Air Force Electronic Warfare Evaluation Simulator (AFEWES) Activity in Fort Worth. Essential AFEWES Capabilities and the Required Test Activities Will Relocate to the Air Force Flight Test Center (AFFTC), Edwards AFB, California. Workload and Selected Equipment From AFEWES Will Be Transferred to AFFTC. AFEWES Will Be Disestablished and Any Remaining Equipment Will Be Disposed of.</p>
<p>JUSTIFICATION:</p>	<p>The Test and Evaluation Joint Cross-Service Group (JCSG) Recommended That AFEWES's Capabilities Be Relocated to an Existing Facility at an Installation Possessing a Major Range and Test Facility Base (MRTFB) Open Air Range. Projected Workload for AFEWES Was Only 28 Percent of Its Available Capacity. Available Capacity at AFFTC Is Sufficient To Absorb AFEWES's Workload. AFEWES's Basic Hardware-in-the-Loop Infrastructure Is Duplicated at Other Air Force Test and Evaluation Facilities. This Action Achieves Significant Cost Savings and Workload Consolidation.</p>
<p>RETURN ON INVESTMENT:</p>	<p>The Total Estimated One-Time Cost To Implement This Recommendation Is \$5.8 Million. The Net of All Costs and Savings During the Implementation Period Is a Cost of \$2.6 Million. Annual Recurring Savings After Implementation Are \$0.8 Million With a Return on Investment Expected in Seven Years. The Net Present Value of the Costs and Savings Over 20 Years Is a Savings of \$5.8 Million.</p>
<p>IMPACTS:</p>	<p>Assuming No Economic Recovery, This Recommendation Could Result in a Maximum Potential Reduction of 9 Jobs (5 Direct Jobs and 4 Indirect Jobs) Over the 1996-to-2001 Period in the Fort Worth-Arlington, Texas Primary Metropolitan Statistical Area, Which Is Less Than 0.1 Percent of the Economic Area's Employment. This Action Will Have Minimal Environmental Impact.</p>

The Facts Dictate A Closer Look . . .

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P.009

MAY 12 '95 15:17 FROM DBCRC R-F

PAGE.009

Collocation At An Open Air Range

DOD

- "The Test and Evaluation Joint Cross-Service Group (JCSG) Recommended That AFEWES Capabilities Be Relocated to an Existing Facility at an Installation Possessing a Major Range and Test Facility Base (MRTFB) Open Air Range."

FACTS

- There Is No Technical Advantage to Being Near an Open Air Range.
- No Significant Increase In Capability From "One Stop" Shopping.
 - *EC Systems Rarely Move Immediately From a Hardware-In-the-Loop Test to Flight Testing*
- Networking Is the Technical and Economical Alternative
 - *Networking of AFEWES Has Been Demonstrated and Proven Technically Feasible*

AFEWES Workload

DOD

- "Projected Workload Was Only 28 Percent of Its Available Capacity."

FACTS

- Average Workload for CY 93 and CY 94 Was 90% (Based on a 16-Hour Day). Workload Has Actually Been Increasing Because New Capabilities Have Been Coming On-Line.
- Workload Is Projected To Continue at the Same Level. Currently Planned Tests Include:

1995
C17 B-2 Band IV Infrared Countermeasures (IRCM) Advanced Tactical IRCM - Army Directional IRCM - UK/USSOCOM Sweden Germany DOD Special Access

1996 and Beyond
B-1 B-2 F-22 ALQ-135 Advanced Tactical Radar Jammer - Army Advanced Missile Warning Receiver - Army Integrated Defensive Electronic Countermeasures System - Navy Sweden United Kingdom Italy

- The Multiple Emitter Generator Expansion (1995) and Reconfigurable Airborne Interceptor (1996) Will Also Spur Increases in Workload.

AFFTC Capacity

DOD

- "Available Capacity at the Air Force Flight Test Center is Sufficient To Absorb AFEWES Workload."

FACTS

- AFFTC Does Not Presently Have the Personnel To Operate/Maintain and Upgrade the AFEWES:
 - LFWC Positions To Be Replaced: Approx. 100 Engineers/Technicians In Support of Operations, Maintenance and Upgrades.
 - AFFTC Will Have To Contract for This Work.
 - AFFTC May Have the Capacity To Replace The Nine Government Positions.
- AFFTC Currently Has No Hardware-In-the-Loop Simulation Capability, Consequently, Test Users Must Accept a 12-18 Month AFEWES Testing "GAP" Until the Transition Is Complete.

"Closure of AFEWES May Interfere with the B-1 SPO's Effort to Thoroughly Test Our Upgraded Defensive System. It is Imperative That AFEWES Be Available for Testing in Order to Meet Our Test Schedule and Comply With Electronic Combat Test Process AFM 99-112."

-B-1 Defensive System Upgrade Program Test Manager
12 April 95

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AFFTC Capacity

DOD

- "Available Capacity at the Air Force Flight Test Center is Sufficient To Absorb AFEWES Workload."

FACTS

- AFFTC Does Not Presently Have the Personnel To Operate/Maintain and Upgrade the AFEWES:
 - LFWC Positions To Be Replaced: Approx. 100 Engineers/Technicians In Support of Operations, Maintenance and Upgrades.
 - AFFTC Will Have To Contract for This Work.
 - AFFTC May Have the Capacity To Replace The Nine Government Positions.
- AFFTC Currently Has No Hardware-In-the-Loop Simulation Capability, Consequently, Test Users Must Accept a 12-18 Month AFEWES Testing "GAP" Until the Transition Is Complete.

"Closure of AFEWES May Interfere with the B-1 SPO's Effort to Thoroughly Test Our Upgraded Defensive System. It Is Imperative That AFEWES Be Available for Testing in Order to Meet Our Test Schedule and Comply With Electronic Combat Test Process AFM 99-112."

-B-1 Defensive System Upgrade Program Test Manager
12 April 95

AFFTC Building Requirements

FACTS

- **The AFEWES Must Be in a Shielded Building With Raised Floors (To Allow Electrical Interconnections), Lowered Roof (To Allow for RF Interconnections), Special Power and Special Air Conditioning. The IR Portion Requires SEISMIC Stability.**

- **AFFTC Has Two Options:**
 - **Build a New Facility**
 - √ 100% Replacement Would Require at Least 40,000 SQ. Ft.
 - √ Moving Only the Newest, Highest Utilized Simulations Will Still Require a 36,000 Sq. Ft. Facility

 - **Remodel the Existing Building Surrounding the Benefield Anechoic Chamber**
 - √ Remodeling the West Area (Now Essentially Vacant) of the Building To Have a SEISMIC First Floor Section (900 Sq. Ft) and Adding a Second and Third Floor Within the Shell Could Make About 36,000 Sq. Ft. Available
 - √ Based on Historical AFEWES Costs, Estimated Remodeling Would Cost Over \$5M

A03222

AFEWES Duplication

DOD

- "AFEWES Basic Hardware-In-the-Loop Infrastructure Is Duplicated at Other Air Force Test and Evaluation Facilities"

FACTS

- AFEWES Has 39 Simulations. Two (Built By AFEWES Personnel) Are Duplicated at Other Air Force and Army Locations. Four Other Simulations (Older and Unvalidated) Exist at Other Air Force and Navy Locations.
- AFEWES Is Used by Air Force, Navy, Army, International Allies, and Industry Because It Is Unique in the World.
 - * Australia
 - * Canada
 - * France
 - * Germany
 - * Israel
 - * Italy
 - * Korea
 - * Netherlands
 - * Norway
 - * Sweden
 - * Switzerland
 - * Turkey
 - * UK
 - * Belgium
- It Is Contradictory To Claim Duplication and Then Make Plans To Move the Capability.

Return On Investment

DOD

- "The Total Estimated One-Time Cost To Implement This Recommendation Is \$5.8M."

FACTS

- The Following Simulations/Support Systems Have Essential Military Value and Would Have to be Moved:

SA-4	Fulcrum	Data Processing Facility
SA-6M	Foxhound	Residual Inventory/Spare Parts
SA-8	Clutter Generator	Jammer Technique Simulator
SA-10	Basic Infrared Lab	Bus Snapshot Analyzer
SA-ii	Enhanced Infrared Lab	Test Equipment
Flap Wheel	Multiple Emitter Generator Basic	Software Development Facility
Flanker	Multiple Emitter Generator Advanced	Test Director System
Gun Dish		

- Generation of the Documentation Is Essential:

- Drawings for 186 Racks
- O&M Manuals for 17 Simulations/Support Systems

- A More Realistic Estimate of One-Time Cost To Implement:

- Drawings	\$ 8,949,360
- Software and Hardware O&M Manuals	8,428,539
- Phase In/Phase Out/Training/Overlap	12,924,117
- Disassembly/Move/Reassembly/Demonstrate	6,495,263
- Facility Preparation (36,000 Sq. Ft. @ \$140/Sq. Ft)	5,040,000
- Replacement of LFWC Owned Assets	2,100,000

Total Cost for Minimum Move

\$43,937,279

Return On Investment

DOD

- "Annual Recurring Savings After Implementation Are \$0.8M With a Return on Investment Expected in Seven Years. The Net Present Value of the Cost and Savings Over 20 Years Is a Savings of \$5.8 Million."

FACTS

- The DOD Assessment Significantly Underestimates the Cost of Implementation and the Discount Rate. The More Likely Outcome Is:

	LIKELY	DOD
Cost	\$ 43.9M	\$ 5.8M
NPV (Over 20 Years)	\$ (27.7)M	\$ 5.8M
Break-Even	53 Years	7 Years

- \$0.8M in Annual Savings Can Be Realized by Simply Reducing Government Oversight of AFEWES.

The AFEWES Can Be Operated and Maintained For Less Expense If Left In Fort Worth

Because of the Contractor's Experience

- Conceived and Developed the AFEWES Closed-Loop, Real-Time, Actual RF Threat Simulation In 1958.
- The Only Experience Available in AFEWES Operation (37 Years).
- Corporate Memory and Easy Access to Simulation Designers Enhances Maintenance and Minimizes Down Time.
- Resources Necessary to Link AFEWES With LFWC Test Assets (Flight Simulator) and Other DOD Test Assets (Open Air Ranges, REDCAP).

Because the Contractor Is Organized to Accommodate a Variable Work Load

- Government Required Simulator Work Load Is Highly Variable.
- An Easily Varied Cadre of Skilled Manpower Means the Customer Only Pays for Support As Needed.

Impact

DOD

- "This Recommendation Could Result In a Maximum Potential Reduction of 9 Jobs in the Fort Worth-Arlington Area."

FACTS

- Approximately 50 Contractor Engineers/Technicians Support AFEWES Operations & Maintenance.
- Approximately 50 Contractor Engineers/Technicians Support AFEWES Development & Upgrades.

A03228A

Conclusion

- *Military Value – AFEWES' Unique, Cross-Service Support of Electronic Warfare Development and Readiness Would Be Degraded By Relocation.*
- *Return on Investment – AFEWES is a More Cost Effective Asset if Retained Within AF Plant 4 in Fort Worth Versus Relocation to AF-F-IC.*
- *Impact – AFEWES Economic Impact on Fort Worth is Approximately 10 Times Greater Than Stated in the DOD Recommendation (100 Engineering Jobs).*

**The Proposed AFEWES Move Fails DOD's
Criteria for Closure or Realignment
On All Three Counts.**

A03220

Recommendations

"Had we attempted to conduct this entire process by means of a field test, which for all practical purposes, would have been impossible, we would have used over 200 flying hours, 100 test range hours, and 4000 MJU-23/B flares at a cost of five million dollars above the cost to accomplish the process at AFEWES. Our high degree of confidence in the simulation coupled with the ability to collect a large amount of relatively inexpensive data in a short amount of time allowed us to focus our efforts in the field test. Through a combination of using digital modeling, hardware-in-the-loop simulation, and flight testing, we found a way to increase the odds that the B-1B can perform its mission and get its crew home safely."

– 513 Engineering and Test Squadron
Presentation at 1995
Infrared Countermeasures
Specialty Group Meeting

- **Keep AFEWES at Fort Worth**
 - *Full Test Capability & Best Military Value*
 - *Least Cost to the Taxpayer*
 - *Continuous Support for Users*
 - *No Unnecessary Jobs Impact*

A03227

Document Separator



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



03 MAY 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Frank Cirillo)

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

109
950426-27

SUBJECT: Response to Question on Plattsburgh and McGuire Air Force Bases

Attached is the Air Force response to your April 20, 1995, request for additional information on question 10. As you requested, the attached chart identifies cargo/ troop customer onload locations. Additionally, we provided distance and flying time to aerial refueling routes that are (were) commonly used by McGuire and Plattsburgh AFB since tanker aircraft, especially the KC-135, are more likely to use aerial refueling routes.

We hope this information is beneficial.

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

Attachment:
Response to question

AIR DISTANCE: TO CUSTOMERS

Customers:	McGuire:		Plattsburg:	
	Distance (NM)	Flying Time (HRS)	Distance (NM)	Flying Time (HRS)
Yuma, AZ	1970	4+38	2032	4+46
Ft Benning, GA	674	1+35	905	2+07
Hunter Army Airfield, GA	576	1+21	839	1+58
Ft Stewart, GA	593	1+23	854	2+00
Ft Riley, KS	1031	2+25	1096	2+34
Ft Campbell, KY	638	1+30	796	1+52
Ft Polk, LA	1053	2+28	1235	2+54
Ft Drum, NY	247	0+35	104	0+14
Ft Bliss, TX	1610	3+47	1714	4+01
Ft Hood, TX	1242	2+55	1396	3+16
Ft McCoy, WI	752	1+45	737	1+43
Philadelphia, PA	31	0+04	298	0+41
Norfolk, VA	205	0+28	484	1+08
Peterson/ Ft Carson, CO	1386	3+15	1426	3+21
Eglin AAF, FL	809	1+54	1041	2+26
MacDill, FL	829	1+56	1097	2+34
Westover, MA	160	0+22	154	0+21
Griffis, NY	196	0+27	119	0+16
Pope, NC	358	0+50	623	1+27
Charleston, SC	502	1+10	769	1+48
McEntire, SC	471	1+06	728	1+42
Langley, VA	194	0+27	472	1+06
Andrews, MD	128	0+18	383	0+54
Tinker, OK	1113	2+37	1224	2+52
Cheery Point, NC	325	0+45	606	1+25
Aerial Refueling Tracks:				
AR 777	139	0+19	325	0+45
AR 88	164	0+23	378	0+53
AR 204	234	0+33	48	0+06
AR 212	234	0+33	48	0+06
AR 218H	172	0+24	320	0+45
AR 218A	173	0+24	325	0+45
AR 202	382	0+53	659	1+32
AR 207	607	1+25	864	2+01
AR 455	617	1+26	750	1+45
AR 206	195	0+27	120	0+16
AR 20	364	0+51	278	0+39



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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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

April 26, 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

109
Please refer to this number
when responding 950422-27

Dear General Blume:

Thank you for the timely response to our April 6, 1995 letter regarding the 15 questions on Plattsburgh and McGuire Air Force Bases. Unfortunately, we need to obtain your assistance in resolving the response to question 10. In this regard, attached is the chart used in the 1993 final deliberations hearing to which the question refers. Request you provide a similar chart identifying current cargo/troop customer or load locations for McGuire AFB to include distances and flying times from McGuire and Plattsburgh AFBs. We believe this would answer the intent of the question raised by General Tobin. Please provide your response by May 15, 1995.

Thank you for your continued patience and support in responding to our many requests.

Sincerely

Francis A. Cirillo, Jr, PE
Air Force Team Leader

Attachment

• map distances and flying times

Air Distances to Customers

	PLATTSBURGH	MCCUIRE	GRIFFISS	TRAVIS	MARCHI	MCCHORD	FAIRCHILD
ANDREWS	421	128	332	2152	1992	2062	1836
FT DRUM (GRIFFISS)	119	196	—	2108	2019	1974	1776
LANGLEY	472	194	371	2143	1992	2106	1911
SHAW	717	459	604	2009	1821	2041	1853
MACDILL	1097	829	985	2060	1815	2191	2018
TINKER	1223	1113	1118	1187	983	1322	1162
MT HOME	1816	1844	1754	398	553	371	284
CANNON	1501	1407	1400	827	691	1153	1077
HILL	1689	1692	1618	490	501	577	459
POPE	622	358	511	2054	1880	2060	1869
HUNTER AAF	839	576	726	2020	1812	2085	1901
FT CAMPBELL	795	638	679	1634	1461	1666	1481
FT HOOD	1403	1250	1290	1260	996	1487	1345
FT RILEY	1088	1025	944	1176	1033	1218	1041
PETERSON/ FT CARSON	1431	1391	1345	808	674	822	772
CHERRY POINT	605	325	504	2159	1986	2155	1963
FT LEWIS (MCCHORD)	2018	2090	1974	533	829	—	198



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

ALAN J. DIXON, CHAIRMAN

April 29, 1995

COMMISSIONERS:
AL CORNELLA
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S. LEE KLING
RADM BENJAMIN F. MONTROYA, USN (RET)
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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, DC 20330-1670

Dear General Blume:

116
950501-18

Minutes of the December 15, 1994 AF/BCEG meeting stated that the BCEG directed the BCWG to work cost estimates for the focused COBRA analysis of Los Angeles Air Force Base. Request that you provide DBCRC a copy of this COBRA as soon as possible. Thank you for your assistance.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

Please let me know
ASAP if this COBRA is
not already available as we
might need it for the 10th



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

01 MAY 1995

116
950501-18

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 April 29, 1995, requesting the COBRA run for Los Angeles AFB that was requested in the December 15, 1994, BCEG. A copy of this COBRA run is attached (LA36101.CBR).

Sincerely

A handwritten signature in black ink that reads "Jay D. Blume, Jr." with a stylized flourish at the end.

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

Attachment:
Requested COBRA for Los Angeles AFB

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

Starting Year : 1996
 Final Year : 2001
 ROI Year : 2011 (10 Years)

NPV in 2015(\$K): -140,827
 1-Time Cost(\$K): 429,428

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	47,083	24,565	32,754	45,036	22,518	32,754	204,710	0
Person	-209	-285	-215	2,907	5,122	-328	6,991	-8,831
Overhd	2,659	559	-4,273	-9,824	-18,184	-30,202	-59,285	-38,863
Moving	1,255	19,095	44,532	53,487	44,532	17,214	180,117	0
Missio	0	0	0	0	0	0	0	0
Other	72	2,629	6,265	7,537	6,265	2,623	25,392	0
TOTAL	50,860	46,564	79,062	99,143	60,253	22,061	357,945	-47,893

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	54	54
Enl	0	0	0	0	0	162	162
Civ	0	0	0	0	0	67	67
TOT	0	0	0	0	0	283	283

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	62	159	311	373	311	65	1,281
Enl	9	103	49	58	49	15	283
Stu	0	0	0	0	0	0	0
Civ	57	170	288	345	288	63	1,211
TOT	128	432	648	776	648	143	2,775

Summary:

 Complete closure of LA

BCFG ohly 12/29/94

COBRA REALIGNMENT SUMMARY (COBRA v5.06) - Page 2/2
 Data As Of 13:10 09/15/1994, Report Created 16:34 12/27/1994

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	47,083	24,565	32,754	45,036	22,518	32,754	204,710	0
Person	691	2,705	5,601	8,723	10,938	12,103	40,762	10,215
Overhd	2,659	2,844	2,880	3,375	3,846	3,691	19,295	2,610
Moving	1,366	19,507	45,098	54,164	45,098	17,340	182,573	0
Missio	0	0	0	0	0	0	0	0
Other	72	2,629	6,265	7,537	6,265	2,623	25,392	0
TOTAL	51,872	52,251	92,597	118,836	88,665	68,511	472,732	12,825

Savings (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	900	2,990	5,816	5,816	5,816	12,431	33,771	19,045
Overhd	0	2,285	7,153	13,199	22,030	33,893	78,561	41,473
Moving	111	411	565	677	565	126	2,455	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	1,012	5,687	13,535	19,693	28,412	46,449	114,787	60,519

TOTAL ONE-TIME COST REPORT (COBRA v5.16) - Page 1/5
 Data As Of 13:10 09/15/1984, Report Created 16:34 12/27/1984

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPPFINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	204,710,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		204,710,000
Personnel		
Civilian RIF	2,346,559	
Civilian Early Retirement	541,514	
Civilian New Hires	1,936,000	
Eliminated Military PCS	1,426,950	
Unemployment	404,028	
Total - Personnel		6,655,051
Overhead		
Program Planning Support	8,320,347	
Mothball / Shutdown	1,777,500	
Total - Overhead		10,097,847
Moving		
Civilian Moving	20,396,349	
Civilian PPS	576,000	
Military Moving	8,324,001	
Freight	76,499	
One-Time Moving Costs	153,200,000	
Total - Moving		182,572,849
Other		
HAP / RSE	1,692,081	
Environmental Mitigation Costs	0	
One-Time Unique Costs	23,700,000	
Total - Other		25,392,081
Total One-Time Costs		429,427,828

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	2,455,480	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		2,455,480
Total Net One-Time Costs		426,872,348

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctr File : S:\COBRA\DEFINIAL.SFF

Base: HILL, UT
 (All values in Dollars)

Category	Cost	Sub-Total
Construction	-----	-----
Military Construction	2,340,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		2,340,000
Personnel		
Civilian RIF	127,333	
Civilian Early Retirement	29,384	
Civilian New Hires	438,000	
Eliminated Military PCS	1,428,850	
Unemployment	21,824	
Total - Personnel		2,041,591
Overhead		
Program Planning Support	105,855	
Mothball / Shutdown	0	
Total - Overhead		105,855
Moving		
Civilian Moving	0	
Civilian PPS	578,000	
Military Moving	0	
Freight	0	
One-Time Moving Costs	153,200,000	
Total - Moving		153,778,000
Other		
HAP / RSE	143,097	
Environmental Mitigation Costs	0	
One-Time Unique Costs	23,700,000	
Total - Other		23,843,097
Total One-Time Costs		182,106,543
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		182,106,543

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA38101.CBR
 Std Fctrs File : S:\COBRA\DEPPFINAL.SFF

Base: MCCLELLAN, CA
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	202,370,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		202,370,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	1,408,000	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		1,408,000
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		203,778,000

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		203,778,000

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

Base: BASE X
 (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	92,000	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		92,000
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		92,000

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		92,000

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

Base: LOS ANGELES, CA
 (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	2,219,226	
Civilian Early Retirement	512,129	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	382,104	
Total - Personnel		3,113,459
Overhead		
Program Planning Support	8,214,492	
Mothball / Shutdown	1,777,500	
Total - Overhead		9,991,992
Moving		
Civilian Moving	20,396,349	
Civilian PPS	0	
Military Moving	8,324,001	
Freight	76,499	
One-Time Moving Costs	0	
Total - Moving		28,796,849
Other		
HAP / RSE	1,548,984	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		1,548,984
Total One-Time Costs		43,451,285

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	2,455,480	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		2,455,480
Total Net One-Time Costs		40,995,805

Department : Air Force
Option Package : LosAngeles FOCUS PRE
Scenario File : S:\COBRA\LA38101.CBR
Std Fctrs File : S:\COBRA\DEPPFINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----		-----		-----	
HILL	2,340	0	0	0	2,340
MCCLELLAN	202,370	0	0	0	202,370
BASE X	0	0	0	0	0
LOS ANGELES	0	0	0	0	0
-----		-----		-----	
Totals:	204,710	0	0	0	204,710

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

MilCon for Base: HILL, UT

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN OFFICES	OTHER	0	n/a	14,750	n/a	2,340

 Total Construction Cost: 2,340
 + Info Management Account: 0
 + Land Purchases: 0
 - Construction Cost Avoid: 0

TOTAL: 2,340

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

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

MilCon for Base: MCCLELLAN, CA

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ADMIN OFFICES	OTHER	0	n/a	5,400	n/a	940
SCIF (LIGHT)	OTHER	0	n/a	132,900	n/a	24,530
SCIF (HEAVY)	OTHER	0	n/a	132,900	n/a	60,260
MFH	OTHER	0	n/a	616	n/a	91,360
BOS	OTHER	0	n/a	0	n/a	8,570
PLANNING	OTHER	0	n/a	0	n/a	16,710

Total Construction Cost:	202,370
+ Info Management Account:	0
+ Land Purchases:	0
- Construction Cost Avoid:	0
TOTAL:	202,370

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

INPUT DATA REPORT (COBRA v5.06)
 Data As Of 13:10 09/15/1994, Report Created 16:34 12/27/1994

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPPFINAL.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
MCCLELLAN, CA	Realignment
BASE X	Realignment
LOS ANGELES, CA	Closes in FY 2001

Summary:

 Complete closure of LA

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HILL, UT	LOS ANGELES, CA	710 mi
MCCLELLAN, CA	LOS ANGELES, CA	393 mi
BASE X	LOS ANGELES, CA	1,000 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from LOS ANGELES, CA to HILL, UT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	7	14	36	43	36	8
Enlisted Positions:	1	2	6	7	6	4
Civilian Positions:	13	27	88	81	88	16
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 LOS ANGELES, CA to MCCLELLAN, CA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	55	110	275	330	275	57
Enlisted Positions:	8	17	43	51	43	11
Civilian Positions:	44	88	220	264	220	47
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 LOS ANGELES, CA to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	35	0	0	0	0
Enlisted Positions:	0	84	0	0	0	0
Civilian Positions:	0	55	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

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	624	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,959	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	18,024
Total Civilian Employees:	9,503	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0X	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	10.0X	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):	13,772	CHAMPUS Shift to Medicare:	20.9X
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	98	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: MCCLELLAN, CA

Total Officer Employees:	454	RPMA Non-Payroll (\$K/Year):	5,863
Total Enlisted Employees:	2,324	Communications (\$K/Year):	2,978
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,097
Total Civilian Employees:	9,404	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	32.0X	Family Housing (\$K/Year):	6,330
Civilians Not Willing To Move:	10.0X	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):	11,518	CHAMPUS Shift to Medicare:	20.9X
Officer VHA (\$/Month):	200	Activity Code:	58
Enlisted VHA (\$/Month):	180	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: BASE X

Total Officer Employees:	736	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,283	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:	54.0X	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	0.0X	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:	20.9X
Officer VHA (\$/Month):	66	Activity Code:	X
Enlisted VHA (\$/Month):	50	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: LOS ANGELES, CA

Total Officer Employees:	1,444	RPMA Non-Payroll (\$K/Year):	9,479
Total Enlisted Employees:	441	Communications (\$K/Year):	2,220
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	29,601
Total Civilian Employees:	1,403	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	48.0X	Family Housing (\$K/Year):	5,138
Civilians Not Willing To Move:	10.0X	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):	1,422	CHAMPUS Shift to Medicare:	20.9X
Officer VHA (\$/Month):	506	Activity Code:	50
Enlisted VHA (\$/Month):	359	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	140	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: LOS ANGELES, 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(%):	100%	0%	0%	0%	0%	0%
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):	1,422					
Perc Family Housing ShutDown:						100.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: HILL, UT	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	-54
Enl Scenario Change:	0	0	0	0	0	-162
Civ Scenario Change:	0	0	0	0	0	-67
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: LOS ANGELES, CA	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-163	0	0	0	0
Enl Force Struc Change:	0	-158	0	0	0	0
Civ Force Struc Change:	0	-192	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)
	ADMIN OFFICES	OTHER	14,750	0	2,340

Department : Air Force
 Option Package : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPPFINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MCCLELLAN, CA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ADMIN OFFICES	OTHER	5,400	0	940
SCIF (LIGHT)	OTHER	132,900	0	24,530
SCIF (HEAVY)	OTHER	132,900	0	60,280
MFH	OTHER	616	0	91,360
BOS	OTHER	0	0	8,570
PLANNING	OTHER	0	0	16,710

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	86.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,688.00	Civilian PPS 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:	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 SION 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 : LosAngeles FOCUS PRE
 Scenario File : S:\COBRA\LA36101.CBR
 Std Fctrs File : S:\COBRA\DEPFINAL.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
Bining 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			



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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GEN J. B. DAVIS, USAF (RET)
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RADM BENJAMIN F. MONTOYA, USN (RET)
MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

May 3, 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

120
Please refer to this number
when responding 950504-3

Dear General Blume:

We appreciate your response to our 10 April request to review a community COBRA run on Brooks AFB. After reviewing your response and receiving a detailed concept of operations (Atch) provided by the Brooks AFB community, we have decided to ask you to conduct an alternative COBRA run on Brooks AFB with the following assumptions.

- a. Closure of Brooks AFB with approximately 15% of the base placed in cantonment.
- b. HSC, Armstrong Lab, USAF School of Aerospace Medicine, AFCEE, and HSC/YA retained in their present configurations.
- c. Family housing retained at Brooks AFB with support from Kelly AFB.
- d. All BOS provided by Kelly AFB.

In order to assist the Commission in its work, we request this information to be provided no later than May 15, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE
Air Force Team Leader

Attachment
Brooks AFB Community Concept of Operations



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



26 MAY 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Brooks AFB Cantonment COBRA Analysis (RT Tasker 481)

Our response to your tasker of May 3, 1995 (950504-3) is attached. The Air Force accomplished the COBRA analysis as outlined in the Community's concept of operations. The Community stated the actual boundaries were to be determined by the Air Force. We had the choice to move units into their conceptual cantonment or extend the boundaries to reflect the Air Force way of doing business for this type of operation. We chose to extend the boundary to retain HSC, Armstrong Lab, USAF School of Aerospace Medicine, AFCEE, and HSC/YA in their present configurations with minor relocation of units into the cantoned area. This was deemed more prudent than costly MILCON projects to house them in the conceptual cantonment area. Additionally, we accomplished the COBRA analysis with the numbers supplied by the Community as submitted. We only supplied numbers where they were unavailable from their package or where they did not take into account standard Air Force or DoD policy and guidance. We disagree with several portions of their concept of operations to include their self-determined manpower support and facility requirements, closure of military family housing, and maintaining minimal non-mission facilities in light of DoD Quality of Life initiatives. The COBRA analysis sent under your April 20, 1995 tasker (950420-2) took these factors into account.

The Air Force views "paper studies" dealing with cantonments of laboratories cautiously due to the complexity of leaving substantial operations in a stand alone or cantoned scenario. The failure to reduce laboratory capacity by altering the closure of Brooks AFB, and consolidating functions at Wright-Patterson AFB, will leave excess capacity within the Air Force. The Air Force continues to believe the community's proposal would not achieve needed savings and reductions of infrastructure, and relies on assumptions of support that may not be practical for the long-term. As a result, the Air Force would not favor this alternative and hopes you will take this into consideration in your review of the SECDEF recommendation.

I trust this responds 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

Attachment: Brooks (Community) COBRA

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CER
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

Starting Year : 1996
 Final Year : 1998
 ROI Year : 2000 (2 Years)

NPV in 2015(\$K): -119,673
 1-Time Cost(\$K): 21,371

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-233	782	7,040	0	0	0	7,589	0
Person	0	0	-5,530	-12,744	-12,744	-12,744	-43,764	-12,744
Overhd	241	251	13	-576	-576	-576	-1,224	-576
Moving	0	0	3,728	0	0	0	3,728	0
Missio	0	0	0	2,780	2,780	2,780	8,340	2,780
Other	0	0	7,227	0	0	0	7,227	0
TOTAL	8	1,033	12,478	-10,541	-10,541	-10,541	-18,104	-10,541

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	25	0	0	0	25
Enl	0	0	138	0	0	0	138
Civ	0	0	103	0	0	0	103
TOT	0	0	266	0	0	0	266
POSITIONS REALIGNED							
Off	0	0	49	0	0	0	49
Enl	0	0	347	0	0	0	347
Stu	0	0	0	0	0	0	0
Civ	0	0	293	0	0	0	293
TOT	0	0	689	0	0	0	689

Summary:

 COMMISSION REQUEST: THIS DOES NOT REPRESENT AN AIR FORCE POSITION.
 COMMUNITY PROPOSAL: Kelly AFB supplies BOS, AF determined cantonment area
 Retain HSC, AL, SAM, AFCEE, YA, and minor tenants
 68 Intel Squadron and 710 Intel Flight (AFRES) relocates to Lackland AFB
 MFH retained at Brooks, QOL applied, based on Community concept of ops
 Commission Tasker: 950504-3, RT Tasker: RT0481

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SIF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	782	7,040	0	0	0	7,822	0
Person	0	0	3,047	1,712	1,712	1,712	8,184	1,712
Overhd	241	442	966	1,620	1,620	1,620	6,508	1,620
Moving	0	0	3,908	0	0	0	3,908	0
Missio	0	0	0	2,780	2,780	2,780	8,340	2,780
Other	0	0	7,227	0	0	0	7,227	0
TOTAL	241	1,224	22,188	6,112	6,112	6,112	41,989	6,112

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	233	0	0	0	0	0	233	0
Person	0	0	8,577	14,457	14,457	14,457	51,947	14,457
Overhd	0	191	953	2,196	2,196	2,196	7,732	2,196
Moving	0	0	180	0	0	0	180	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	233	191	9,710	16,653	16,653	16,653	80,093	16,653

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 07:44 05/26/1995, Report Created 07:45 05/26/1995

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CIR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SIF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
-----	-----	-----	-----
1996	7,783	7,678	7,678
1997	1,032,894	991,706	999,385
1998	12,477,630	11,659,436	12,658,821
1999	-10,540,910	-9,586,094	3,072,726
2000	-10,540,910	-9,329,532	-6,256,806
2001	-10,540,910	-9,079,837	-15,336,643
2002	-10,540,910	-8,836,824	-24,173,467
2003	-10,540,910	-8,600,315	-32,773,782
2004	-10,540,910	-8,370,137	-41,143,919
2005	-10,540,910	-8,146,118	-49,290,037
2006	-10,540,910	-7,928,096	-57,218,133
2007	-10,540,910	-7,715,908	-64,934,041
2008	-10,540,910	-7,509,400	-72,443,441
2009	-10,540,910	-7,308,418	-79,751,859
2010	-10,540,910	-7,112,816	-86,864,675
2011	-10,540,910	-6,922,448	-93,787,124
2012	-10,540,910	-6,737,176	-100,524,300
2013	-10,540,910	-6,556,862	-107,081,162
2014	-10,540,910	-6,381,375	-113,462,537
2015	-10,540,910	-6,210,584	-119,673,121

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 07:44 05/26/1995, Report Created 07:45 05/26/1995

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CHIR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SIF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	7,822,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		7,822,000
Personnel		
Civilian RIF	163,713	
Civilian Early Retirement	62,967	
Civilian New Hires	56,000	
Eliminated Military PCS	1,023,568	
Unemployment	28,188	
Total - Personnel		1,334,436
Overhead		
Program Planning Support	556,812	
Mothball / Shutdown	522,500	
Total - Overhead		1,079,312
Moving		
Civilian Moving	1,013,265	
Civilian PPS	892,800	
Military Moving	529,102	
Freight	973,011	
One-Time Moving Costs	500,000	
Total - Moving		3,908,179
Other		
HAP / RSE	227,028	
Environmental Mitigation Costs	0	
One-Time Unique Costs	7,000,000	
Total - Other		7,227,028
Total One-Time Costs		21,370,955

One-Time Savings		
Military Construction Cost Avoidances	233,000	
Family Housing Cost Avoidances	0	
Military Moving	180,550	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		413,550
Total Net One-Time Costs		20,957,405

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
 Data As Of 07:44 05/26/1995, Report Created 07:45 05/26/1995

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CHR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SIF

All Costs in \$K

Base Name	Total MilCon	IMC Cost	Land Purch	Cost Avoid	Total Cost
BROOKS	5,425	0	0	-233	5,192
KELLY	1,085	0	0	0	1,085
BASE X	0	0	0	0	0
LACKLAND	1,312	0	0	0	1,312
Totals:	7,822	0	0	-233	7,589

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 07:44 05/26/1995, Report Created 07:45 05/26/1995

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CIR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SIF

PERSONNEL SUMMARY FOR: BROOKS, TX

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
640	999	0	1,766

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	187	0	0	0	0	187
Enlisted	0	111	0	0	0	0	111
Students	0	0	0	0	0	0	0
Civilians	0	-222	0	0	0	0	-222
TOTAL	0	76	0	0	0	0	76

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
827	1,110	0	1,544

PERSONNEL REALIGNMENTS:

To Base: KELLY, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	19	0	0	0	19
Enlisted	0	0	128	0	0	0	128
Students	0	0	0	0	0	0	0
Civilians	0	0	228	0	0	0	228
TOTAL	0	0	375	0	0	0	375

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	26	0	0	0	26
Enlisted	0	0	89	0	0	0	89
Students	0	0	0	0	0	0	0
Civilians	0	0	53	0	0	0	53
TOTAL	0	0	168	0	0	0	168

To Base: LACKLAND, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	4	0	0	0	4
Enlisted	0	0	130	0	0	0	130
Students	0	0	0	0	0	0	0
Civilians	0	0	12	0	0	0	12
TOTAL	0	0	146	0	0	0	146

TOTAL PERSONNEL REALIGNMENTS (Out of BROOKS, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	49	0	0	0	49
Enlisted	0	0	347	0	0	0	347
Students	0	0	0	0	0	0	0
Civilians	0	0	293	0	0	0	293
TOTAL	0	0	689	0	0	0	689

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-25	0	0	0	-25
Enlisted	0	0	-138	0	0	0	-138
Civilians	0	0	-103	0	0	0	-103
TOTAL	0	0	-266	0	0	0	-266

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
753	625	0	1,148

PERSONNEL SUMMARY FOR: KELLY, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
801	3,419	0	12,678

PERSONNEL REALIGNMENTS:

From Base: BROOKS, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	19	0	0	0	19
Enlisted	0	0	128	0	0	0	128
Students	0	0	0	0	0	0	0
Civilians	0	0	228	0	0	0	228
TOTAL	0	0	375	0	0	0	375

TOTAL PERSONNEL REALIGNMENTS (Into KELLY, TX)

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	19	0	0	0	19
Enlisted	0	0	128	0	0	0	128
Students	0	0	0	0	0	0	0
Civilians	0	0	228	0	0	0	228
TOTAL	0	0	375	0	0	0	375

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
820	3,547	0	12,906

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: BROOKS, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	26	0	0	0	26
Enlisted	0	0	89	0	0	0	89
Students	0	0	0	0	0	0	0
Civilians	0	0	53	0	0	0	53
TOTAL	0	0	168	0	0	0	168

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	26	0	0	0	26
Enlisted	0	0	89	0	0	0	89
Students	0	0	0	0	0	0	0
Civilians	0	0	53	0	0	0	53
TOTAL	0	0	168	0	0	0	168

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CHR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SIF

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 762	----- 3,352	----- 0	----- 11,508

PERSONNEL SUMMARY FOR: LACKLAND, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
----- 1,787	----- 4,738	----- 0	----- 2,578

PERSONNEL REALIGNMENTS:

From Base: BROOKS, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	4	0	0	0	4
Enlisted	0	0	130	0	0	0	130
Students	0	0	0	0	0	0	0
Civilians	0	0	12	0	0	0	12
TOTAL	0	0	146	0	0	0	146

TOTAL PERSONNEL REALIGNMENTS (Into LACKLAND, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	4	0	0	0	4
Enlisted	0	0	130	0	0	0	130
Students	0	0	0	0	0	0	0
Civilians	0	0	12	0	0	0	12
TOTAL	0	0	146	0	0	0	146

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 1,791	----- 4,868	----- 0	----- 2,590

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 07:44 05/26/1995, Report Created 07:45 05/26/1995

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.DFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	293	0	0	0	293
Early Retirement*	10.00%	0	0	5	0	0	0	5
Regular Retirement*	5.00%	0	0	3	0	0	0	3
Civilian Turnover*	15.00%	0	0	8	0	0	0	8
Civs Not Moving (RIFs)*+		0	0	3	0	0	0	3
Civilians Moving (the remainder)		0	0	274	0	0	0	274
Civilian Positions Available		0	0	19	0	0	0	19
CIVILIAN POSITIONS ELIMINATED		0	0	103	0	0	0	103
Early Retirement	10.00%	0	0	10	0	0	0	10
Regular Retirement	5.00%	0	0	5	0	0	0	5
Civilian Turnover	15.00%	0	0	15	0	0	0	15
Civs Not Moving (RIFs)*+		0	0	6	0	0	0	6
Priority Placement#	60.00%	0	0	62	0	0	0	62
Civilians Available to Move		0	0	5	0	0	0	5
Civilians Moving		0	0	5	0	0	0	5
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	293	0	0	0	293
Civilians Moving		0	0	279	0	0	0	279
New Civilians Hired		0	0	14	0	0	0	14
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	15	0	0	0	15
TOTAL CIVILIAN RIFs		0	0	9	0	0	0	9
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	62	0	0	0	62
TOTAL CIVILIAN NEW HIRES		0	0	14	0	0	0	14

* 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%

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CLR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

ONE-TIME COSTS -----(\$K)-----	1996 ----	1997 ----	1998 ----	1999 ----	2000 ----	2001 ----	Total -----
CONSTRUCTION							
MILCON	0	782	7,040	0	0	0	7,822
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	164	0	0	0	164
Civ Retire	0	0	63	0	0	0	63
CIV MOVING							
Per Diem	0	0	88	0	0	0	88
POV Miles	0	0	7	0	0	0	7
Home Purch	0	0	379	0	0	0	379
HHG	0	0	270	0	0	0	270
Misc	0	0	27	0	0	0	27
House Hunt	0	0	78	0	0	0	78
PPS	0	0	893	0	0	0	893
RITA	0	0	162	0	0	0	162
FREIGHT							
Packing	0	0	168	0	0	0	168
Freight	0	0	805	0	0	0	805
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	28	0	0	0	28
OTHER							
Program Plan	241	180	135	0	0	0	557
Shutdown	0	261	261	0	0	0	522
New Hire	0	0	56	0	0	0	56
1-Time Move	0	0	500	0	0	0	500
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	23	0	0	0	23
POV Miles	0	0	21	0	0	0	21
HHG	0	0	405	0	0	0	405
Misc	0	0	80	0	0	0	80
OTHER							
Elim PCS	0	0	1,023	0	0	0	1,023
OTHER							
HAP / RSE	0	0	227	0	0	0	227
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	7,000	0	0	0	7,000
TOTAL ONE-TIME	241	1,224	19,906	0	0	0	21,371

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.S\F

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	0	570	570	570	570	2,279	570
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	0	1,712	1,712	1,712	1,712	6,849	1,712
OTHER								
Mission	0	0	0	2,780	2,780	2,780	8,340	2,780
Misc Recur	0	0	0	1,050	1,050	1,050	3,150	1,050
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	2,282	6,112	6,112	6,112	20,618	6,112
 TOTAL COST	 241	 1,224	 27,188	 6,112	 6,112	 6,112	 41,989	 6,112
 ONE-TIME SAVES	 1996	 1997	 1998	 1999	 2000	 2001	 Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION								
MILCON	233	0	0	0	0	0	233	
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	0	180	0	0	0	180	
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	233	0	180	0	0	0	413	
 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	191	576	769	769	769	3,075	769
BOS	0	0	377	1,427	1,427	1,427	4,657	1,427
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	2,402	4,804	4,804	4,804	16,814	4,804
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	383	1,967	1,967	1,967	6,883	1,967
Enl Salary	0	0	2,194	4,988	4,988	4,988	17,459	4,988
House Allow	0	0	2,697	2,697	2,697	2,697	10,790	2,697
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	191	9,530	16,653	16,653	16,653	59,680	16,653
 TOTAL SAVINGS	 233	 191	 9,710	 16,653	 16,653	 16,653	 60,093	 16,653

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.C3R
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.S\F

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	-233	782	7,040	0	0	0	7,589	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	227	0	0	0	227	
Civ Moving	0	0	2,879	0	0	0	2,879	
Other	241	442	981	0	0	0	1,663	
MIL PERSONNEL								
Mil Moving	0	0	1,372	0	0	0	1,372	
OTHER								
HAP / RSE	0	0	227	0	0	0	227	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	7,000	0	0	0	7,000	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	8	1,224	15,725	0	0	0	20,957	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-191	-576	-769	-769	-769	-3,075	-769
BOS	0	0	193	-857	-857	-857	-2,378	-857
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-2,402	-4,804	-4,804	-4,804	-16,814	-4,804
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-3,477	-6,955	-6,955	-6,955	-24,343	-6,955
House Allow	0	0	-985	-985	-985	-985	-3,941	-985
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	2,780	2,780	2,780	8,340	2,780
Misc Recur	0	0	0	1,050	1,050	1,050	3,150	1,050
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-191	-7,248	-10,541	-10,541	-10,541	-39,062	-10,541
TOTAL NET COST	8	1,033	12,478	-10,541	-10,541	-10,541	-18,104	-10,541

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.C3R
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.S\F

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
----	-----	-----	-----	-----	-----
BROOKS	-955	-27%	-418,000	-22%	438
KELLY	375	2%	0	0%	0
BASE X	168	1%	0	0%	0
LACKLAND	146	2%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
----	-----	-----	-----	-----	-----	-----
BROOKS	-769,422	-20%	806	-1,426,729	-16%	1,494
KELLY	0	0%	0	210,157	1%	560
BASE X	0	0%	0	145,737	1%	867
LACKLAND	0	0%	0	213,779	1%	1,464

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
----	-----	-----	-----
BROOKS	-2,196,151	-17%	2,300
KELLY	210,157	1%	560
BASE X	145,737	0%	867
LACKLAND	213,779	1%	1,464

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 07:44 05/26/1995, Report Created 07:45 05/26/1995

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.C3R
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-191	-576	-709	-769	-769	-3,075	-769
BOS Change	0	0	193	-817	-857	-857	-2,378	-857
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-191	-383	-1,626	-1,626	-1,626	-5,454	-1,626

INPUT DATA REPORT (COBRA v5.08)
Data As Of 07:44 05/26/1995, Report Created 07:45 05/26/1995

Department : Air Force
Option Package : Brooks Cantonment
Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SIF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
BROOKS, TX	Realignment
KELLY, TX	Realignment
BASE X	Realignment
LACKLAND, TX	Realignment

Summary:

COMMISSION REQUEST: THIS DOES NOT REPRESENT AN AIR FORCE POSITION.
COMMUNITY PROPOSAL: Kelly AFB supplies BOS, AF determined cantonment area
Retain HSC, AL, SAM, AFCEE, YA, and minor tenants
68 Intel Squadron and 710 Intel Flight (AFRES) relocates to Lackland AFB
MFH retained at Brooks, QOL applied, based on community concept of ops
Commission Tasker: 950504-3, RT Tasker: RT0481

(See final page for Explanatory Notes)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
BROOKS, TX	KELLY, TX	11 mi
BROOKS, TX	BASE X	1,000 mi
BROOKS, TX	LACKLAND, TX	11 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from BROOKS, TX to KELLY, TX

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	19	0	0	0
Enlisted Positions:	0	0	128	0	0	0
Civilian Positions:	0	0	228	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	2,405	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	19	0	0	0
Heavy/Special Vehicles:	0	0	15	0	0	0

Transfers from BROOKS, TX to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	26	0	0	0
Enlisted Positions:	0	0	89	0	0	0
Civilian Positions:	0	0	53	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	328	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 : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from BROOKS, TX to LACKLAND, TX

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	4	0	0	0
Enlisted Positions:	0	0	130	0	0	0
Civilian Positions:	0	0	12	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

(See final page for Explanatory Notes)

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BROOKS, TX

Total Officer Employees:	640	RPMA Non-Payroll (\$K/Year):	3,765
Total Enlisted Employees:	999	Communications (\$K/Year):	192
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	8,585
Total Civilian Employees:	1,766	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	19.0%	Family Housing (\$K/Year):	1,205
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):	1,918	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	AF009
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	Yes
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):	3,881
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:	0.87
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:	43
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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

Department : Air Force
 Option Package : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: LACKLAND, TX

Total Officer Employees:	1,787	RPM Non-Payroll (\$K/Year):	6,730
Total Enlisted Employees:	4,738	Communications (\$K/Year):	663
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	24,111
Total Civilian Employees:	2,578	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	21.0%	Family Housing (\$K/Year):	3,991
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):	10,008	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	AF046
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: BROOKS, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	7,000	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	500	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	2,780	2,780	2,780
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	1,050	1,050	1,050
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	10%	90%	0%	0%	0%
Shutdown Schedule (%):	0%	50%	50%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	233	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):	418					
						Perc Family Housing ShutDown: 0.0%

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%	10%	90%	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 : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CBR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

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	Perc Family Housing ShutDown:				0.0%

Name: LACKLAND, 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%	10%	90%	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: BROOKS, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	187	0	0	0	0
Enl Force Struc Change:	0	111	0	0	0	0
Civ Force Struc Change:	0	-222	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-25	0	0	0
Enl Scenario Change:	0	0	-138	0	0	0
Civ Scenario Change:	0	0	-103	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 : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CIR
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: BROOKS, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
MILCON	OTHER	0	0	5,000
P&d	OTHER	0	0	425

Name: KELLY, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
MILCON MINOR	OTHER	0	0	1,000
P&D	OTHER	0	0	85

Name: LACKLAND, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ADAL INTEL OPS	OTHER	0	0	1,046
COMM	OTHER	0	0	158
P&D	OTHER	0	0	108

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:	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 : Brooks Cantonment
 Scenario File : R:\COBRA\25MAY95\BRO-COMM.CER
 Std Fctrs File : R:\COBRA\18MAY95\DEPOTFIN.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
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			

EXPLANATORY NOTES (INPUT SCREEN NINE)

Vehicle data provided by telecon, 1/5/95

One-Time Moving, One-Time Unique, provided AFMC 04/30/95-5/3/95

MILCON data AFMC 5/15/95

Personnel AF/PE 5/15/95



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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 MG JOSUE ROBLES, JR., USA (RET)
 WENDI LOUISE STEELE

May 4, 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

121
 Please refer to this number
 when responding 950504-4

Dear General Blume:

We request you conduct an alternative COBRA run on the Williams-Mesa redirect (scenario Williams.CBR) with the following assumptions.

- a. Move Armstrong Lab from Mesa to Luke AFB.
- b. Save BOS and RPMA at Williams.
- c. Estimate moving expense based on tons of equipment at Armstrong Lab to move to Luke to conduct mission.
- d. Pay no moving cost for personnel (move within 50 miles)
- e. Estimate any additional MilCon to include rehabilitation or modifications required at Luke AFB to accommodate Armstrong Lab.

In order to assist the Commission in its work, we request this information to be provided no later than 19 May, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE
 Air Force Team Leader

FOR

- Pulled -
 Not Sent

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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WENDI LOUISE STEELE

April 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

108
Please refer to this number
when responding 950427-2

Dear General Blume:

We would like to change the assumptions of a previous request for additional COBRA runs. In a 6 April letter requesting three COBRA runs on F.E. Warren AFB we incorrectly assumed we could accelerate the deactivation of Peacekeeper and thus get a full closure of F.E. Warren AFB. We have since been informed that this action is not allowable. Therefore, we would like to cancel our request for the Level Playing Field COBRA run and complete closure COBRA for F.E. Warren AFB. However, we would still like a realignment COBRA run on F.E. Warren AFB with the following assumptions.

- a. Realignment of F.E. Warren AFB deactivating the Minuteman III wing but leaving the number of Peacekeeper missiles scheduled to remain in 2001.
- b. Use the same assumptions as were used in the DoD recommendation to focus Grand Forks AFB (i.e., partial BOS and personnel savings taken for missile wing deactivation.) Take savings for both Minuteman III and Peacekeeper.
- c. Move the 20th AF Headquarters to Malmstrom AFB. **This is a change to our previous request directing the 20th to Falcon AS.**

We understand the force structure savings for deactivation of a missile wing has already been taken in the Air Force POM but we need a COBRA conducted with the same assumptions as the previously requested Malmstrom AFB closure COBRA to conduct an apples-to-apples comparison. Please provide your response in both hard copy and electronic format.

In order to assist the Commission in its work, we request this information to be provided no later than May 2, 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



28 APR 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

108

Dear Mr. Cirillo

This is in response to your April 26, 1995, request to accomplish a realignment COBRA run on F.E. Warren AFB (Commission reference: 950427-2, AF/RT reference: RT-361)

Your request for realignment of F.E. Warren AFB is attached. This COBRA run is based on certified data, but the costs and savings may not be considered in their entirety as BRAC costs or savings. All costs and savings associated with a missile field closure have 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. Hardcopy Cobra
2. Electronic Cobra



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
 1700 NORTH MOORE STREET SUITE 1425
 ARLINGTON, VA 22209
 703-696-0504

April 6, 1995

ALAN J. DIXON, CHAIRMAN

COMMISSIONERS:
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 RADM BENJAMIN F. MONTOYA, USN (RET)
 MG JOSUE ROBLES, JR., USA (RET)
 WENDI LOUISE STEELE

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 that you conduct COBRA runs on F.E. Warren AFB. An option to realign F.E. Warren AFB was presented by the Minot AFB community at the Grand Forks Regional Hearing on 30 March. To evaluate this option, we would like three separate COBRA runs conducted on F.E. Warren AFB with the following assumptions.

a. Level Playing Field run with the same assumptions as for Grand Forks AFB, Malmstrom AFB, and Minot AFB Level Playing Fields (i.e., no BOS or personnel savings for Minuteman III and Peacekeeper shutdown) Minuteman III shutdown savings already taken in Air Force budget and Peacekeeper drawdown scheduled to begin inside BRAC-95 implementation period. Assume Peacekeeper savings as a force structure change.

Move 20 AF HQ to malmstrom

b. Realignment of F.E. Warren AFB closing Minuteman III but leaving the number of Peacekeeper missiles equal to the number projected to be remaining in 2001. Use the same assumptions as were used in the DoD recommendation to focus Grand Forks AFB (i.e., partial BOS and personnel savings taken for missile wing deactivation.) Take savings for both Minuteman III and Peacekeeper.....

c. Complete closure of F.E. Warren AFB using same assumptions as were used in recent Commission request to completely close Malmstrom AFB (i.e., BOS and personnel savings taken for deactivation of missile wings.) Move the 20th AF Headquarters to Falcon AS.

Malmstrom

In order to assist the Commission in its work, we request this information to be provided no later than April 26, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE
 Air Force Team Leader

Lt Col O'Neill



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
AFLINGTON, VA 22209
703-696-0504

ALAN J. DIXON, CHAIRMAN

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MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

April 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 950427-2

Dear General Blume:

We would like to change the assumptions of a previous request for additional COBRA runs. In a 6 April letter requesting three COBRA runs on F.E. Warren AFB we incorrectly assumed we could accelerate the deactivation of Peacekeeper and thus get a full closure of F.E. Warren AFB. We have since been informed that this action is not allowable. Therefore, we would like to cancel our request for the Level Playing Field COBRA run and complete closure COBRA for F.E. Warren AFB. However, we would still like a realignment COBRA run on F.E. Warren AFB with the following assumptions.

- a. Realignment of F.E. Warren AFB deactivating the Minuteman III wing but leaving the number of Peacekeeper missiles scheduled to remain in 2001.
- b. Use the same assumptions as were used in the DoD recommendation to focus Grand Forks AFB (i.e., partial BOS and personnel savings taken for missile wing deactivation.) Take savings for both Minuteman III and Peacekeeper.
- c. Move the 20th AF Headquarters to Malmstrom AFB. This is a change to our previous request directing the 20th to Falcon AS.

We understand the force structure savings for deactivation of a missile wing has already been taken in the Air Force POM but we need a COBRA conducted with the same assumptions as the previously requested Malmstrom AFB closure COBRA to conduct an apples-to-apples comparison. Please provide your response in both hard copy and electronic format.

In order to assist the Commission in its work, we request this information to be provided no later than May 2, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo, Jr., PE
Air Force Team Leader

Revision to
TASKER 361

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 1/2
 Data As Of 10:19 04/28/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW\1801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

Starting Year : 1996
 Final Year : 2001
 ROI Year : 2004 (3 Years)

NPV in 2015(\$K): -126,796
 1-Time Cost(\$K): 84,367

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	559	5,031	0	0	0	5,590	0
Person	0	0	-5,214	-14,581	-14,581	-14,798	-49,175	-15,110
Overhd	417	204	-246	-907	-919	-942	-2,392	-965
Moving	0	2,000	2,869	2,700	2,000	2,058	11,627	0
Missio	0	0	0	0	0	0	0	0
Other	63,000	0	199	0	0	7	63,205	0
TOTAL	63,417	2,763	2,638	-12,788	-13,500	-13,675	28,855	-16,075

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	1	0	0	1	2
Enl	0	0	368	0	0	6	374
Civ	0	0	22	0	0	5	27
TOT	0	0	391	0	0	12	403

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	43	0	0	0	43
Enl	0	0	60	0	0	0	60
Stu	0	0	0	0	0	0	0
Civ	0	0	5	0	0	0	5
TOT	0	0	108	0	0	0	108

Summary:

 THIS COBRA RUN WAS REQUESTED BY THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION. IT DOES NOT REFLECT AIR FORCE POSITION.
 Realigns F.E. Warren, deactivates MM III with Peacekeeper missile drawdown
 Same assumptions used for savings as used in recommendation COBRA

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	0	559	5,031	0	0	0	5,590	0
Person	0	0	2,603	440	440	488	3,970	440
Overhd	510	486	658	219	209	201	2,284	178
Moving	0	2,000	3,031	2,700	2,000	2,058	11,788	0
Missio	0	0	0	0	0	0	0	0
Other	63,000	0	199	0	0	7	63,205	0
TOTAL	63,510	3,045	11,521	3,359	2,649	2,753	86,839	618

Savings (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	0	0	0	0	0	0	0	0
Person	0	0	7,817	15,021	15,021	15,285	53,145	15,550
Overhd	94	281	904	1,126	1,127	1,143	4,677	1,143
Moving	0	0	162	0	0	0	162	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	94	281	8,883	16,147	16,149	16,429	57,984	16,693

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	63,416,950	62,562,549	62,562,549
1997	2,763,466	2,613,269	65,215,818
1998	2,638,327	2,465,324	67,681,143
1999	-12,788,319	-11,629,929	56,051,213
2000	-13,499,849	-11,848,426	44,102,788
2001	-13,675,450	-11,779,898	32,322,889
2002	-16,075,514	-13,476,682	18,846,207
2003	-16,075,514	-13,115,992	5,730,215
2004	-16,075,514	-12,764,956	-7,034,741
2005	-16,075,514	-12,423,315	-19,458,055
2006	-16,075,514	-12,090,817	-31,548,873
2007	-16,075,514	-11,767,219	-43,316,091
2008	-16,075,514	-11,452,281	-54,768,372
2009	-16,075,514	-11,145,772	-65,914,145
2010	-16,075,514	-10,847,467	-76,761,612
2011	-16,075,514	-10,557,145	-87,318,757
2012	-16,075,514	-10,274,594	-97,593,351
2013	-16,075,514	-9,999,605	-107,592,956
2014	-16,075,514	-9,731,976	-117,324,932
2015	-16,075,514	-9,471,509	-126,796,441

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINA...SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	5,590,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		5,590,000
Personnel		
Civilian RIF	18,190	
Civilian Early Retirement	16,791	
Civilian New Hires	0	
Eliminated Military PCS	2,172,898	
Unemployment	3,132	
Total - Personnel		2,211,011
Overhead		
Program Planning Support	322,446	
Mothball / Shutdown	1,250,000	
Total - Overhead		1,572,446
Moving		
Civilian Moving	133,939	
Civilian PPS	259,200	
Military Moving	446,109	
Freight	249,219	
One-Time Moving Costs	10,700,000	
Total - Moving		11,788,468
Other		
HAP / RSE	205,529	
Environmental Mitigation Costs	0	
One-Time Unique Costs	63,000,000	
Total - Other		63,205,529
Total One-Time Costs		84,367,455
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	161,710	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		161,710
Total Net One-Time Costs		84,205,745

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
Option Package : Commission B revised
Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW 1801.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
FE WARREN	0	0	0	0	0
MALMSTROM	5,590	0	0	0	5,590
BASE X	0	0	0	0	0
Totals:	5,590	0	0	0	5,590

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW1'801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL SUMMARY FOR: FE WARREN, WY

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
----- 578	----- 2,987	----- 0	----- 575

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-62	-65	-66	-3	-40	-60	-296
Enlisted	-185	-247	-48	-167	-95	-131	-873
Students	0	0	0	0	0	0	0
Civilians	-19	-27	-13	-2	-28	-26	-115
TOTAL	-266	-339	-127	-172	-163	-217	-1,284

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
----- 282	----- 2,114	----- 0	----- 460

PERSONNEL REALIGNMENTS:

To Base: MALMSTROM, MT

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	43	0	0	0	43
Enlisted	0	0	60	0	0	0	60
Students	0	0	0	0	0	0	0
Civilians	0	0	5	0	0	0	5
TOTAL	0	0	108	0	0	0	108

TOTAL PERSONNEL REALIGNMENTS (Out of FE WARREN, WY):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	43	0	0	0	43
Enlisted	0	0	60	0	0	0	60
Students	0	0	0	0	0	0	0
Civilians	0	0	5	0	0	0	5
TOTAL	0	0	108	0	0	0	108

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-1	0	0	-1	-2
Enlisted	0	0	-368	0	0	-6	-374
Civilians	0	0	-22	0	0	-5	-27
TOTAL	0	0	-391	0	0	-12	-403

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 237	----- 1,680	----- 0	----- 428

PERSONNEL SUMMARY FOR: MALMSTROM, MT

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
----- 613	----- 3,578	----- 0	----- 431

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-3	0	0	0	0	-3
Enlisted	0	4	0	0	0	0	4
Students	0	0	0	0	0	0	0
Civilians	0	-21	0	0	0	0	-21
TOTAL	0	-20	0	0	0	0	-20

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 2
 Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINA..SFF

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
610	3,582	0	410

PERSONNEL REALIGNMENTS:

From Base: FE WARREN, WY

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	43	0	0	0	43
Enlisted	0	0	60	0	0	0	60
Students	0	0	0	0	0	0	0
Civilians	0	0	5	0	0	0	5
TOTAL	0	0	108	0	0	0	108

TOTAL PERSONNEL REALIGNMENTS (Into MALMSTROM, MT):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	43	0	0	0	43
Enlisted	0	0	60	0	0	0	60
Students	0	0	0	0	0	0	0
Civilians	0	0	5	0	0	0	5
TOTAL	0	0	108	0	0	0	108

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
653	3,642	0	415

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

TOTAL PERSONNEL IMPACT REPORT ((OBRA v5.08)
Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
Option Package : Commission B revised
Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	5	0	0	0	5
Early Retirement*	10.00%	0	0	1	0	0	0	1
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	0	0	1	0	0	0	1
Civs Not Moving (RIFs)*+		0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	3	0	0	0	3
Civilian Positions Available		0	0	2	0	0	0	2
CIVILIAN POSITIONS ELIMINATED		0	0	22	0	0	5	27
Early Retirement	10.00%	0	0	2	0	0	1	3
Regular Retirement	5.00%	0	0	1	0	0	0	1
Civilian Turnover	15.00%	0	0	3	0	0	1	4
Civs Not Moving (RIFs)*+		0	0	1	0	0	0	1
Priority Placement#	60.00%	0	0	13	0	0	3	16
Civilians Available to Move		0	0	2	0	0	0	2
Civilians Moving		0	0	2	0	0	0	2
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	5	0	0	0	5
Civilians Moving		0	0	5	0	0	0	5
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	3	0	0	1	4
TOTAL CIVILIAN RIFS		0	0	1	0	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	13	0	0	3	16
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

+ 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 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	0	559	5,031	0	0	0	5,590
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
OSM							
CIV SALARY							
Civ RIF	0	0	18	0	0	0	18
Civ Retire	0	0	12	0	0	4	17
CIV MOVING							
Per Diem	0	0	2	0	0	0	12
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	57	0	0	0	57
HHG	0	0	12	0	0	0	32
Misc	0	0	3	0	0	0	3
House Hunt	0	0	7	0	0	0	7
PPS	0	0	201	0	0	58	259
RITA	0	0	12	0	0	0	22
FREIGHT							
Packing	0	0	27	0	0	0	27
Freight	0	0	222	0	0	0	222
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	3	0	0	0	3
OTHER							
Program Plan	98	73	55	41	31	23	322
Shutdown	412	412	425	0	0	0	1,250
New Hire	0	0	0	0	0	0	0
1-Time Move	0	2,000	2,000	2,700	2,000	2,000	10,700
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	4	0	0	0	4
POV Miles	0	0	3	0	0	0	3
HHG	0	0	367	0	0	0	367
Misc	0	0	7	0	0	0	72
OTHER							
Elim PCS	0	0	2,125	0	0	44	2,173
OTHER							
HAP / RSE	0	0	199	0	0	7	205
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	63,000	0	0	0	0	0	63,000
TOTAL ONE-TIME	63,510	3,045	10,904	2,741	2,031	2,136	84,367

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW1' 801.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	15	15	15	15	60	15
BOS	0	0	163	163	163	163	652	163
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	0	440	440	440	440	1,759	440
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	0	618	618	618	618	2,471	618
TOTAL COST	63,510	3,045	11,520	3,359	2,649	2,753	86,839	618
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	0	162	0	0	0	162	
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	0	162	0	0	0	162	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	94	281	473	571	571	571	2,563	571
BOS	0	0	430	555	556	572	2,114	572
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	513	1,026	1,026	1,143	3,708	1,259
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	39	79	79	118	315	157
Enl Salary	0	0	6,651	13,302	13,302	13,411	46,667	13,519
House Allow	0	0	614	614	614	614	2,455	614
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	94	281	8,721	16,147	16,149	16,429	57,822	16,693
TOTAL SAVINGS	94	281	8,883	16,147	16,149	16,429	57,984	16,693

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
 Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW1\801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	559	5,001	0	0	0	5,590	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	1	0	0	4	35	
Civ Moving	0	0	585	0	0	58	642	
Other	510	2,486	-2,483	2,741	2,031	2,023	12,275	
MIL PERSONNEL								
Mil Moving	0	0	2,413	0	0	44	2,457	
OTHER								
HAP / RSE	0	0	199	0	0	7	205	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	63,000	0	0	0	0	0	63,000	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	63,510	3,045	10,742	2,741	2,031	2,136	84,206	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-94	-281	-453	-556	-556	-556	-2,503	-556
BOS.	0	0	-267	-392	-393	-409	-1,462	-409
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-513	-1,026	-1,026	-1,143	-3,708	-1,259
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-6,690	-13,381	-13,381	-13,529	-46,982	-13,677
House Allow	0	0	-174	-174	-174	-174	-696	-174
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	-94	-281	-8,104	-15,530	-15,531	-15,811	-55,351	-16,075
TOTAL NET COST	63,417	2,763	2,638	-12,788	-13,500	-13,675	28,855	-16,075

PERSONNEL, SF, RPMA, AND BOS DELTA: (COBRA v5.08)
 Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW1 801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
FE WARREN	-511	-18%	-1,000,000	-22%	1,957
MALMSTROM	108	2%	33,356	1%	309
BASE X	0	0%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
FE WARREN	-571,308	-20%	1,118	-572,150	-10%	1,120
MALMSTROM	14,929	1%	138	163,007	1%	1,509
BASE X	0	0%	0	0	0%	0

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
FE WARREN	-1,143,458	-15%	2,238
MALMSTROM	177,935	1%	1,647
BASE X	0	0%	0

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 10:19 04/26/1995, Report Created 12:13 04/28/1995

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINA..SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-94	-281	-458	-556	-556	-556	-2,503	-556
BOS Change	0	0	-267	-392	-393	-409	-1,462	-409
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	-94	-281	-726	-948	-950	-965	-3,965	-965

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW 1801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN.L.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MALMSTROM, MT

Total Officer Employees:	613	RPMA Non-Payroll (\$K/Year):	2,157
Total Enlisted Employees:	3,578	Communications (\$K/Year):	796
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,192
Total Civilian Employees:	431	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	6,700
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):	4,481	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF053
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	77	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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

(See final page for Explanatory Notes)

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FE WARREN, WY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	63,000	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	2,000	2,000	2,700	2,000	2,000
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):	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):	1,000	Perc Family Housing ShutDown:				0.0%

(See final page for Explanatory Notes)

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MALMSTROM, MT

	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%	10%	90%	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(%):	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):	0	Perc Family Housing ShutDown:				0.0%

(See final page for Explanatory Notes)

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FE WARREN, WY

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-62	-65	-63	-3	-40	-60
Enl Force Struc Change:	-185	-247	-43	-167	-95	-131
Civ Force Struc Change:	-19	-27	-13	-2	-28	-26
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	-1
Enl Scenario Change:	0	0	-36	0	0	-6
Civ Scenario Change:	0	0	-2	0	0	-5
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 : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEW11801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MALMSTROM, MT

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-3	0	0	0	0
Enl Force Struc Change:	0	4	0	0	0	0
Civ Force Struc Change:	0	-21	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

(See final page for Explanatory Notes)

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MALMSTROM, MT

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Headquarters	OTHER	33,356	0	5,000
Plan	OTHER	0	0	450
	OTHER	0	0	140

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 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%

Department : Air Force
 Option Package : Commission B revised
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\FEWT1801.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINA...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. Manpower numbers changed to reflect non Air Force tenants

from 578/2966/530 to 578/2987/575

6. Missile BOS Savings 2/74/27. Missile Security Police Savings

0/300/0. Missile WG/GP overhead savings 0/0/0.

5. 1 Time move reflects missile movement costs, \$13 million reflects

REACT costs

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

April 21, 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
Special Assistant to the Chief of Staff for Base Realignment and Transition
1670 Air Force Pentagon
Washington, D.C. 20330-1670

Dear General Blume:

Thank you for your recent testimony before the Commission regarding the recommendations of the DOD Joint Cross Service Groups. In order to support the Commission's review of the armed forces' medical infrastructure requirements, please provide the Air Force COBRA and other appropriate analyses for the following two options regarding Wilford Hall USAF Medical Center:

-- Realign Lackland Air Force Base by converting Wilford Hall USAF Medical Center into an outpatient clinic and eliminating all acute care inpatient capability. Maintain capacity at Wilford Hall to include an ambulatory care capability, an appropriate and cost effective outpatient surgery capability and sufficient "medical hold" or sub-acute care beds to support the recruit training mission at Lackland Air Force Base.

-- Realign Lackland Air Force Base by converting Wilford Hall USAF Medical Center into a community hospital. Transfer all graduate medical education to other medical centers. Maintain the autologous bone marrow transplant program at Wilford Hall as a satellite of Brooks Army Medical Center.

Please include the overall feasibility, cost, quality, and access implications of the alternatives in your documentation.

The Commission needs this information by May 5, 1995. Thank you for your assistance. I appreciate your time and cooperation.

Sincerely,



Benton L. Borden
Director of Review and Analysis

102
950424-12

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950424-12

FROM: BORDEN, BEN	TO: Blume, JMS
TITLE: DIRECTOR OF R & A	TITLE: SPECIAL
ORGANIZATION: DBRC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (S) DISCUSSED: WILFORD HILL USAF MEDICAL CENTER	

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

TYP: 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:

REQUESTING AIR FORCE CORBA AND OTHER APPROPRIATE
 AVAILABLES FOR TWO OPTIONS REGARDING
 WILFORD HALL USAF MEDICAL CENTER

Due Date: 9	Route Date: 950424	Date Originated: 950421	Mail Date: 950421
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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON DC

- 5 MAY 1995

MEMORANDUM FOR THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
ATTN: MR. BORDEN

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

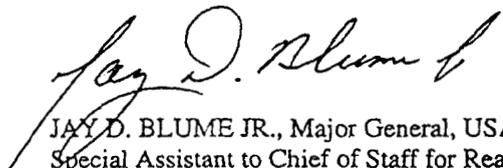
SUBJECT: Request for Analyses - WHMC Medical Center (Your Ltr 21 Apr 95)

We received your tasker on 27 April 1995 requesting Air Force cost of base realignment actions (COBRA) and other appropriate analyses for two options regarding WHMC Medical Center (WHMC). You also requested that the overall feasibility, cost, quality, and access implications of the two options be provided. An Air Force-only evaluation of each of these options is attached.

The Air Force feels strongly in stating that WHMC is the *premier* Air Force medical facility known internationally for its specialty medical services and GME teaching programs. It has a long and distinguished history in delivering health care to a population spanning the globe and in its medical research and technology development. Any decrease in capability along the lines of the two options will impact negatively on the Air Force's wartime readiness mission and operational healthcare costs.

The Air Force performed no COBRAs on WHMC during the Service's review or in the Medical Joint Cross-Service Group's study. The Air Force prefers to facilitate medical mission changes programmatically rather than through BRAC law in order to maintain a degree of flexibility in sculpting its future medical force. Flexibility is important in implementing TRICARE initiatives and delivery of healthcare to all beneficiaries. The Air Force advocates aggressive efforts in rightsizing its medical facilities based on its readiness mission, along with TRICARE, through a strategic resourcing methodology. This methodology forges the results of a population-based, demand projection, business case analysis with capitated based resource allocation and incorporates best business practices to culminate in the most effective and efficient use of healthcare resources. Using these tools will methodically and purposely eliminate duplication of services and provide for an optimum product-line and personnel mix.

We are unable to complete the requested COBRA analysis within the time constraints of your request. The Air Force has serious operational concerns with these proposed actions and believes COBRA analysis, even if available, should not be a decisive factor. Please contact Col Mayfield, HQ USAF/RTR, at DSN 225-6766 if you have any questions.


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

Attachment:
As Stated

cc:
OASD/HA
HQ USAF/SG

Response To Base Realignment And Closure (BRAC) Commission's Options

For

WHMC USAF Medical Center (WHMC)

Introduction

The Air Force does not support any BRAC initiative that eliminates a major Air Force medical presence in the San Antonio region. By any standard, the Air Force is the major Service component represented in the San Antonio area. Operationally, it is home to the only Air Force induction and basic military training center. It contains four major Air Force installations, including two major commands, with WHMC representing the total Air Force bed capacity. Air Force beneficiaries outnumber other service beneficiaries by an overwhelming margin. Medically, WHMC is the flagship of the Air Force Medical Service. It is the largest, single contributor to our readiness capability, houses 34 percent of our GME training programs of which 27 are unique to WHMC, and accounts for 41% of the total physician training man-years, is the only designated Specialty Treatment Center in the Air Force, as well as its only operating Level 1 Trauma Center.

A large patient population and teaching infrastructure is absolutely essential to generate the volume and types of patients required to support graduate medical education and other specialty training programs. The Air Force has only one such hospital in their system and depends on WHMC as the foundation on which the remainder of the Air Force and DoD regional healthcare system is designed. The other three graduate medical education sites are very limited in their scope, capability, demand and capacity.

Evaluation of both options proposed for WHMC involve a review of three major functions: 1) medical readiness; 2) clinical capability (to include graduate medical education); and 3) managed care. Each of these topics impact on cost, quality, access, and feasibility are discussed in detail below. It is impossible to separate any of these issues and fully understand the significance of WHMC's status as the "flagship" for Air Force medicine. Any dramatic change in the operational capability of WHMC threatens the viability of the entire Air Force Medical Service (AFMS) structure. It is not just the Air Force structure that is threatened by the options. The Air Force's substantial DoD mission is magnified by support of the entire San Antonio community. This total demand forced establishment of a consolidated WHMC/BAMC operating Level 1 Trauma training center. This unique mission is integral to the support of the 56 training programs and four organ transplant missions and the entire DoD medical readiness mission. In addition, a portion of the civilian indigent health care in San Antonio is supported through Congressional appropriations. In essence, the total demand generated by Lackland AFB and its external forces continue to support the requirement for WHMC. Brooke Army Medical Center (BAMC) has practically no physical capacity to support this demand. In addition, the

worldwide referral pattern also focuses on WHMOC's tertiary and quaternary care capabilities and any reduction in capability, as it exists today, will degrade the overall AFMS mission effectiveness. Most critically, relocating our readiness missions, training programs and redesigning the entire DOD and AFMS referral process will raise costs and lower access to specialty and subspecialty healthcare and the quality of this care.

The Military Health Service System (MHSS) is sensitive to structuring itself to the needs of the world-wide community it serves, and is aggressively addressing this issue outside the BRAC process. In San Antonio, the new Army Medical Center at Ft Sam Houston is built recognizing the size and capability of WHMOC, eliminating duplication of services and creating economies of scale. In pursuing our local GME and services realignment in San Antonio, the designated operating capacity of WHMOC has been judiciously decreased from 1,000 beds to its present level of 530. Additional economies in this community may be warranted; however, it is the position of the Air Force and DOD that such actions be incorporated through careful and programmatic analyses of all pertinent factors. Weaknesses in the Joint Cross-Service Group (JCSG) model were evident in its handling of referral flow patterns, neglect of BRAC closure nominees, and an inordinate reliance on the age of facilities without regard to overall operational considerations. By any measure of merit, other than facility age, the major medical player in San Antonio is the Air Force. WHMOC, despite its relatively age, is a modern, extremely well-equipped, and efficient facility.

Medical Readiness

WHMOC has the largest single medical deployment mission in the Air Force. It consists of the following personnel and equipment packages: a 750-bed contingency hospital, an air transportable hospital, three 40-bed hospital surgical expansion teams, and various other taskings totaling 1360 personnel and involving 26 Unit Type Codes (UTC's).

Transfer of these taskings is impossible without moving existing medical subspecialties. Certain medical specialties are nearly 100% utilized throughout the AFMS. These include surgery, urology, aerospace medicine, anesthesiology, nephrology, pulmonary/critical care, and associated ancillary support which must be retained and relocated to other medical centers. With WHMOC deployable specialty capability representing 20-30% of the total AFMS readiness mission, these taskings then could be relocated, but not without substantial medical military construction (MILCON) costs and redistribution of referral workload. Again, the demand for these critical subspecialties already exists in the greater San Antonio area and is increased by the existing AFMS referrals. These subspecialties are also integral to meeting the American College of Surgeon's Level I trauma center requirements as well as the national accreditation requirements for the 33 medical residences and fellowships currently located at WHMOC. To challenge the need for WHMOC is to challenge the very essence of the AFMS delivery system and compromises our readiness mission creating a shortfall in critical specialty areas.

World events challenged the personnel assigned to this facility. During, Operation Desert Storm (ODS) tasked 1047 personnel from WHMC. Similarly, taskings for operations other than war (OOTW) locations such as Haitian/Cuban support (424 personnel) have been supported by deployments from WHMC. The Air Force's most effectively trained trauma personnel either are based at WHMC or have rotated through its Level I Trauma center. Deployment requirements tasked to smaller AFMS medical facilities often force a degradation of beneficiary care. WHMC must experience a very large tasking before this would occur.

The Air Force blood program receives 25-30% of its total annual support from WHMC. This is achievable since Lackland AFB is the induction and basic military training site for the entire Air Force. WHMC also has the casualty reception center for the entire San Antonio area. This 50-bed aeromedical staging facility (expandable to 250-beds) supports casualty reception in peace and war. Casualties returning from Just Cause, Operation Desert Storm, and other humanitarian peacetime operations are sent to San Antonio for care and most frequently to WHMC for treatment. WHMC is unique in its ability to provide all levels of casualty healthcare. In addition, the proximity of WHMC to a major airhead at Kelly AFB, precludes transport delays in receiving intensive care in a medical center environment. These capabilities must continue in the San Antonio area.

WHMC's extensive medical capabilities and leadership places them at the forefront in deployable specialty care. An example is the development of the Mobile Field Surgical Team (MFST) and Critical Care Transport (CCT) Teams. These unique capabilities are designed to deliver highly mobile, subspecialty care far forward. As a result, more critical casualties can be treated at the point of injury and then transported safely to more definitive sources of care. Both the MFST and CCT have been deployed to support of White House and Special Operations taskings. Again, this is an innovative by-product of WHMC's clinical capabilities.

WHMC and medical readiness and the AFMS cannot be separated. The vast capabilities demanded by the local community and base mission support the worldwide casualties transferred to this hospital. The entire AFMS is predicated on use of this "flagship" as the focal point for our operational readiness. Use of this focal point ensures that its graduate medical education programs turn out medical personnel who are the best qualified personnel in the world to respond to trauma in contingency situations. Diffusing this health care delivery system based upon either option proposed would drastically reduce our patient care capability and greatly increase the cost of obtaining this same capability at other locations.

Clinical Capability

WHMC represents a unique entity which would be extremely expensive to disperse or replicate anywhere in the MHSS. Located in San Antonio, it has one of the largest local beneficiary populations in the world. Over the years many military beneficiaries have relocated to San Antonio because of the vast and often unique medical services available. These include

services for many children with complex medical needs and specialties for retired groups with increasing needs for medical and surgical care. Located in southwest San Antonio, the civilian community generates over 800 cases of very serious trauma per year treated at WHMC (representing 25-33% of all cases in San Antonio). The large community combined with the large referral workload have justified the development of highly specialized services, many of which are unique in DoD.

There is limited capacity in the San Antonio area to absorb the care now being provided at WHMC particularly as it applies to quaternary services. Furthermore, there is little capacity in the MHSS to absorb the clinical training now being conducted at WHMC. Because of the national climate to reduce specialty residency programs, it would be impossible to obtain Residency Review Committee approval to reestablish military GME programs elsewhere once a WHMC program has been closed. Finally, there are both clinical services and clinical training that are unique to WHMC that could not be provided in a community hospital. These services would be difficult to defend or establish in other DoD facilities, and extremely expensive to access in the civilian community.

Realignment of WHMC as a clinic or community hospital would result in significant decrements in clinical services as well as clinical training. Providing these clinical services and clinical training in other locations would be costlier in many cases and unfeasible in many others. The overall impact on cost, quality and access to the widest range of general and highly specialized services would be severe if WHMC was realigned as a community hospital. The effects are worsened substantially if WHMC is realigned as a clinic. In both options, WHMC would be unable to provide the following services now offered by the medical center:

a. Specialized Treatment Service for autologous and allogeneic bone marrow transplantation. This requires additional clinical specialties and laboratory services not justifiable in a community hospital. This service would have to be relocated to another appropriate facility along with its vast support structure in both specialty and ancillary services. This transfer would be at great expense to the DoD.

b. Level I Trauma Services. A community hospital would not have the requisite specialty services, critical care units, patient acuity, or volume to support a full service trauma facility. WHMC has the only Air Force military trauma center which qualifies for Level I Trauma Center Certification providing this service in peacetime. This trauma center supports Mobile Surgical Team (MST) training and the Trauma and Critical Care Course for Surgeons which provides intensive refresher training for dozens of Air Force surgeons annually. The trauma center also provides the training opportunity for many Army, Navy and Air Force special forces paramedics. CBO recently lauded WHMC's trauma operation for its support of both the local community and its contribution to wartime skills preparedness of the assigned medical staff.

c. **Critical Care Units.** Critical care units are seldom provided in community hospitals. These units currently provide essential clinical services and a major training environment for numerous medical personnel as well as the newly established Critical Care Transport Teams.

d. **Emergency Services.** An estimated two thousand Code III emergency patients would be diverted or retransported to other facilities due to limited hospital capability. This introduces additional risk and morbidity to these patients and legal exposure for the Air Force.

e. **Organ Donation.** Participation in the San Antonio Emergency Medical System as a Level I Trauma Center has produced the majority of organ donors for the DoD Liver Transplant STS and the only DoD Eye Bank and it has also produced a substantial number of donors as a substantial community service. WHMC also provides a substantial number of the organs for the San Antonio donor bank.

f. **Solid organ transplant services** include the DoD Liver Transplant STS, and kidney and pancreas transplant programs. A community hospital lacks the requisite specialty services, critical care units, patient acuity or volume to support a solid organ transplant program.

g. **Specialty medical and surgical services.** No community hospitals can justify the full range of medical and surgical subspecialties. The patients generated by these subspecialties would exceed Brooke's planned capability and would be seen at substantial expense in the community. An ambulatory surgery facility would not be justified in a free standing clinic serving the military population alone.

h. **Clinical outreach services.** WHMC currently provides specialty services at outlying military facilities in DoD Region VI. These would be unsupportable as a community hospital.

i. **Reference laboratory services and specialized laboratory services** to support HIV and transplant services would no longer be required. This requirement would continue to exist and need to be transferred.

j. **A unique DoD stereotactic radiation therapy and neurosurgery capability** would no longer be justified but its requirement would continue.

k. **Inpatient mental health** currently serving Region 6 could not be justified in a community hospital. Absence of an inpatient mental health unit in the clinic scenario would seriously degrade support for the military training center at Lackland. No inpatient mental health unit is planned for BAMC.

l. Pediatric Intensive Care Unit (PICU). This is the only PICU in DoD (400 admissions per year). BAMC will not have a PICU. Local civilian facilities are frequently closed to PICU patients.

m. Extensive services for multiple handicapped children are available. These services are at WHMC principally because they serve a worldwide population. However, many active and retired personnel have relocated to the WHMC catchment area because of the availability of these specialized capabilities.

n. Neonatal Intensive Care. The 34 bed NICU supports critical neonates from a worldwide referral base. Military and civilian NICUs are often saturated; civilian NICU care is extremely expensive and very limited in capacity. Specialized services like extracorporeal membrane oxygenation (ECMO) and high frequency oxygenation would have to be sought elsewhere at great expense from one of the few such services that are available in the country. WHMC is the only in-transport ECMO in the country.

o. Dental. WHMC hosts 84% of the Air Force's dental GME program.

Both discussions on medical readiness and clinical capabilities have documented a substantial demand base supporting the population in the San Antonio area. Referrals from Region 6 in addition to the worldwide focus on WHMC as a source of many unique sources of care within the DoD compound the need for the health delivery system that WHMC represents. Clearly, immense costs would be driven to shift these services to other locations. Quality of patient care and access to the complete range of services currently offered by WHMC would not be possible. As documented earlier, removing the nucleus of the AFMS delivery system by changing the structure of WHMC threatens to severely limit the capability of the entire system resulting in shifted workload to much more costly civilian sources of care.

Similarly, clinical education for Air Force physicians, dentists, nurses, scientists and numerous other disciplines would be severely decremented in either scenario. The large San Antonio patient base, substantial worldwide referral patient demand, and designation as the only Level I Trauma training center have fostered the establishment of 56 graduate medical education programs including 33 medical residencies and fellowships. This demand has created a highly centralized Air Force Graduate Medical, Advanced Medical Education and Dental programs at WHMC.

AFMS personnel train in 119 different graduate programs. WHMC operates 40 of these training programs (34%); 27 of these programs are unique to WHMC. WHMC's training programs represent 471 of 1489 training years for all corps (32%) and 398 of 965 medical corps training years (41%).

The Air Force already has the leanest in-house GME program of the 3 Services relying upon sponsorship of trainees in civilian and military training programs and deferment of trainees in civilian programs. As a result of having only one major medical center, AF makes greatest use of civilian deferred status. Historical data show that physicians trained in civilian deferred status have poorer retention than those trained in military programs (20% vs. 40%). Having a greater proportion of physicians in civilian training requires AF to have more total physicians in GME training than either the Army or Navy.

Maintaining the current level of military GME programs is vital to our readiness mission. Instructors/staff actually deploy to operations or contingencies, bringing back levels of experience not available by any other means (contingency operations, utilization of military-unique equipment and apparatus). Trainees who study under these instructors gain from this experience (obviating the need to gain the experience "on-the-ground" at the time of deployment).

WHMC, by virtue of its size and location, provides a "critical mass" of organic patient population, referral patients, experienced staff, and support programs to support the training of combat critical specialties. Residency Review Committees (RRC) of Accreditation Council for Graduate Medical Education (ACGME) requires presence of supporting training programs to maintain accreditation of numerous military critical specialties. National healthcare economics and certain specialty RRC decisions are leading to downsizing or **elimination of civilian training programs** in these critical specialties, making it more difficult to defer trainees to these programs or to establish new programs at other DoD medical centers. Training programs in these specialties in other Services cannot produce the combined output required by their own Services and the Air Force. Therefore, WHMC's programs would have to be relocated to another medical center (none of which is large enough or has the patient base to support them or their attendant specialty programs) if WHMC was downsized. To transfer GME programs, the gaining medical center would require additional catchment area population sufficient to support the additional training requirements, akin to transfer of the Air Force beneficiary population from the San Antonio catchment area. Relocation or changes in existing GME programs require accreditation by the RRC as new programs, a process that is neither simple nor guaranteed.

STSs provide highly specialized, cost effective alternatives to civilian referral. Many would not be possible or would be much more expensive without support of GME residents and fellows. STS services must be provided in larger medical centers since smaller centers cannot provide the ancillary support or supporting specialty services necessary to make the STS effective.

Elimination of all GME programs at WHMC will deprive the Air Force of critical medical, dental, and ancillary support specialists. WHMC presently provides clinical training to over 450 officers and enlisted professionals over and above the medical and dental GME. Transfer of GME programs from WHMC will dilute the specialty training program mix necessary to provide the highly specialized medical specialists necessary to meet the healthcare needs of TRICARE beneficiaries into the next century.

In conclusion, the medical readiness, clinical capabilities and graduate medical education programs are inextricably combined. Either option would force a dilution of medical capabilities within the entire spectrum of the AFMS to a point that the AFMS may not be able to regain. Certainly, any such change would be far more costly than the continued existence of WHMC.

Managed Care

WHMC is the keystone to the DoD's managed care program called TRICARE for Health Service Region (HSR) 6. TRICARE represents a system that integrates quality, cost, and accessibility in the delivery of healthcare to our patient population. It also expands the lead agency concept from management of overlapping catchment areas to oversight of entire, considerably larger regions. HSR 6 is the second largest of the twelve regions with a total population of 1,031,513 and 17 military medical treatment facilities, of which 14 are Air Force.

Any significant realignment or reduction of WHMC's capability will significantly impact its awarded TRICARE managed care support contract. The recently awarded \$1.82 billion TRICARE managed care support contract was based on existing DoD health care resources and capacities, CHAMPUS utilization rates, and estimated future workload and physical plant capacities. By 1997, all DoD HSRs will have a single, private TRICARE support contractor responsible for developing civilian health care networks and managing the DoD health benefit in support of the Services. The contractor is "hired" to supplement the DoD direct care system based on known capacities and demand at the time of awarding the contract. Any changes to the baseline will require major revisions to the contract creating the potential for a tremendous escalation in the cost of the contract through extensive bid-price adjustments. Changing the capacity of WHMC does not negate the population's need for health care, either within the San Antonio catchment area, or within the entire region for which the contract and regional planning are based.

While government direct care savings may initially accrue from resizing WHMC, the potential savings generated will in all probability be greatly offset by the increased contract costs. Using the assumptions in the Section 733 Study, government costs could increase 10% to 24% on a per-unit basis for the same care provided in the civilian network.

TRICARE support contracts. Changing the contract-provided capacities of either WHMC or any other bedded military medical treatment facility, such as BAMC will have the following affects:

a. Affect on local catchment DoD and beneficiary costs and access. Overall, DoD and beneficiary-shared costs will increase to the extent direct care workload (inpatient and outpatient) is shifted to civilian providers. The trade-off factors identified in the CHAMPUS Reform Initiative studies may be too conservative for WHMC, given the higher demand for non-elective specialty care services, and the fact a significant portion is based on referral. Although the contractors civilian network will be held to the same access standards as the MTF, retirees over the age of 65 (who are ineligible for TRICARE and CHAMPUS) will face both increased costs and greater difficulty accessing providers.

b. Affect on DoD Region 6 costs and beneficiary access. Because about half of WHMC's inpatient workload originates from outside the catchment area, it is probable that bid-price adjustments will occur in other regional managed care support contracts as well as Region 6's. There is extremely limited capacity at BAMC to absorb any additional inpatient workload in Region 6. Other MTFs will refer care to their local civilian network, increasing the number of non-availability statements issued, causing an unfavorable bid-price adjustment. Again, as previously mentioned, retirees over the age of 65 will face both increased costs and greater difficulty accessing providers. Increased wait times may occur for patients with elective cases which would have to remain in their local area for care.

c. Affect on DoD HSRs other than Region 6. Depending on the extent of reductions to services at WHMC affecting its reception of patients from outside Region 6, the extremely limited ability of BAMC to absorb the difference, and concomitant reduction in overall San Antonio direct care system capacity to absorb referral workload, outlying catchment areas will either have to increase direct care service capability, or increase reliance on civilian provider network workload. While this may have minimal impact on primary and secondary care, it will greatly impact tertiary and quaternary care services (e.g., bone marrow transplant, liver transplant), especially in smaller metropolitan areas (e.g., Laughlin, Reese, etc.). Limitation of WHMC's capabilities may drive increased demand for care in the local community and local MHSS facilities with resultant increase in queuing.

d. Outreach Care capability. Eliminating the WHMC capability would either show a reduction in outlying MTF workload or would have to increase local MTF resources accordingly. (Given the smaller size of most other MTF populations in the region, to compensate for the loss of just one surgeon in the WHMC's Outreach program would require more than a one-to-one surgeons elsewhere in the region due to lower economies of scale at smaller MTFs. That is, if several or all MTFs attempted to continue the same level of surgical services provided currently through the Outreach program each MTF would have to procure

the services of at least one surgeon. This phenomenon is due to the ability of WHMC to use its marginal available capability to assist other MTFs (at an overall savings to the Air Force, as well as to the beneficiaries, who would otherwise use CHAMPUS). Reduction to the Outreach program would increase other MTF costs to the extent additional manpower were added to the MTFs to maintain the same capability. Without re-deploying those assets, at a greater than one-for-one basis, local CHAMPUS and beneficiary costs will increase.

Temporary deployment of clinical assets from WHMC under the Outreach program to outlying smaller MTFs provides several quality opportunities.

(a) Beneficiaries receive an enhanced direct care medical benefit than might otherwise be provided locally, and may continue receiving their care in the same institution, rather than being referred to local, off-base civilian providers.

(b) The local MTF providers receive enriched clinical opportunities as they participate in clinical practice with WHMC experts, and receive continuing medical education.

Beneficiaries currently receiving care via these TDY resources, if discontinued, would be disengaged from the direct care system, and required to access these services in the local community.

e. Impact of reduction on DoD national and regional STSs. WHMC has two of only three DoD-designated National DoD STSs: liver transplants (since 2 Dec 93) and allogenic/autologous adult bone marrow transplant (since Dec 94). WHMC's STS programs are nationally acclaimed resources serving the DoD that required years of development and system maturation. They are predicated, as are the other GME-related services, on a core local population requirement supporting an appropriate mix of diversity in patient condition, chronicity, and clinic need.

Reduction in WHMC capability and inability of BAMC to absorb these critical STS programs will require transfer and maturation of the programs elsewhere in DoD (thus MILPERS, equipment and time-related costs), or transfer of these programs to the civilian community (at increased TRICARE contractual costs), and loss of a benefit for those patients 65 years of age or older. In addition, it would affect the continuity of treatment currently provided to patients, and the critical loss of GME and clinical treatment synergies arising from multi-disciplinary and highly specialized services. Access, of course, would diminish for patients required to transfer to the civilian network, if eligible, or to fee-for-service or private HMOs if Medicare eligible.

f. Impact on AFMS quality standards. WHMC compares very favorably, or exceeds, national indicators of quality health as follows:

JCAHO Grid Scores:

AF Average- 90
Civilian Average- 83
WHMC- 98

JCAHO Accreditation With Commendation:

AF- 22%
Civilian- 10%
WHMC- All major categories received "1s" (highest score possible), no "Type 1" recommendations

MHA Quality Indicators:

AF Better than National Average on 11 of 14 Indicators
WHMC - better than the median in 19 of 23 indicators

Physician Specialty Board Completion (pass rate, first testing):

AF - 92-100%, depending on specialty
- All of our physicians (non resident) are Board Certified
Civilian- 83-92%
WHMC- The five year first time pass rates are as follows: 100% in 19 of 27 medical specialties, 95% or better in four, 90% or better in three, and one at 81%.

g. Physical plant. The new BAMC facility was planned, budgeted, and approved by Congress based on WHMC's capabilities to avoid unnecessary duplication of services. The new BAMC will not have the capacity to absorb both the inpatient and outpatient medical requirements of the local community, let alone GME/tertiary care and referral requirements, without substantial MILCON and O&M funded enhancements.

h. Reduction of services. Reduction of WHMC capabilities will degrade its Level I Trauma Center capabilities. Loss of this vital military and civilian community emergency asset will reduce access to exigent care services. A significant amount of uncompensated emergency care is also provided to the community by WHMC on an annual basis. Trauma care is usually associated with catchment and near catchment populations, and could not realistically support that population's trauma needs if transferred to another major DoD medical center (e.g. Keesler or Travis).

The new BAMC was not planned or designed to accommodate WHMC's trauma workload, but, rather, to supplement WHMC's capability. MILCON and O&M funds will be required at BAMC to maintain the same DoD capability in the community. Otherwise, the TRICARE support contract will require modification, at increased costs, since true trauma care is a local requirement, and not elective, hence, not subject to the "trade-off" factors.

Emergent patients will have to seek care elsewhere, potentially at lower level emergency medicine departments with fewer specialties immediately available. Medical staff, especially specialists, will suffer reduced opportunities for practicing wartime trauma skills. These staff could practice emergency skills in a local civilian emergency medicine department, but would then be unavailable for more routine care, consultation and continuing provider education.

Summary

This document substantiates two key points:

a. WHMC is a unique platform in the AFMS providing world-class training and medical capabilities whose continuation are critical to the entire Air Force Medical Service. No other platform exists that can accommodate the infrastructure required to support many of the medicine and surgical subspecialty training programs that are required. Diffusion of the graduate medical education program to other locations would not replace the capability that WHMC represents nationally today.

b. No COBRA has been done. If a platform could be found to accommodate this vast mission, the cost of transferring the programs and associated infrastructure would be staggering.

It is therefore critical that WHMC be maintained at its existing operational capability. Any changes to the structure of WHMC should be made programmatically and not through the BRAC process.



ECONOMIC SECURITY

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
3300 DEFENSE PENTAGON
WASHINGTON, DC 20301-3300



8 APR 1995

Mr. Frank Cirillo
Air Force Team Leader
Defense Base Closure and Realignment Commission
1700 N. Moore St., Suite 1425
Arlington, VA 22209

Dear Mr Cirillo:

Attached are responses from the Joint Cross-Service Group on Undergraduate Pilot Training regarding questions for the record which were submitted to the Air Force by the Commission.

I trust this information is useful.

Sincerely,

R. L. Meyer
Director
Base Closure

Attachment

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PERSONNEL AND
READINESS

OFFICE OF THE UNDER SECRETARY OF DEFENSE
4000 DEFENSE PENTAGON
WASHINGTON, D.C. 20301-4000

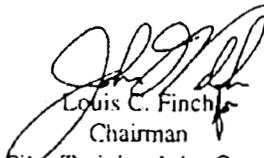


March 29, 1995

MEMORANDUM FOR DIRECTOR, BASE CLOSURE AND UTILIZATION

SUBJECT: Commission Questions for the Record

The response to your request for answers to the BRAC Commission questions for the record regarding the Joint Cross-Service Group's functional analyses is provided as Attachment One.



Louis C. Finch
Chairman

Undergraduate Pilot Training Joint Cross-Service Group

Attachment:
1. Qs & As



1. QUESTION: In evaluating the airspace available at each Undergraduate Training Base, did you concentrate on measuring only the volume of airspace owned or controlled by the base or did you take into consideration the usability of all the airspace available to the base for training?
- ANSWER: The analysis did not restrict airspace credit to the volume a base owned or controlled.
2. QUESTION: Isn't usable or useful airspace a more valid measure than total airspace?
- ANSWER: Usable or useful airspace is a key ingredient to the training mission. The existence of other special use airspace can add flexibility or the ability to accommodate expansion and/or mission changes.
3. QUESTION: Isn't it true that in the Joint Cross-Service Group, the Air Force argued with the Navy that heavily weighting total available airspace was an improper measure of capacity?
- ANSWER: Assigning weights in the model was one of the Groups biggest challenges. All members agreed that airspace should be heavily weighted, so the discussion centered on what types of airspace to credit. In the end, the Group reached and implemented a consensus.



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

ALAN J. DIXON, CHAIRMAN

April 25, 1995

COMMISSIONERS:
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REBECCA COX
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S. LEE KLING
RADM BENJAMIN F. MONTOYA, USN (RET)
MG JOSUE ROBLES, JR., USA (RET)
WENDI LOUISE STEELE

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

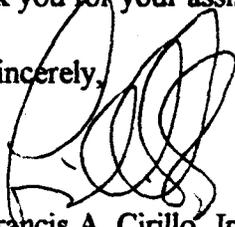
107
Please refer to the number
when responding 950426-12

Dear General Blume:

On April 20, 1995, the Kirtland Air Force Base community briefed the Commission on its concerns regarding the DoD recommendation to realign Kirtland Air Force Base. Attachment one is a copy of the briefing. Also, the community has provided the Commission a book describing in greater detail its concerns. The book is at attachment two.

In order to assist the Commission in its review of this recommendation, we are requesting written comments on the two attached documents. We are especially interested in the Air Force's position on the community inputs concerning the costs to realign Kirtland Air Force Base and the recurring savings or costs associated with Kirtland after the proposed realignment. Both the Commission and the Community have noted that the Air Force has not considered potential increases in CHAMPUS costs. We request the Air Force estimate potential annual increase in CHAMPUS costs associated with the proposed Kirtland realignment. We would appreciate this information no later than May 15, 1995. Thank you for your assistance in this matter.

Sincerely,


Francis A. Cirillo, Jr.
Air Force Team Leader



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



17 MAY 1995

MEMORANDUM FOR DEFENSE BASE REALIGNMENT AND
CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Request for Comments on Kirtland AFB Community Presentation (DBCRC No. 950426-12, AF/RT No. 406)

107

This letter responds to your request of April 25, 1995, requesting comments on the presentation of the Kirtland AFB community regarding the recommended realignment. As you know, the Air Force has refined its cost and savings estimates, and has passed that information to you and the New Mexico delegation. As a result, this letter will not address the costs and savings issues. As we have previously indicated, we are examining some options that may be submitted to the Commission for your consideration. These options would address some of the operational, security, and cost issues raised by the community. As a reminder, the Air Force does not consider the costs of DOE in its analysis, in accordance with DoD policy. Although we have reviewed the estimates provided by DOE, we do not consider those appropriate for inclusion in COBRA.

Attachment 1 to this letter is a point-by-point discussion of the matters raised by the community in Appendix C to their submission. This addresses most of the specific issues concerning the questionnaire results for Kirtland AFB as raised by the community. In addition to those comments, this letter will address some more general issues.

Attachment 2 to this letter is a summary of the considerations behind the Air Force's decision not to include additional CHAMPUS costs associated with the realignment action and closure of the medical treatment facility. In summary, although there will be approximately \$6 M in additional CHAMPUS costs, reductions in medical O&M expenses, not captured elsewhere in the COBRA analysis, actually creates a net savings in medical costs. The Air Force did not take these savings in COBRA. I should point out as well that, because federal law prohibits medical positions from being reduced in BRAC, those positions will be transferred to other medical treatment facilities with the effect of reducing CHAMPUS costs at those locations. As a result, the Air Force has not added CHAMPUS expenses to its COBRA analysis.

The grading for air quality, like the grading for all subelements, was based on the condition existing at the time the questionnaire was completed. Thus, the Criterion II grading for air quality subelements was accurate. Further, any changes to the growth budget for the air quality district in which Kirtland AFB is located which occurred subsequent to the Air Force analysis were not considered in the analysis. Instead, the analysis was based on the certified, current data as of the date on which the data was gathered. This is common to the evaluations of all areas, in that the data is gathered and evaluated as of a particular point in time.

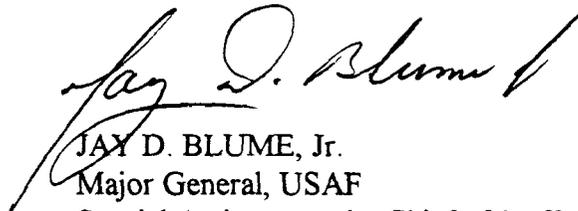
The issue of the conformity analysis for air quality, and the determination that Kirtland AFB was not an appropriate receiver for a potential Los Angeles AFB closure scenario, bears more explanation. The decision to use an alternate receiver location for the Los Angeles AFB scenario is unrelated to the realignment recommendation. The alternative receiver provided a more attractive cost and savings scenario for the Los Angeles AFB closure, but the Secretary determined that the costs and savings did not warrant the action and that the loss of interconnectivity to southern California industry would be an unacceptable result of a Los Angeles AFB closure. Thus, there was no scenario under which Los Angeles AFB would actually have closed and moved to Kirtland AFB. As a result, the air quality issue was not related to the eventual recommendation to realign Kirtland AFB. That recommendation was based on the cost-effectiveness of downsizing a large base and reducing excess Air Force infrastructure.

The Air Force recognizes that there will be limited excess property available for civilian reuse under the proposed realignment. While this is unfortunate, it is a necessary result of the continued presence of significant DoD and other federal agency activities. This merely underscores the fact that, while the realignment will have an impact on local jobs, the resulting base will be a thriving and vital activity. Along these lines, the Air Force does not quarrel that the economic impact is serious but notes that the projected impact is 3.6 percent of the economic area's employment. This level is consistent with other actions approved by the Commissions in previous BRAC rounds.

The final issue that warrants comment is the observation that a change in facility condition code grading occurred during the process. During the review of the Kirtland AFB condition codes, the BCEG questioned their accuracy. Upon review, multiple errors in the reported condition of the facilities were corrected. Because of the number of errors, special review of this situation was made, including auditor participation. This review determined that the problem was limited to Kirtland AFB, and that the corrected data correctly reflected the condition of the facilities.

Overall, the Air Force recognizes the views of the community on many of these issues. Our current undertaking is to review our options to address the issues raised by the community and to ensure that the most cost effective options are explored. This information will be provided as soon as possible so that all appropriate considerations by the Commission can be made.

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

Attachments

Document Separator



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 S. LEE KLING
 RADM BENJAMIN F. MONTOYA, USN (RET)
 MG JOSUE ROBLES, JR., USA (RET)
 WENDI LOUISE STEELE

April 21, 1995

Major General Jay D. Blume, Jr. (Lt. Ccl. 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

101
 [Handwritten notes and markings]
 950424-5

Dear General Blume:

We request you provide two COBRA runs on Hanscom AFB that were conducted for the Joint Cross Service Group. The two COBRA runs are HNSMCLS.CBR and SDC09.CBR. These runs are needed to complete our analysis on the DoD recommendation for the closure of Rome Lab. Please provide these runs in both hard copy and electronic format.

To assist the Commission in its work, we request this information to be provided by May 1, 1995. Thank you for your assistance in this matter.

Sincerely,

FOR Francis A. Cirillo, Jr., PE
 Air Force Team Leader

THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (ECTS) # 950424-5

FROM: CIRILLO, FRANK	TO: BLUME, DAY
TITLE: AIR FORCE TEAM LEADER	TITLE: SPECIAL ASST
ORGANIZATION: DBCRC	ORGANIZATION: HEADQUARTERS USAF
INSTALLATION (s) DISCUSSED: HANSCOM	

OFFICE OF THE CHAIRMAN	FYI	ACTION	INIT	COMMISSION MEMBERS	FYI	ACTION	INIT
CHAIRMAN DIXON				COMMISSIONER CORNELLA			
STAFF DIRECTOR	✓			COMMISSIONER COX			
EXECUTIVE DIRECTOR	✓			COMMISSIONER DAVIS			
GENERAL COUNSEL	✓			COMMISSIONER KLING			
MILITARY EXECUTIVE				COMMISSIONER MONTOYA			
				COMMISSIONER ROBLES			
DIR./CONGRESSIONAL LIAISON				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	✓		
CHIEF FINANCIAL OFFICER				INTERAGENCY TEAM LEADER			
DIRECTOR OF TRAVEL				CROSS SERVICE TEAM LEADER			
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:

REQUESTING COBRG - RUNS ON 1 HANSCOM AFB THAT WERE CONDUCTED FOR JOINT CROSS SERVICE GROUP.

Due Date: 950501 Routing Date: 950424 Date Originated: 95042 Mail Date: 950420



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



101

24 APR 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 April 21, 1995, requesting the two COBRA runs HNSMCLS.CBR and SDC09.CBR. Copies of the requested runs are attached.

Sincerely

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

Attachments:

1. Hardcopy of requested COBRA runs
2. Electronic Copy of requested COBRA runs

T#445

Department : Air Force
 Option Package : Hnscm to Mmth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCI.S.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTI.IN.SFF

Starting Year : 1996
 Final Year : 2001
 ROI Year : 2012 (11 Years)

NPV in 2015(\$K): -107,061
 1-Time Cost(\$K): 440,901

Net Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	49,867	28,487	37,982	52,226	26,113	37,982	232,657	0
Person	-273	-662	-882	965	2,527	-11,112	-9,438	-30,830
Overhd	2,433	2,616	1,171	3	-3,339	-15,044	-12,159	-22,607
Moving	3,118	6,257	15,708	18,872	15,708	6,085	65,749	0
Missio	0	0	0	0	0	5,405	5,405	5,405
Other	5,781	11,568	28,926	34,711	28,926	6,238	116,152	0
TOTAL	60,926	48,267	82,906	106,777	69,936	29,555	398,366	-48,033

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	64	64
Enl	0	0	0	0	0	402	402
Civ	0	0	0	0	0	272	272
TOT	0	0	0	0	0	738	738

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	35	72	183	220	183	42	735
Enl	22	46	118	141	118	30	475
Stu	0	0	0	0	0	0	0
Civ	85	172	432	518	432	94	1,733
TOT	142	290	733	879	733	166	2,943

Summary:

SDC-07: Close Hanscom. Move ESC/RL to Ft Monmouth, PL to Kirtland
 Distance to Ft Monmouth is to Newark + 50 miles
 FFRDC/ESC moving costs taken from AFMC 21 data
 Screen 4 data is from Army response
 MILCON numbers inflated from Army response (Note --Note no MFH)
 No geophysics reduction assumed
 FFRDC contract termination costs taken using same methodology as with LA
 Assume Air Force continues to support MIT Lincoln Lab

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLS.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	54,600	28,487	37,982	52,226	26,113	37,982	237,390	0
Person	349	1,248	3,831	6,144	7,706	10,194	29,471	6,602
Overhd	2,433	4,735	6,767	10,075	12,934	14,043	50,988	12,384
Moving	3,207	6,442	16,181	19,439	16,181	6,198	67,649	0
Missio	0	0	0	0	0	5,405	5,405	5,405
Other	5,781	11,568	28,926	34,711	28,926	6,238	116,152	0
TOTAL	66,371	52,481	93,688	122,595	91,861	80,060	507,055	24,391

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	4,733	0	0	0	0	0	4,733	0
Person	622	1,910	4,713	5,179	5,179	21,306	38,909	37,432
Overhd	0	2,119	5,596	10,073	16,273	29,087	63,147	34,992
Moving	89	185	472	567	472	113	1,900	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	5,445	4,214	10,781	15,819	21,924	50,505	108,689	72,424

NET PRESENT VALUES REPORT (COERA v5.08)
 Data As Of 11:21 02/04/1995, Report Created 08:46 04/24/1995

Department : Air Force
 Option Package : Hnscm to Mmth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLS.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	60,925,668	60,104,832	60,104,832
1997	48,266,741	46,342,049	106,446,881
1998	82,906,576	77,470,151	183,917,032
1999	106,776,728	97,104,689	281,021,721
2000	69,936,205	61,899,028	342,920,748
2001	29,554,637	25,458,075	368,378,824
2002	-48,032,728	-40,267,564	328,111,260
2003	-48,032,728	-39,189,843	288,921,416
2004	-48,032,728	-38,140,967	250,780,450
2005	-48,032,728	-37,120,162	213,660,287
2006	-48,032,728	-36,126,678	177,533,609
2007	-48,032,728	-35,159,784	142,373,824
2008	-48,032,728	-34,218,768	108,155,056
2009	-48,032,728	-33,302,937	74,852,118
2010	-48,032,728	-32,411,618	42,440,500
2011	-48,032,728	-31,544,154	10,896,346
2012	-48,032,728	-30,699,906	-19,803,560
2013	-48,032,728	-29,878,254	-49,681,814
2014	-48,032,728	-29,078,593	-78,760,407
2015	-48,032,728	-28,300,334	-107,060,741

Department : Air Force
 Option Package : Hnscm to Mnth/Kit
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCL.S.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction	157,460,000	237,390,000
Military Construction	79,930,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		237,390,000
Personnel	2,164,655	8,725,929
Civilian RIF	839,556	
Civilian Early Retirement	2,448,000	
Civilian New Hires	2,901,010	
Eliminated Military PCS	372,708	
Unemployment		
Total - Personnel		8,725,929
Overhead	5,390,158	10,983,908
Program Planning Support	5,593,750	
Mothball / Shutdown		
Total - Overhead		10,983,908
Moving	35,568,730	67,648,767
Civilian Moving	2,361,600	
Civilian PS	5,985,882	
Military Moving	616,555	
Freight	23,116,000	
One-Time Moving Costs		
Total - Moving		67,648,767
Other	2,705,222	116,152,222
HAP / RSE	0	
Environmental Mitigation Costs	113,447,000	
One-Time Unique Costs		
Total - Other		116,152,222
Total One-Time Costs	440,900,627	
One-Time Savings	0	6,632,700
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	4,732,000	
Military Moving	1,899,700	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		6,632,700
Total Net One-Time Costs		434,268,127

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
 Data As Of 11:21 02/04/1995, Report Created 08:46 04/24/1995

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCI.S.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTI.IN.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
FT MONMOUTH	204,920	0	0	0	204,920
HANSCOM	0	0	0	-4,733	-4,733
BASE X	0	0	0	0	0
KIRTLAND	32,470	0	0	0	32,470
Totals:	237,390	0	0	-4,733	232,657

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 11:21 02/04/1995, Report Created 08:46 04/24/1995

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCI.S.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTI.N.SFF

PERSONNEL SUMMARY FOR: FT MONMOUTH, NJ

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
416	505	406	7,341

PERSONNEL REALIGNMENTS:

From Base: HANSCOM, MA

	1996	1997	1998	1999	2000	2001	Total
Officers	32	64	160	192	160	32	640
Enlisted	8	17	43	51	43	10	172
Students	0	0	0	0	0	0	0
Civilians	63	127	319	383	319	67	1,278
TOTAL	103	208	522	626	522	109	2,090

TOTAL PERSONNEL REALIGNMENTS (Into FT MONMOUTH, NJ):

	1996	1997	1998	1999	2000	2001	Total
Officers	32	64	160	192	160	32	640
Enlisted	8	17	43	51	43	10	172
Students	0	0	0	0	0	0	0
Civilians	63	127	319	383	319	67	1,278
TOTAL	103	208	522	626	522	109	2,090

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,056	677	406	8,619

PERSONNEL SUMMARY FOR: HANSCOM, MA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
852	872	0	2,354

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-53	0	0	0	0	-53
Enlisted	0	5	0	0	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	-349	0	0	0	0	-349
TOTAL	0	-397	0	0	0	0	-397

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
799	877	0	2,005

PERSONNEL REALIGNMENTS:

To Base: FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001	Total
Officers	32	64	160	192	160	32	640
Enlisted	8	17	43	51	43	10	172
Students	0	0	0	0	0	0	0
Civilians	63	127	319	383	319	67	1,278
TOTAL	103	208	522	626	522	109	2,090

Department : Air Force
 Option Package : Hnscm to Mmth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLS.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOT.IN.SFF

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	2	5	14	7	14	5	57
Enlisted	14	28	71	85	71	15	284
Students	0	0	0	0	0	0	0
Civilians	4	8	20	24	20	7	83
TOTAL	20	41	105	126	105	27	424

To Base: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	9	11	9	5	38
Enlisted	0	1	4	5	4	5	19
Students	0	0	0	0	0	0	0
Civilians	18	37	93	111	93	20	372
TOTAL	19	41	106	127	106	30	429

TOTAL PERSONNEL REALIGNMENTS (Out of HANSCOM, MA):

	1996	1997	1998	1999	2000	2001	Total
Officers	35	72	183	221	183	42	735
Enlisted	22	46	118	141	118	30	475
Students	0	0	0	0	0	0	0
Civilians	85	172	432	513	432	94	1,733
TOTAL	142	290	733	875	733	166	2,943

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	-64	-64
Enlisted	0	0	0	0	0	-402	-402
Civilians	0	0	0	0	0	-272	-272
TOTAL	0	0	0	0	0	-738	-738

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

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: HANSCOM, MA

	1996	1997	1998	1999	2000	2001	Total
Officers	2	5	14	17	14	5	57
Enlisted	14	28	71	85	71	15	284
Students	0	0	0	0	0	0	0
Civilians	4	8	20	24	20	7	83
TOTAL	20	41	105	126	105	27	424

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	2	5	14	17	14	5	57
Enlisted	14	28	71	85	71	15	284
Students	0	0	0	0	0	0	0
Civilians	4	8	20	24	20	7	83
TOTAL	20	41	105	126	105	27	424

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMC S.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTI IN.SFF

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
793	3,547	0	11,538

PERSONNEL SUMMARY FOR: KIRTLAND, NM

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
1,313	2,837	0	2,331

PERSONNEL REALIGNMENTS:

From Base: HANSCOM, MA

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	1	3	9	11	9	5	38
Enlisted	0	1	4	5	4	5	19
Students	0	0	0	0	0	0	0
Civilians	18	37	93	111	93	20	372
TOTAL	19	41	106	127	106	30	429

TOTAL PERSONNEL REALIGNMENTS (Into KIRTLAND, NM):

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	1	3	9	11	9	5	38
Enlisted	0	1	4	5	4	5	19
Students	0	0	0	0	0	0	0
Civilians	18	37	93	111	93	20	372
TOTAL	19	41	106	127	106	30	429

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
1,351	2,856	0	2,703

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 11:21 02/04/1995, Report Created 08:46 04/24/1995

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCL3.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		85	172	432	518	432	94	1733
Early Retirement*	10.00%	8	18	43	51	43	10	173
Regular Retirement*	5.00%	4	8	22	26	22	4	86
Civilian Turnover*	15.00%	13	26	65	78	65	14	261
Civs Not Moving (RIFs)**		5	10	26	31	26	5	103
Civilians Moving (the remainder)		55	110	276	332	276	61	1110
Civilian Positions Available		30	62	156	186	156	33	623
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	272	272
Early Retirement	10.00%	0	0	0	0	0	27	27
Regular Retirement	5.00%	0	0	0	0	0	14	14
Civilian Turnover	15.00%	0	0	0	0	0	41	41
Civs Not Moving (RIFs)**		0	0	0	0	0	16	16
Priority Placement#	60.00%	0	0	0	0	0	163	163
Civilians Available to Move		0	0	0	0	0	11	11
Civilians Moving		0	0	0	0	0	11	11
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		85	172	432	518	432	94	1733
Civilians Moving		55	110	276	332	276	72	1121
New Civilians Hired		30	62	156	186	156	22	612
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		8	18	43	51	43	37	200
TOTAL CIVILIAN RIFs		5	10	26	31	26	21	119
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	163	163
TOTAL CIVILIAN NEW HIRES		30	62	156	186	156	22	612

* 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 11:21 02/04/1995, Report Created 08:46 04/24/1995

Department : Air Force
 Option Package : Hnscm to Mmth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLS.CBR
 Std Ctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	36,216	18,895	25,194	34,641	17,321	25,194	157,460
Fam Housing	18,384	9,592	12,739	17,585	8,792	12,789	79,930
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	91	182	473	564	473	382	2,165
Civ Retire	33	75	180	214	180	155	839
CIV MOVING							
Per Diem	174	349	878	1,056	878	227	3,562
POV Miles	7	14	36	43	36	9	146
Home Purch	725	1,450	3,609	4,378	3,639	950	14,782
HHG	371	743	1,865	2,243	1,865	484	7,572
Misc	38	77	193	232	193	50	785
House Hunt	127	255	641	770	641	164	2,597
PPS	0	0	0	0	0	2,361	2,361
RITA	300	601	1,509	1,814	1,509	392	6,124
FREIGHT							
Packing	28	57	143	172	143	36	579
Freight	2	3	9	11	9	2	37
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	16	31	81	97	81	66	373
OTHER							
Program Plan	1,639	1,229	922	691	519	389	5,390
Shutdown	0	1,286	671	895	1,231	1,510	5,594
New Hire	120	248	624	744	624	88	2,448
1-Time Move	1,155	2,311	5,779	6,934	5,779	1,158	23,116
MIL PERSONNEL							
MIL MOVING							
Per Diem	7	15	49	49	41	13	167
POV Miles	5	11	37	37	31	10	124
HHG	228	472	1,205	1,447	1,205	290	4,847
Misc	40	82	211	253	211	50	847
OTHER							
Elim PCS	0	0	0	0	0	2,901	2,901
OTHER							
HAP / RSE	110	224	565	678	565	561	2,705
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	5,671	11,344	28,361	34,033	28,361	5,677	113,447
TOTAL ONE-TIME	65,488	49,550	86,042	109,582	74,329	55,910	440,901

Department : Air Force
 Option Package : Hnscm to Mmth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCL3.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	346	869	1,290	1,862	2,361	2,766	9,498	3,007
O&M								
RPMA	0	0	294	421	485	577	1,777	577
BOS	447	1,350	3,587	6,205	8,338	8,800	28,729	8,800
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	89	711	2,472	4,525	6,347	6,602	20,745	6,602
OTHER								
Mission	0	0	0	0	0	5,405	5,405	5,405
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	882	2,930	7,646	13,014	17,532	24,150	66,155	24,391
TOTAL COST	66,371	52,481	93,688	122,595	91,861	80,060	507,055	24,391
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	4,733	0	0	0	0	0	4,733	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	89	185	472	567	472	113	1,900	
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	4,822	185	472	567	472	113	6,633	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	1,034	2,609	3,868	5,577	7,781	20,871	8,996
O&M								
RPMA	0	669	1,701	2,538	3,700	5,271	13,880	6,259
BOS	0	415	1,287	3,666	6,994	16,034	28,396	19,736
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	6,343	6,343	12,687
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	2,517	2,517	5,035
Enl Salary	0	0	0	0	0	7,266	7,266	14,531
House Allow	622	1,910	4,713	5,179	5,179	5,179	22,783	5,179
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	622	4,029	10,309	15,252	21,452	50,392	102,056	72,424
TOTAL SAVINGS	5,445	4,214	10,781	15,819	21,924	50,505	108,689	72,424

Department : Air Force
 Option Package : Hnscm to Mnth/Kit
 Scenario File : C:\COBRA\LAB95\FINAL\JCSC\HNSMCLS.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSC\DEPOTFIN.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	Beyond
ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
MILCON	36,216	18,895	25,198	34,641	17,321	25,194	157,460	
Fam Housing	13,651	9,592	12,789	17,585	8,792	12,789	75,197	
O&M								
Civ Retir/RIF	124	257	653	778	653	537	3,004	
Civ Moving	1,773	3,549	8,914	10,719	8,914	4,676	38,547	
Other	2,830	5,106	8,078	9,362	8,234	3,211	36,921	
MIL PERSONNEL	190	396	1,016	1,219	1,015	3,152	6,987	
OTHER								
HAP / RSE	110	224	566	678	565	561	2,705	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-time Other	5,671	11,344	28,361	34,033	28,361	5,677	113,447	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	60,666	49,365	85,569	109,015	73,856	55,797	434,268	
RECURRING NET	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	346	-165	-1,317	-2,006	-3,216	-5,015	-11,373	-5,989
O&M	0	0	0	0	0	0	0	0
RPMA	0	-669	-1,406	-2,117	-3,216	-4,694	-12,103	-5,682
BOS	447	935	2,301	2,540	1,344	-7,233	333	-10,936
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	0	0	0	0	0	0	0	0
MIL Salary	0	0	0	0	0	0	0	0
House Allow	-534	-1,199	-2,241	-654	1,168	1,422	-2,037	1,422
OTHER	0	0	0	0	0	0	0	0
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	260	-1,098	-2,663	-2,238	-3,920	-26,242	-35,901	-48,033
TOTAL NET COST	60,926	48,267	82,906	106,777	69,936	29,555	398,366	-48,033

PERSONNEL, SF, RPMA, AND BOS DELTA! (COBRA v5.08)
 Data As Of 11:21 02/04/1995, Report Created 08:46 04/24/1995

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLS.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
FT MONMOUTH	2,090	24%	945,020	21%	452
HANSCOM	-3,681	-100%	-4,475,000	-101%	1,216
BASE X	424	3%	0	0%	0
KIRTLAND	429	7%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
FT MONMOUTH	576,867	6%	276	7,474,903	12%	3,576
HANSCOM	-6,259,325	-102%	1,700	-19,736,406	-100%	5,362
BASE X	0	0%	0	366,434	1%	864
KIRTLAND	0	0%	0	958,927	4%	2,235

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
FT MONMOUTH	8,051,770	11%	3,852
HANSCOM	-25,995,731	-103%	7,062
BASE X	366,434	1%	864
KIRTLAND	958,927	4%	2,235

RPMA/BOS CHANGE REPORT (COB:A v5.08)
 Data As Of 11:21 02/04/1995, Report Created 08:46 04/24/1995

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCI S.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTI IN.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-669	-1,406	-2,117	-3,216	-4,694	-12,103	-5,682
BOS Change	447	935	2,301	2,540	1,344	-7,233	333	-10,936
Housing Change	346	-165	-1,317	-2,006	-3,216	-5,015	-11,373	-5,989
TOTAL CHANGES	794	100	-422	-1,584	-5,088	-16,943	-23,143	-22,607

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCL5.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
FT MONMOUTH, NJ	Realignment
HANSCOM, MA	Closes in FY 2001
BASE X	Realignment
KIRTLAND, NM	Realignment

Summary:

 SDC-07: Close Hanscom. Move ESC/RL to Ft Monmouth, PL to Kirtland
 Distance to Ft Monmouth is to Newark + 50 miles
 FFRDC/ESC moving costs taken from AFMC 21 data
 Screen 4 data is from Army response
 MILCON numbers inflated from Army response (Note --Note no MFH)
 No geophysics reduction assumed
 FFRDC contract termination costs taken using same methodology as with LA
 Assume Air Force continues to support MIT Lincoln Lab

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
FT MONMOUTH, NJ	HANSCOM, MA	276 mi
HANSCOM, MA	BASE X	1,000 mi
HANSCOM, MA	KIRTLAND, NM	2,229 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from HANSCOM, MA to FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	32	64	160	192	160	32
Enlisted Positions:	8	17	40	51	43	10
Civilian Positions:	63	127	319	383	319	67
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 HANSCOM, MA to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	2	5	14	17	14	5
Enlisted Positions:	14	28	71	85	71	15
Civilian Positions:	4	8	20	24	20	7
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 : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCL.D.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from HANSCOM, MA to KIRTLAND, NM

	1996	1997	1998	1999	2000	2001
Officer Positions:	1	3	9	11	9	5
Enlisted Positions:	0	1	4	5	4	5
Civilian Positions:	18	37	43	111	93	20
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: FT MONMOUTH, NJ

Total Officer Employees:	416	RPMA Non-Payroll (\$K/Year):	10,331
Total Enlisted Employees:	505	Communications (\$K/Year):	0
Total Student Employees:	406	BOS Non-Payroll (\$K/Year):	60,417
Total Civilian Employees:	7,341	BOS Payroll (\$K/Year):	39,183
Mil Families Living On Base:	100.0%	Family Housing (\$K/Year):	3,861
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):	4,474	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	441	Activity Code:	34555
Enlisted VHA (\$/Month):	261		
Per Diem Rate (\$/Day):	103	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: HANSCOM, MA

Total Officer Employees:	852	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	872	Communications (\$K/Year):	3,704
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	18,161
Total Civilian Employees:	2,354	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	59.0%	Family Housing (\$K/Year):	8,996
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.29
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,425	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	432	Activity Code:	AF036
Enlisted VHA (\$/Month):	303		
Per Diem Rate (\$/Day):	139	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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:	44444
Enlisted VHA (\$/Month):	50		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLB.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTF.N.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

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		
Per Diem Rate (\$/Day):	94	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	385	770	1,925	2,310	1,925	385
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 (%):	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):	0					Perc Family Housing ShutDown: 0.0%

Name: HANSCOM, MA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	5,286	10,574	26,436	31,723	26,436	5,292
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	1,155	2,311	5,779	6,934	5,779	1,158
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	5,405
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):	4,733	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):	4,475					Perc Family Housing ShutDown: 100.0%

Department : Air Force
 Option Package : Hnscm to Mmth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLS.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

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(%):	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: KIRTLAND, NM

	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 (%):	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):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: HANSCOM, MA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-53	0	0	0	0
Enl Force Struc Change:	0	5	0	0	0	0
Civ Force Struc Change:	0	-349	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	-64
Enl Scenario Change:	0	0	0	0	0	-402
Civ Scenario Change:	0	0	0	0	0	-272
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 : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLB.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTF.N.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FT MONMOUTH, NJ

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities	OTHER	264,380	0	98,950
CE Estimate -- includes ESC/RL				
MFH	FAMLQ	512	0	79,930
Dorms	BACHQ	4,800	0	950
BOS	OTHER	0	0	8,170
Planning	OTHER	0	0	16,920

Name: KIRTLAND, NM

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities	OTHER	0	0	32,470
CE Estimate for PL				

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:	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)			
Program Management Factor:	10.00%	MilCon Design Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon SICR 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

Department : Air Force
 Option Package : Hnscm to Mmth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMC.S.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOT.FIN.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
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 : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09 CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTI IN.SFF

Starting Year : 1996
 Final Year : 2000
 ROI Year : 100+ Years

NPV in 2015(\$K): 11,171
 1-Time Cost(\$K): 13,581

Net Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	2,031	1,060	1,413	1,943	971	1,413	8,830	0
Person	-29	-29	-29	110	161	-95	89	-95
Overhd	102	79	18	215	362	47	824	-38
Moving	19	0	0	1,282	1,990	0	3,291	0
Missio	0	0	0	0	0	0	0	0
Other	2	0	0	233	354	0	590	0
TOTAL	2,126	1,110	1,401	3,783	3,839	1,365	13,625	-133

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	0	5	8	0	13
Enl	8	0	0	4	7	0	19
Stu	0	0	0	0	0	0	0
Civ	0	0	0	51	79	0	130
TOT	8	0	0	60	94	0	162

Summary:

SDC-09: Move ESC/RL to Ft Monmouth. ESC and PL stay in place.
 Distance to Ft Monmouth is to Newark + 50 miles
 No consolidation savings from move.
 Screen 4 data is from Army response
 MILCON numbers inflated from Army response (Note --Note no MFH)
 No geophysics reduction assumed
 No FFRDC contract termination costs

Department : Air Force
 Option Package : Hnscm/RL to Mnth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09 CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTF IN.SFF

Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	2,031	1,060	1,413	1,943	971	1,413	8,830	0
Person	41	41	41	277	488	231	1,120	231
Overhd	102	122	90	312	666	669	1,962	607
Moving	32	0	0	1,296	2,013	0	3,341	0
Missio	0	0	0	0	0	0	0	0
Other	2	0	0	233	354	0	590	0
TOTAL	2,209	1,223	1,545	4,061	4,493	2,313	15,844	839

Savings (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	0	0	0	0	0	0	0
Person	70	70	70	167	326	326	1,031	326
Overhd	0	43	73	97	304	622	1,138	645
Moving	12	0	0	14	23	0	50	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	83	113	143	278	654	948	2,219	971

NET PRESENT VALUES REPORT (COMRA v5.08)
 Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
 Option Package : Hnscm/RL to Mnth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDCO9 CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOT\IN.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	2,126,162	2,097,517	2,097,517
1997	1,110,007	1,065,745	3,163,262
1998	1,401,592	1,305,685	4,472,947
1999	3,783,002	3,440,331	7,913,278
2000	3,839,299	3,398,081	11,311,359
2001	1,364,641	1,175,488	12,486,848
2002	-132,960	-111,465	12,375,382
2003	-132,960	-108,482	12,266,900
2004	-132,960	-105,579	12,161,321
2005	-132,960	-102,753	12,058,568
2006	-132,960	-100,003	11,958,565
2007	-132,960	-97,326	11,861,239
2008	-132,960	-94,722	11,766,517
2009	-132,960	-92,186	11,674,331
2010	-132,960	-89,719	11,584,611
2011	-132,960	-87,318	11,497,293
2012	-132,960	-84,981	11,412,312
2013	-132,960	-82,706	11,329,606
2014	-132,960	-80,493	11,249,113
2015	-132,960	-78,339	11,170,774
2016	-132,960	-76,242	11,094,532
2017	-132,960	-74,201	11,020,330
2018	-132,960	-72,215	10,948,115
2019	-132,960	-70,283	10,877,832
2020	-132,960	-68,402	10,809,430
2021	-132,960	-66,571	10,742,859
2022	-132,960	-64,789	10,678,070
2023	-132,960	-63,055	10,615,014
2024	-132,960	-61,368	10,553,647
2025	-132,960	-59,725	10,493,921
2026	-132,960	-58,127	10,435,795
2027	-132,960	-56,571	10,379,224
2028	-132,960	-55,057	10,324,167
2029	-132,960	-53,583	10,270,583
2030	-132,960	-52,149	10,218,434
2031	-132,960	-50,754	10,167,680
2032	-132,960	-49,395	10,118,285
2033	-132,960	-48,073	10,070,212
2034	-132,960	-46,787	10,023,425
2035	-132,960	-45,534	9,977,891
2036	-132,960	-44,316	9,933,575
2037	-132,960	-43,130	9,890,445
2038	-132,960	-41,975	9,848,470
2039	-132,960	-40,852	9,807,618
2040	-132,960	-39,758	9,767,859
2041	-132,960	-38,694	9,729,165
2042	-132,960	-37,659	9,691,506
2043	-132,960	-36,651	9,654,855
2044	-132,960	-35,670	9,619,185
2045	-132,960	-34,715	9,584,470
2046	-132,960	-33,786	9,550,683
2047	-132,960	-32,882	9,517,801
2048	-132,960	-32,002	9,485,800
2049	-132,960	-31,145	9,454,654
2050	-132,960	-30,312	9,424,342
2051	-132,960	-29,500	9,394,842
2052	-132,960	-28,711	9,366,131
2053	-132,960	-27,943	9,338,188
2054	-132,960	-27,195	9,310,993
2055	-132,960	-26,467	9,284,526
2056	-132,960	-25,758	9,258,768

NET PRESENT VALUES REPORT (COBRA v5.08) - Page 2
 Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09_CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOT\IN.SFF

2057	-132,960	-23,069	9,233,699
2058	-132,960	-23,398	9,209,301
2059	-132,960	-23,745	9,185,555
2060	-132,960	-23,110	9,162,446
2061	-132,960	-23,491	9,139,954
2062	-132,960	-23,889	9,118,065
2063	-132,960	-23,303	9,096,762
2064	-132,960	-20,733	9,076,029
2065	-132,960	-20,178	9,055,850
2066	-132,960	-19,638	9,036,212
2067	-132,960	-19,113	9,017,099
2068	-132,960	-18,601	8,998,498
2069	-132,960	-18,103	8,980,395
2070	-132,960	-17,619	8,962,776
2071	-132,960	-17,147	8,945,629
2072	-132,960	-16,688	8,928,941
2073	-132,960	-16,242	8,912,699
2074	-132,960	-15,807	8,896,892
2075	-132,960	-15,384	8,881,508
2076	-132,960	-14,972	8,866,536
2077	-132,960	-14,571	8,851,964
2078	-132,960	-14,181	8,837,783
2079	-132,960	-13,802	8,823,981
2080	-132,960	-13,432	8,810,549
2081	-132,960	-13,073	8,797,476
2082	-132,960	-12,723	8,784,752
2083	-132,960	-12,383	8,772,370
2084	-132,960	-12,051	8,760,319
2085	-132,960	-11,729	8,748,590
2086	-132,960	-11,415	8,737,175
2087	-132,960	-11,109	8,726,066
2088	-132,960	-10,812	8,715,254
2089	-132,960	-10,522	8,704,732
2090	-132,960	-10,241	8,694,491
2091	-132,960	-9,967	8,684,524
2092	-132,960	-9,700	8,674,824
2093	-132,960	-9,440	8,665,383
2094	-132,960	-9,188	8,656,195
2095	-132,960	-8,942	8,647,253

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	8,830,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		8,830,000
Personnel		
Civilian RIF	145,523	
Civilian Early Retirement	54,571	
Civilian New Hires	192,000	
Eliminated Military PCS	0	
Unemployment	25,056	
Total - Personnel		417,150
Overhead		
Program Planning Support	237,220	
Mothball / Shutdown	165,000	
Total - Overhead		402,220
Moving		
Civilian Moving	2,556,216	
Civilian PPS	0	
Military Moving	141,219	
Freight	29,111	
One-Time Moving Costs	615,000	
Total - Moving		3,341,547
Other		
HAP / RSE	150,913	
Environmental Mitigation Costs	0	
One-Time Unique Costs	439,000	
Total - Other		589,913
Total One-Time Costs		13,580,829

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	50,240	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		50,240
Total Net One-Time Costs		13,530,589

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
Option Package : Hnscm/RL to Mmth
Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOT\IN.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
FT MONMOUTH	8,830	0	0	0	8,830
HANSCOM	0	0	0	0	0
Totals:	8,830	0	0	0	8,830

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09 CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOT\IN.SFF

PERSONNEL SUMMARY FOR: FT MONMOUTH, NJ

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
416	505	406	7,341

PERSONNEL REALIGNMENTS:

From Base: HANSCOM, MA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	5	8	0	13
Enlisted	8	0	0	4	7	0	19
Students	0	0	0	0	0	0	0
Civilians	0	0	0	51	79	0	130
TOTAL	8	0	0	60	94	0	162

TOTAL PERSONNEL REALIGNMENTS (Into FT MONMOUTH, NJ):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	5	8	0	13
Enlisted	8	0	0	4	7	0	19
Students	0	0	0	0	0	0	0
Civilians	0	0	0	51	79	0	130
TOTAL	8	0	0	60	94	0	162

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
429	524	406	7,471

PERSONNEL SUMMARY FOR: HANSCOM, MA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
852	872	0	2,354

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-53	0	0	0	0	-53
Enlisted	0	5	0	0	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	-349	0	0	0	0	-349
TOTAL	0	-397	0	0	0	0	-397

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
799	877	0	2,005

PERSONNEL REALIGNMENTS:

To Base: FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	5	8	0	13
Enlisted	8	0	0	4	7	0	19
Students	0	0	0	0	0	0	0
Civilians	0	0	0	51	79	0	130
TOTAL	8	0	0	60	94	0	162

TOTAL PERSONNEL IMPACT REPORT (CJBRA v5.08)
 Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.DBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	51	79	0	130
Early Retirement*	10.00%	0	0	0	5	8	0	13
Regular Retirement*	5.00%	0	0	0	3	4	0	7
Civilian Turnover*	15.00%	0	0	0	8	12	0	20
Civs Not Moving (RIFs)*+		0	0	0	3	5	0	8
Civilians Moving (the remainder)		0	0	0	32	50	0	82
Civilian Positions Available		0	0	0	19	29	0	48
CIVILIAN POSITIONS ELIMINATED		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
CIVILIAN POSITIONS REALIGNING IN		0	0	0	51	79	0	130
Civilians Moving		0	0	0	32	50	0	82
New Civilians Hired		0	0	0	19	29	0	48
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	5	8	0	13
TOTAL CIVILIAN RIFs		0	0	0	3	5	0	8
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	19	29	0	48

* 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%.

Department : Air Force
 Option Package : Hnscm/RL to Mnth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOT\IN.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	2,031	1,060	1,413	1,943	971	1,413	8,830
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	54	91	0	145
Civ Retire	0	0	0	21	33	0	54
CIV MOVING							
Per Diem	0	0	0	101	158	0	260
POV Miles	0	0	0	1	2	0	4
Home Purch	0	0	0	427	668	0	1,095
HHG	0	0	0	207	324	0	531
Misc	0	0	0	22	35	0	57
House Hunt	0	0	0	65	101	0	166
PPS	0	0	0	0	0	0	0
RITA	0	0	0	173	270	0	443
FREIGHT							
Packing	2	0	0	10	16	0	28
Freight	0	0	0	0	0	0	1
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	9	16	0	25
OTHER							
Program Plan	72	54	40	30	23	17	237
Shutdown	0	38	20	26	36	44	165
New Hire	0	0	0	76	116	0	192
1-Time Move	0	0	0	246	369	0	615
MIL PERSONNEL							
MIL MOVING							
Per Diem	1	0	0	1	1	0	2
POV Miles	0	0	0	0	1	0	1
HHG	23	0	0	34	57	0	115
Misc	6	0	0	6	10	0	22
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	2	0	0	58	90	0	151
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	175	264	0	439
TOTAL ONE-TIME	2,137	1,152	1,473	3,689	3,654	1,474	13,581

Department : Air Force
 Option Package : Hnscm/RL to Mnth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.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	30	30	30	255	607	607	1,560	607
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	41	41	41	116	231	231	703	231
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	71	71	71	371	839	839	2,263	839
TOTAL COST	2,209	1,223	1,544	4,061	4,493	2,313	15,844	839
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	12	0	0	14	23	0	50	
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	12	0	0	14	23	0	50	
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	20	50	73	106	148	397	171
BOS	0	23	23	23	198	474	741	474
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	70	70	70	167	326	326	1,031	326
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	70	113	143	263	630	948	2,169	971
TOTAL SAVINGS	83	113	143	278	654	948	2,219	971

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION								
MILCON	2,031	1,060	1,413	1,943	971	1,413	8,830	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	75	124	0	200	
Civ Moving	2	0	0	1,008	1,575	0	2,585	
Other	72	92	60	388	560	62	1,234	
MIL PERSONNEL								
Mil Moving	17	0	0	28	46	0	91	
OTHER								
HAP / RSE	2	0	0	58	90	0	151	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	175	264	0	439	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	2,125	1,152	1,473	3,675	3,631	1,474	13,530	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-20	-50	-73	-106	-148	-397	-171
BOS	30	7	7	232	409	133	819	133
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	-29	-29	-29	-51	-95	-95	-328	-95
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	1	-42	-71	108	208	-110	94	-133
TOTAL NET COST	2,126	1,110	1,401	3,783	3,839	1,365	13,625	-133

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.DBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
FT MONMOUTH	162	2%	0	0%	0
HANSCOM	-162	-4%	-132,000	-3%	815

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
FT MONMOUTH	0	0%	0	607,149	1%	3,748
HANSCOM	-171,184	-3%	1,057	-473,893	-2%	2,925

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
FT MONMOUTH	607,149	1%	3,748
HANSCOM	-645,078	-3%	3,982

RPMA/BOS CHANGE REPORT (COBIA v5.08)
Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
Option Package : Hnscm/RL to Mmth
Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-20	-50	-73	-106	-148	-397	-171
BOS Change	30	7	7	232	409	133	819	133
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	30	-13	-43	159	303	-15	422	-38

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 11:45 02/04/1995, Report Created 08:50 04/24/1995

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
FT MONMOUTH, NJ	Realignment
HANSCOM, MA	Realignment

Summary:

SDC-09: Move ESC/RL to Ft Monmouth. ESC and PL stay in place.
 Distance to Ft Monmouth is to Newark + 50 miles
 No consolidation savings from move.
 Screen 4 data is from Army response
 MILCON numbers inflated from Army response (Note --Note no MFH)
 No geophysics reduction assumed
 No FFRDC contract termination costs

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
FT MONMOUTH, NJ	HANSCOM, MA	276 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from HANSCOM, MA to FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	1	5	8	0
Enlisted Positions:	8	0	1	4	7	0
Civilian Positions:	0	0	0	51	79	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: FT MONMOUTH, NJ

Total Officer Employees:	416	RPMA Non-Payroll (\$K/Year):	10,331
Total Enlisted Employees:	505	Communications (\$K/Year):	0
Total Student Employees:	406	BOS Non-Payroll (\$K/Year):	60,417
Total Civilian Employees:	7,341	BOS Payroll (\$K/Year):	39,183
Mil Families Living On Base:	100.0%	Family Housing (\$K/Year):	3,861
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):	4,474	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	441	Activity Code:	34555
Enlisted VHA (\$/Month):	261		
Per Diem Rate (\$/Day):	103	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDCO9.C3R
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFI1.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HANSCOM, MA

Total Officer Employees:	852	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	872	Communications (\$K/Year):	3,704
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	18,161
Total Civilian Employees:	2,354	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	59.0%	Family Housing (\$K/Year):	8,996
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.29
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,425	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	432	Activity Code:	AFD36
Enlisted VHA (\$/Month):	303		
Per Diem Rate (\$/Day):	139	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	162	243	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 (%):	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):	0					
		Perc Family Housing ShutDown:				0.0%

Name: HANSCOM, MA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	13	21	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	246	369	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 (%):	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):	132					
		Perc Family Housing ShutDown:				0.0%

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.0BR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTF.N.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: HANSCOM, MA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-53	0	0	0	0
Enl Force Struc Change:	0	5	0	0	0	0
Civ Force Struc Change:	0	-349	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: FT MONMOUTH, NJ

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities CE Estimate 2/2/95	OTHER	0	0	8,830

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:	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 SICR 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 : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDCO9.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.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			



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE ASSISTANT SECRETARY

28 FEB 1995

101

MEMORANDUM FOR THE CHAIRMAN, LABORATORY JOINT CROSS-SERVICE GROUP

FROM: SAF/MII

SUBJECT: Assessment of DDR&E Memo #4 Alternatives

REFERENCES:

- A. DDR&E Memo #4 of 29 Nov 94 re Alternatives for MILDEP Consideration
- B. SAF/MII Memo of 19 Jan 95 re LJCSG Memo #4 Alternatives

In reference B, the AF committed to consider the Memo #4 Alternatives (Reference A). Attached you will find our functional review and COBRA analysis of these alternatives.

JAMES F. BOATRIGHT
Deputy Assistant Secretary of the Air Force
(Installations)

Attachments:
Functional Review
COBRA Analysis



FOR OFFICIAL USE ONLY -- BRAC '95 SENSITIVE
DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



FEB 15 1995

MEMORANDUM FOR THE CO-CHAIRMAN, AIR FORCE BASE CLOSURE EXECUTIVE GROUP

FROM: SAF/AQ

SUBJECT: Functional Assessment of DDR&E Memo #4 Alternatives

REFERENCES:

- A. DDR&E Memo #4 of 29 Nov 94 re Alternatives for MILDEP Consideration
- B. SAF/MII Memo of 19 Jan 95 re LJCSG Memo #4 Alternatives

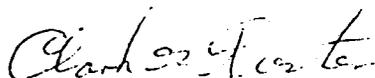
In Reference A Memo, DDR&E requested the MILDEPs to consider some additional alternatives beyond those identified by the LJCSG Working Group. The AF has done so, in accordance with Reference B. The resulting functional analysis is contained in the attachments to this Memo. Specifically, the response to Paragraph 1 is in Attachment 1; to Paragraphs 2, 3 & 4 is in Attachments 2 & 3; and to Paragraph 6 is in Attachment 4. No AF response is required to Paragraph 5 as no AF activities reported involvement in Pyrotechnics.

One factor apparently not fully considered by DDR&E in its development of alternatives is that most of the products under discussion (e.g., Air Vehicles) involve the primary mission of the AF and secondary missions of the other MILDEPs. Even though the AF is the most significant player in the majority of the Cross-Service product lines and has already achieved the greatest consolidation, many of the Memo #4 alternatives surprisingly suggested consolidation at other MILDEP activities. For example, the AF has already consolidated its RDT&E of conventional weapons at Eglin AFB (with some cruise missile R&D at ASC (WPAFB)). In addition, these same RDT&E resources are also leveraged by the collocation of S&T, R&D, Acquisition, DT&E, OT&E, and Training communities. Major operational users, such as AFSOC, 33rd FW and USAFAWC are collocated at Eglin and work closely to support our integrated product team focus. On the other hand, the other Services' Weapons RDT&E is fragmented among multiple activities and locations (e.g. Navy at 11 activities/locations, and the Army at 7 activities and 6 locations).

Another factor apparently not considered by DDR&E in their analysis is the degree to which the MILDEPs have successfully outsourced their R&D work. This represents the efficiency with which the MILDEPs are using the resources, particularly personnel, provided to them. An examination of the number of personnel required to accomplish a given amount of work (represented by funds provided) and the facilities and equipment required to accomplish the work reveals that AF leveraging of its resources is very significant (e.g., almost three-fourths of Phillips Lab, Edwards funding goes to

the private sector), yet this important consideration was not included in the DDR&E analysis supporting the Reference A alternatives.

Since (a) the AF share of the DoD C3 budget has consistently been over 50% for the past few years, and (b) the AF will be the only MILDEP to complete consolidation of its C4I S&T and EMD activities at a single site (Hanscom AFB), the DDR&E recommendations concerning C4I seemed particularly unsupported by the facts.



CLARK G. FIESTER
Assistant Secretary of the Air Force
(Acquisition)

Attachments: a/s

AIR VEHICLES

Reference DDR&E memo paragraph #1 requested that the MILDEPs "analyze the consolidation of those (Air Vehicle) laboratory activities and support functions that they are otherwise considering for realignment or closure..." The AF Air Vehicle laboratory activities are all located at a single location, Wright-Patterson AFB. As Wright-Patterson AFB is not being considered for realignment or closure by the AF as part of BRAC '95, no additional analysis of this alternative is required.

AIR-TO-AIR & AIR-TO-GROUND WEAPONS

(including EXPLOSIVES and PROPELLANTS)

Memo #4 requested that the MILDEPs consolidate "...all fixed wing air-to-air and air-to-ground RDT&E at NAWC, Weapons Division China Lake" under the presumption of moving from lower to higher Functional or Military Value T&E sites. Based on the T&E JCSG Functional Values, Eglin scored significantly higher than China Lake for Armaments/Weapons (82 vs 57). The identification of China Lake in Memo #4 for a consolidation site, versus Eglin, is inconsistent with the T&E JCSG results.

In addition, since there was no T&E analysis provided to support this alternative, the AF completed the analysis using certified Lab and T&E JCSG data. The completed analysis combines the T&E portion (since the objective was to collocate to the higher value T&E location), with the Lab portion to address RDT&E. This approach permitted the air launched weapons RDT&E activities of Eglin and China Lake to be examined as a whole, rather than piecemeal.

The results of that analysis for air-to-air and air-to-ground weapons, including explosives, (attachment 2B), show that **Eglin is the best alternative** based on:

- Analysis of Lab and T&E JCSG certified data
- Full Capability/Capacity to Satisfy Requirements
- Leverages RDT&E resources to support collocated S&T, EMD, DT&E, OT&E, and User Communities
- RDT&E capability fully integrated with collocated acquisition SPOs
- Significant Joint Activity in Place (e.g., AMRAAM, JDAM)

Based on this analysis, efforts to consolidate air-to-air and air-to-ground weapons RDT&E should be focused on Eglin, since it is supported by the T&E JCSG Functional Values and combined R&D/T&E analysis of certified data. Therefore, no further analysis should be conducted on the consolidation of air-to-air/air-to-ground weapons RDT&E at China Lake.

A similar analysis was done for the Propellants area since Memo #4 requested the MILDEPs to consolidate "...all missile and rocket propulsion RDT&E at NAWC, China Lake". The result of that analysis (also attachment 2B) shows that **Phillips Lab is the best alternative** based on:

- Analysis of Lab and T&E JCSG certified data
- Full S&T Capability/Capacity
- Significantly Greater Capital Investment than China Lake
- Overwhelmingly (<85%) Focused on Space (vs Missiles/Rockets)

Based on this analysis, efforts to consolidate propulsion should be focused on Philips Lab at Edwards, and no further analysis should be conducted on the consolidation at China Lake.

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**Air Force BRAC '95 Analysis
of
T&E Infrastructure**

Part III: Analysis of RDT&E Alternatives for
Armament/Weapons, Explosives, and Propulsion

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Part III of the Air Force analysis developed RDT&E alternatives for armament/weapons, energetics-explosives, and energetics-propulsion.

Primarily, Part III addresses the Laboratory JCSG Chair's RDT&E alternatives as forwarded in the DDR&E Memo #4, dated 29 Nov 94 (Reference 3).

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Air Launched Weapons RDT&E **Background**

- LJCSG Chair Alternatives (29 Nov 94 Memo #4)
 - Proposes to Consolidate Fixed Wing, Air-Launched (A-A/A-S) Weapons at NAWC (China Lake)
 - AF Did Not Analyze Since Not Developed Jointly and No Supporting Analysis Provided
- OSD(ES) Clarification of DepSecDef's 7 Jan 94 Memorandum (27 Dec 94)
 - Expanded to Include Alternatives Provided by JCSG Chairs (vs Jointly Developed)
- LJCSG Chair Provided Supporting Analysis
 - Conceptual Approach for Integrating Lab (R&D) and T&E JCSG Results
 - Analysis Only Addressed Lab Activities
 - AF Proceeded with Evaluating R&D Portion of Alternatives Only
- Since No T&E Analysis Provided to Support RDT&E Alternative, AF Completed T&E Analysis for "Core" T&E Activities (See Part II)
 - Used Results, Along with LJCSG Data, to Address RDT&E Alternatives

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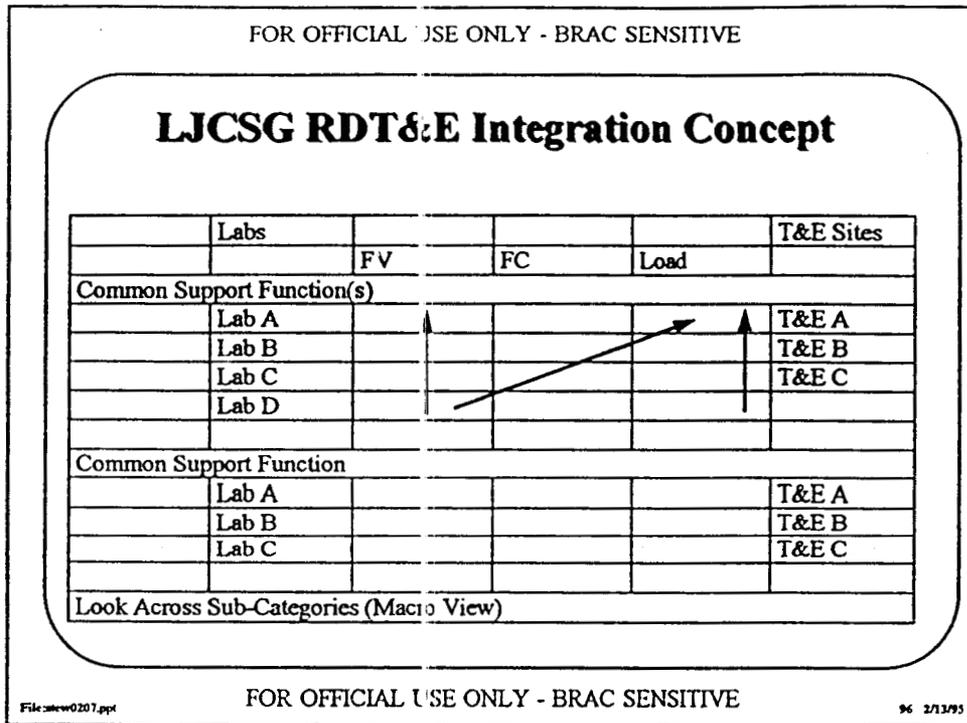
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The LJCSG Chair alternatives in the 29 Nov 94 Memorandum #4 (Reference 3) proposed to consolidate fixed wing, air-launched, air-to-air, and air-to-surface weapons at NAWC (China Lake). The Air Force's initial position was to not analyze these alternatives since they were not developed jointly and no supporting analyses were provided, in accordance with DepSecDef's 7 Jan 94 tasking memo (Reference 1).

OSD (ES) clarified the DepSecDef's policy allowing for any JCSG chair to propose alternatives for consideration by the MilDeps. The AF requested the analysis supporting these alternatives from the LJCSG and the T&E JCSG chairs. Subsequently, the LJCSG Chair provided some supporting analysis for the R&D (Lab) portion of the RDT&E alternatives and the Air Force proceeded in evaluating this portion of the LJCSG Chair's RDT&E alternative.

Since no T&E-specific analyses were provided to the Air Force to support the T&E portion of the RDT&E alternatives, the Air Force used the T&E JCSG results and combined them with further analysis of the LJCSG certified data to address the RDT&E alternatives.



This chart was extracted directly from the LJCSG Chair's analyses furnished as supporting documentation for the alternatives offered in Memo #4 (Reference 3). The intent of the chart, as briefed to the LJCSG, was to illustrate the flow of R&D and T&E activities from lower functional values (FV) to higher functional values, and the flow of lower functional value R&D laboratories to higher functional value T&E activities with open air ranges (OAR).

This integration concept is explained further in the following charts.

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**LJCSG RDT&E Integration Concept
(Analysis Ground Rules)**

- Integrate RDT&E Functions
- Move Lab Activities to T&E Sites Due to Range Space
- Move From Lower to Higher Functional or Military Values
- Roll Up/Look For Activity/Installation Alternatives

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The analyses provided by the LJCSG Chair, as support for the proposed RDT&E alternatives, contained an LJCSG RDT&E integration concept chart (with the following guidelines).

- a. integrate RDT&E functions,
- b. move lab activities to T&E sites due to range space,
- c. move from lower to higher functional or military values, and
- d. roll-up/look for activity/installation alternatives.

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Air Launched Weapons RDT&E
Scope

- RDT&E
 - Includes S&T and EMD (Excludes ISE)
- Fixed-Wing A-A/A-G Weapons
 - Surface-to-Surface T&E Excluded
 - Includes 5 CSFs
 - Conventional Missiles and Rockets
 - Guided Projectiles
 - Bombs
 - Guns/Ammo (Added)
 - Cruise Missile
 - Excludes Land, Sea, and Rotary-Wing Launched Weapons
- Lab Activities Include
 - 3 AF (1 Added)
 - 10 Navy (5 Added)
 - 4 Army (All Added)
- Energetics-Explosives Integral Part of Weapons RDT&E

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The LJCSG Chair's alternatives provided in Reference 3 focused exclusively on RDT&E and specifically addressed S&T, EMD, and T&E but excluded reference to in-service engineering (ISE). Although the LJCSG collected R&D data for air-launched, land-launched and sea-launched weapons, the LJCSG Chair narrowed the alternatives by examining "air-launched weapons" going on to define this as "...fixed wing air-to-air and air-to-ground weapons...". Thus, these alternatives addressed four weapons common support functions (CSFs) as follows:

- a) conventional missile and rockets
- b) bombs
- c) guided projectiles
- d) cruise missiles

Even though data were collected and analyzed for a fifth CSF (Guns and Ammunition), the LJCSG Chair's alternative did not address this CSF. The alternatives provided by the T&E JCSG addressed air armaments/weapons T&E which included air-to-air, air-to-surface, and surface-to-air but excluded surface-to-surface weapons.

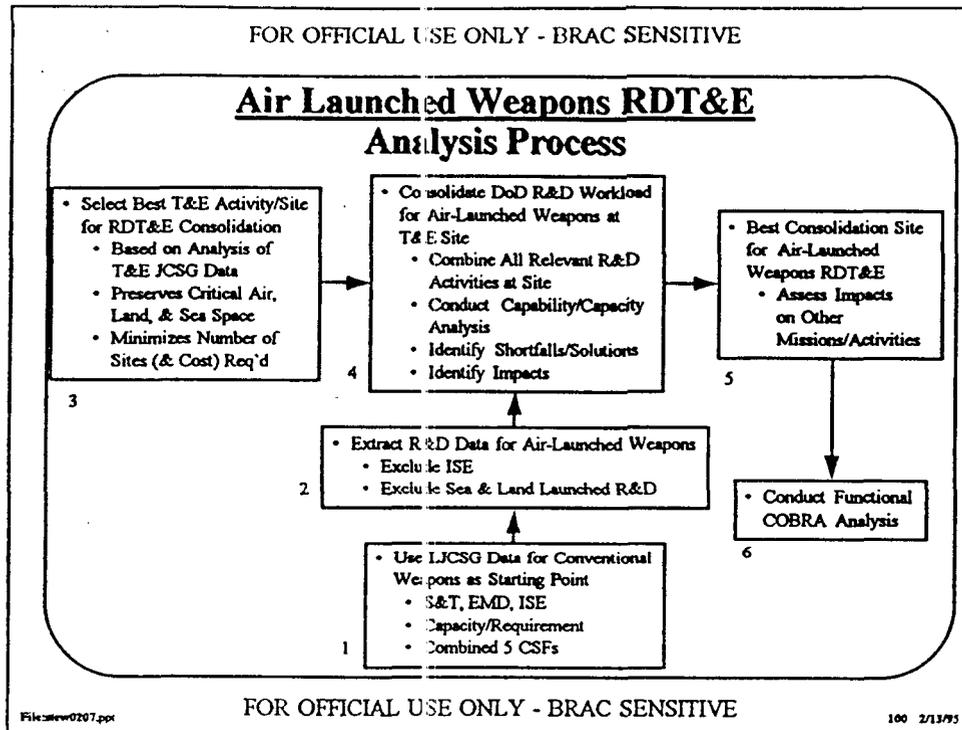
As a result of the above constraints posed by both the LJCSG and T&E JCSG, the Air Force's analysis focused on air-to-air and air-to-ground weapons excluding from analysis, land, sea, and rotary-wing launched weapons. Additionally, LJCSG Memo #4 (Reference 3) also excluded from their analysis several Service organizations. To make the Air Force's analysis complete, these organizations (one for Air Force, five for Navy, and four for Army) were all included to ensure a thorough and accurate comparison.

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These organizations are:

Air Force	ASC WPAFB, OH
Navy	NSWC Dahlgren, VA
	NSWC Port Hueneme, CA
	NSWC Crane, IN
	NSWC Louisville, KY
	NSWC RDTE Warminster, PA
	ARDEC Picatinny Arsenal, NJ
Army	MRDEC Redstone Arsenal, AL
	ARL-AFG, MD
	Benet

The LJCSG Chair's Memorandum #4 alternatives actually broke the energetics area into three sub areas: propellants, explosives, and pyrotechnics. Energetics-explosives is an integral part of all weapons and consequently, the Air Force did not separately analyze the weapons systems and explosives. Energetics-propellants was analyzed by the Air Force. Energetics-pyrotechnics was not analyzed by the Air Force because the Air Force is not a player in this area.



The process used to analyze the air launched weapons RDT&E is as follows:

Step 1: Initiate the analysis by using the data provided by the LJCSG for weapons. These data considered five CSF's:

- a. Conventional missiles/rockets
- b. Guided projectiles
- c. Bombs
- d. Guns/ammo
- e. Cruise missiles

For these CSF's, functional capacity and DoD-level functional requirement were available for S&T, EMD, and ISE.

Step 2: Based on the content of LJCSG Chair's Memo #4 (Reference 3) and as stated in the scope, these data were modified by excluding ISE and sea/land launched R&D. This brings the data in direct alignment with the content of Memo #4.

Step 3: Then, the best T&E activity/site was selected for RDT&E consolidation. This selection was based on the T&E JCSG certified data and results for Armament/Weapons. The T&E JCSG analysis preserved critical air, land, and sea space and, through policy imperatives, realigned facilities to open air ranges so as to minimize the number of sites (and cost) required.

Step 4: Using the T&E site from Step 3, evaluate consolidation of the DoD R&D workload for air-launched weapons at that site; that is, combine all relevant R&D activities at the site. For these activities, conduct capability and capacity analyses, identify any shortfalls/solutions, and identify any impacts.

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Step 5: Based on the preceding steps, the best site for consolidation of air-launched weapons RDT&E is identified, leaving the assessment of any impacts on other missions/activities to be accomplished.

Step 6: The last step is to conduct a functional COBRA analysis for consolidation to the site selected in Step 5. This step was not addressed due to inadequate data.

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Air Launched Weapons RDT&E
***Best T&E Activity/Site**

	Requirement	AFDTC (Eglin)	NAWC (China Lake)
Functional Value		82	57
OAR Capacity (Test Hours)	N/A	16,036	3,986
A/W Flight Tests Per Year	N/A	582	118
Air Space (sq mi)	50,000	93,143	19,445
DoD Land Space (sq mi)	(1) 21,000	724	1693
Sea Space (sq mi)	50,000	91,998	None
Max Straight Line (nm)	A-A = 220	(2) 478	60
	A-S = 350	478	60
	S-A = 240	(2) 478	60

Note: (1) No activity meets 21,000 sq mi DoD Land Space Requirement
WSMR's 3,381 sq mi DoD Land Space is max
(2) Includes Theater Missile Defense Capability

* Based on Part II T&E Analysis

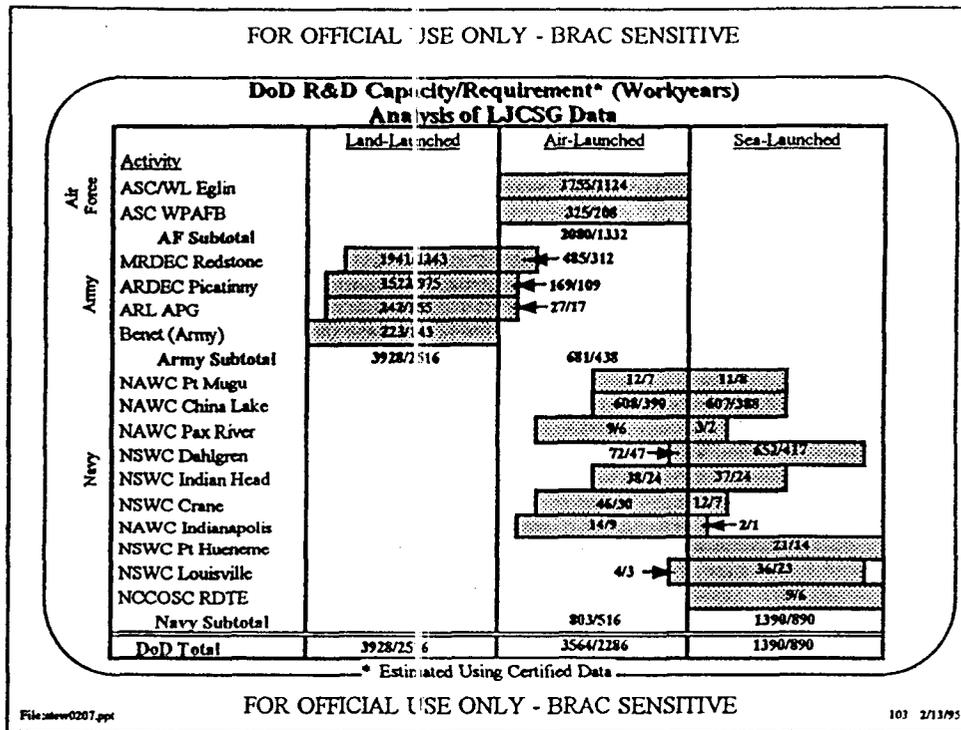
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A direct comparison of AFDTC Eglin and NAWC China Lake clearly shows that AFDTC Eglin is the only site capable of meeting the DoD T&E capability and capacity requirements. Eglin's functional value is significantly higher than China Lake (82 versus 57). Eglin has four times the capacity of China Lake, and Eglin conducts five times the number of flight tests of China Lake.

Eglin contains both land and sea space at one site, whereas China Lake only provides land space. Eglin provides almost five times the amount of air space as China Lake which can be used to launch live armament/ weapons. Eglin's air space includes 33,763 square miles of restricted/warning air space plus 59,380 square miles of Eglin Water Test Areas (EWTAs) which Eglin controls for live weapons testing per agreement with FAA. Eglin's sea space includes 32,618 square miles under warning areas plus 59,380 square miles under EWTAs. Further, Eglin can conduct air-to-air, air-to-surface, and surface-to-air tests which require up to a 478 nautical mile maximum straight line segment within the safety footprint. Eglin's safety footprints size also supports Theater Missile Defense and cruise missile T&E. In contrast, China Lake is constrained to a 60 nautical mile straight line segment within their safety footprints which only supports short range air-to-air and air-to-surface weapons.

These results are taken from the T&E JCSG data and results shown in Part II of this report.



As previously discussed under Scope, the content of the LJCSG Chair's Memo #4 (Reference 3) specifically excluded the sea life cycle and land/sea/rotary-wing launched weapons. This focused the LJCSG Chair's alternatives to R&D air-to-air/air-to-ground weapons launched from fixed-wing platforms (as opposed to rotary-wing). However, all data provided as a part of the LJCSG analysis did not discriminate as to its source; that is, air-launched, land-launched, or sea-launched weapons data. Since the thrust of the LJCSG Chair's alternative was air-launched, the proportions of land/air/sea launched were estimated.

For each activity (2 Air Force; 4 Army; 10 Navy), the functional capacity (FC) for all 16 activities was provided; although FC was not broken down into land/sea/air. The functional requirement (FR), however, was only provided for each CSF and was not broken down to each activity supporting that CSF. To compute the FR value for each activity, it was assumed that the ratio of the FR for the activity in a CSF (FR: activity, CSF) is the same as the ratio of the FC for the activity in a CSF (FC: activity, CSF) to the total FC for a CSF (FC: total, CSF).

The FC: activity, CSF, FC: total, CSF, and FR: total, CSF are known making computation of the FR: activity, CSF possible. With these calculations, the FC and FR is defined for each of the 16 activities. From these FC/FR values the portion of the capacity/requirement directed toward land-launched, air-launched, and sea-launched weapons was derived using the certified BRAC data from all three Services. Using the certified data from each activity, a review was conducted and an estimate was made regarding that activity's involvement in land, air, or sea weapons research and development. This percentage involvement was then used to compute the portion of FC and FR for land, air, and sea-launched weapons. This allowed the creation of a bar graph

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that shows the involvement of each of the 16 activities in all three areas of weapons R&D: land-launched, air-launched, and sea-launched.

One further clarification can be achieved in accomplishing the analysis of this bar graph. LJCSG Chair Memo #4 specifically addressed air-launched weapons from fixed-wing aircraft. This allows deletion of the Army's R&D air-launched capacity/requirement since their efforts are rotary-wing oriented. This results in an Air Force to Navy comparison in the air-launched weapons area. Using the bar graph composed, analytical comparisons can be made with regards to the capability of different Services/activities to absorb air-launched weapons requirements from across DoD.

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Air-Launched Weapons RDT&E
R&D Assessment
(Functional Requirement/Excess Capacity)

	Eglin	China Lake	Comments
Before Intra-Service Consolidations	1124/631	390/218	Eglin Can Absorb China Lake - But Not Vice Versa
		516/287 (Total Navy)	Eglin Can Absorb Total Navy Req't - But Not Vice Versa
After Intra-Service Consolidations	1332/423	608/0	Requires Second Navy Site to Accomodate 798 Work Years to Meet Total Navy Requirement

Note: - Eglin Has Full R&D Capability (i.e., Collocated Acquisition) vs Partial Capability at China Lake (i.e., Acquisition at Crystal City)
 - Even Assuming China Lake 100% Air-Launched, Eglin Short Fall Only 147 Workyears versus 687 for China Lake

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Based on an analysis of this bar graph for land-, air-, and sea-launched weapons, the following can be concluded:

- Before Intra-Service consolidations:

Eglin AFB Functional Requirement (FR) = 1124 WYrs
 Excess Capacity (EC) = Functional Capacity (FC) - FR
 EC = 1755 - 1124 = 631 WYrs

China Lake FR = 390 WYrs
 EC = 608 - 390 = 218 WYrs (assuming a 50/50 split between air-launched and sea-launched weapons)
 FR = 390 + 388 = 778 WYrs
 EC = (608 + 607) - 778
 EC = 1215 - 778
 EC = 437 WYrs (assuming 100 percent in air-launched weapons)

Assuming China Lake's division of F&D is 50/50 between air- and sea-launched weapons, Eglin AFB's excess capacity (631 WYrs) can absorb China Lake's workload (390 WYrs) but not the reverse as seen from the above China Lake data (China Lake's EC = 218 WYrs and Eglin's requirement is FR = 1124 WYrs). If China Lake is 100 percent air-launched weapons and 0 percent sea-launched weapons, Eglin AFB can still accept all of the air-launched R&D from China Lake with a modest shortfall of 147 WYrs.

EC (Eglin) = 631 WYrs
 FR (CL) = 778 WYrs (if 100 percent air-launched)
 Shortfall for Eglin = 631 - 778 WYrs = 147 WYrs

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The reverse of this situation shows a large shortfall for China Lake (687 WYrs) if China Lake tries to absorb all of the air-launched weapons R&D from Eglin.

EC (CL) = 437 WYrs

FR (EG) = 1124 WYrs

Shortfall for CL = $437 - 1124$ WYrs = 687 WYrs

The 147 WYrs shortfall at Eglin AFB could be easily accommodated within the current base infrastructure.

- After Intra-Service Consolidations:

Because of the large number of Navy organizations currently involved in weapons R&D (ten organizations at this time), there is a significant opportunity for intraservice consolidation within the Navy before considering any interservice consolidation.

All Air Force (AF) consolidation at Eglin AFB -

FR (AF) = 1124 (Eglin) + 208 (WPAFB)

FR (AF) = 1332 WYrs

EC (AF) = 631 (Eglin) - 208 (WPAFB)

EC (AF) = 631 - 208

EC (AF) = 423 WYrs

All Navy consolidation at China Lake -

FR (Navy) = 516 + 890

FR (Navy) = 1406 WYrs

FC (CL) = FR (CL) = 608 WYrs

Therefore, China Lake can absorb 608 WYrs of the Navy's requirement of 1406 WYrs leaving 798 WYrs

($1406 - 608 = 798$ WYrs) that has to be met by a second Navy site to meet the total Navy requirement.

A note worthy of mention is that Eglin already has full R&D capability (i.e., collocated acquisition) on site whereas the Navy at China Lake only has the technical capability to support acquisition (i.e., acquisition located at NAVAIR in Crystal City which was not included in the Navy's IJCSG Data).

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Air Launched Weapons RDT&E
Recap

- Eglin (vs China Lake) is Best Alternative for Consolidation of Fixed-Wing Air-Launched Weapons RDT&E
 - Based on Analysis of T&E and Lab JCSG Data
 - Full Capability and Capacity to Satisfy Requirements
 - Leverages Same RDT&E Resources to Support Collocated S&T, SPO, DT&E and Operational Test, Training and Tactics Development Users
 - Significant Joint and Cross-Servicing Activity Already in Place (e.g., AMRAAM, JDAM, LOCAAS, Hellfire Test Complex, Project Chicken Little, etc.)
- Energetics-Explosives RDT&E Treated as Integral Part of Weapons RDT&E
 - No Separate Analysis

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Based on the T&E JCSC data/results and analysis of LJCSG data, and using the LJCSG Chair's RDT&E integration concept, Eglin AFB (instead of China Lake) is the best alternative for consolidation of the DoD fixed-wing air-launched weapons RDT&E. Eglin AFB has the best capability in the DoD for consolidating the air-launched T&E and the capacity to absorb China Lake T&E workload, where the reverse is not true. Eglin AFB places both sea and land ranges at one site versus a land only capability for China Lake. Combined with WSMR, Eglin satisfies DoD T&E requirements for critical air, land, and sea space, diverse topography and diverse climatology, where the reverse combination would not be true with China Lake.

Eglin, combined with ASC (WPAFB), has the capacity (2080 Wyr) to absorb all DoD workload (1848 Wyr) for fixed-wing air-launched R&D whereas the reverse is not true (i.e., Navy capacity of 803 Wyr vs 1332 Wyr requirement for Air Force). Eglin alone has the excess capacity (631 Wyr) to absorb China Lake's air-launched R&D workload (390 Wyr). This would leave the Navy and Army capabilities for sea- and land-launched R&D in place and would collocate the air-launched weapons acquisition with the technical capabilities, versus the Navy approach where the acquisition function is located separately at NAVAIR in Crystal City, VA. This alternative allows the research, development, acquisition, T&E and Operational Training and Tactics Development/Evaluation communities to leverage the same RDT&E resources. The precedent for this alternative is readily illustrated by the significant joint and cross-servicing activities already in place at Eglin AFB, e.g., AMRAAM, JDAM, LOCAAS, Hellfire Test Complex, Project Chicken Little, etc.

As noted earlier, Energetics-Explosives RDT&E is an embedded part of Weapons RDT&E and thus covered in the above analysis.

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Air Launched Weapons RDT&E
Recap (Cont'd)

- Similar to T&E Analysis, Significant Opportunities Exist for Navy and Army for Intra-Service R&D Consolidation
 - Army Could Consolidate from 4 to 2 Activities
 - Navy Could Consolidate from 10 to 2 Activities
 - Air Force is Already Consolidated at 2 Locations (Could go to 1)

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Similar to the result found for T&E, both the Army and the Navy have significant opportunities for intra-Service R&D consolidation. The Air Force is already streamlined and consolidated at 2 locations but could consolidate to one location if required. The data show that the Army could consolidate from 4 to 2 activities, while the Navy could consolidate from 10 to 2 activities.

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Energetics-Propulsion S&T Capabilities

Site	Solids		Liquids			
	Research Labs	Propellant Mix Capabilities	Mono & Bi-Propellants	Cryogenic Propellants	Electrics/Solar	High-Energy Density Materials
PL	Yes	Yes	Yes	Yes	Yes	Yes
CL	Yes	Yes	No	No	No	No
RTTC	Yes	UNK	No	No	No	No

PL = Phillips Lab (AF)
 CL = China Lake (Navy)
 RTTC = Redstone Technical Test Center (Army)

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LJCSG Chair's RDT&E alternatives, as forwarded under Memo #4 (Reference 3), indicated excess capacity in this function and proposed consolidating all missile and rocket propulsion RDT&E at NAWC/CL. Principal candidates for closure or realignment were Philips Laboratory, Edwards AFB CA, and MRDEC, Redstone Arsenal AL.

The analyses provided by the LJCSG Chair to support these conclusions were very limited. The analyses did not contain any computation of functional capacities, functional requirements, excess capacity, etc., nor were there analyses to indicate that any optimization model runs had been accomplished to determine the best workload assignments based on functional values.

Because of this analysis void, the Air Force constructed its own analysis by using both certified data from the Supplemental Data Call on Energetics and drawing on functional expert judgment. From this review, the table above was constructed to show the wide spectrum of S&T capabilities across Phillips Laboratory (PL), China Lake (CL), and Redstone Test Center (RTTC). The table shows the diversity of technology areas within solid and liquid propulsion and shows involvement by the research and development laboratories.

It is clear from this comparison that only the Air Force's PL has the full spectrum S&T capability, with CL and RTTC having predominately solids capability.

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ENERGETICS - PROPULSION T&E CAPABILITIES

Site	Replacement Value (\$M)	Ambient Facilities				Altitude	Altitude Facilities			
		Liquids		Solids			Liquids		Solids	
		No.	Thrust (lb)	No.	Thrust (lb)		No.	Thrust (lb)	No.	Thrust (lb)
PL	\$188.80	7	10,000 K	13	6,000 K	100 K ft	1	50 K	2	100 K
CL	\$ 19.59	1	300 K	8	1,500 K	-	0	-	0	-
RTTC	\$ 4.05	1	150 K	5	2,000 K*	-	0	-	0	-
AEDC	\$1,000.00	0	-	0	-	125 K ft	2	1,500 K	2	750 K

* RTTC has a concrete pad for thrust of 2,000 K lbf, but not demonstrated and not instrumented

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Expanding the analysis to look at the T&E capabilities, as well as the S&T capabilities shown in the previous table, a quantitative comparison can be made for the facilities located at Philips Laboratory, China Lake, RTTC, and AEDC. AEDC was added because of its extensive T&E propulsion capabilities. Not only were solid and liquid capabilities addressed but also the ability of the activity to perform solid/liquid tests at both ambient and altitude conditions.

As can clearly be seen, the Air Force's Philips Laboratory has the dominant ambient facility capabilities, and AEDC the dominant altitude capabilities. China Lake and RTTC only have ambient capabilities that are subsets of Philips Laboratory.

In addition, Phillips Laboratory has a significantly larger infrastructure than China Lake or Redstone, as evidenced by their replacement values. These values were obtained from the LJCSG Supplemental Data Call. The value for AEDC was extracted from the T&E JCSG Data Call.

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**ENERGETICS - PROPULSION
RECAP**

- AIR FORCE PL IS BETTER ALTERNATIVE FOR CONSOLIDATING ENERGETICS-PROPULSION THAN CHINA LAKE
 - FULL CAPABILITY AND CAPACITY TO SATISFY REQUIREMENTS
 - SIGNIFICANTLY HIGHER CAPITAL INVESTMENT THAN CHINA LAKE OR RTTC
- PL COMBINED WITH AEDC HAS CAPABILITY TO SATISFY TOTAL DOD REQUIREMENTS

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For energetics-propellants, the data presented in the previous two tables clearly show that from both an S&T and a T&E perspective, Philips Laboratory (PL) is clearly the activity of choice for consolidation, not China Lake. Philips Laboratory has full S&T capabilities (solid and liquid propulsion) with supporting research laboratories and personnel, whereas China Lake and RTTC have capability only in solid propulsion and no capability in liquid propulsion.

Additionally, from a T&E capability standpoint, Philips Laboratory has significant infrastructure already in place, \$188.8M replacement value, for both ambient and altitude facilities. China Lake has only \$19.59M worth of infrastructure in place while RTTC has only \$4.05M, and both of these investments are only in the ambient facility area.

Combining Philips Laboratory's capabilities with AEDC's \$1B capability for altitude testing can satisfy the total S&T and T&E DoD requirement for energetics-propellants.

REFERENCES

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2. T&E JCSG Co-Chairmen Memorandum of November 22, 1994, Alternatives for Test and Evaluation in Base Realignment and Closure: 1995 (BRAC 95) Deliberations
3. DDR&E Memorandum of November 29, 1994, Additional BRAC 95 Laboratory Alternatives for Military Department Consideration (#4)
4. T&E JCSG Analysis Plan, dated 3 August 1994 and amended 3 October 1994
5. SAF/MII Memorandum of December 14, 1994, Assessments of JCSG T&E Alternatives
6. T&E JCSG Co-Chairmen Memorandum of December 20, 1994, Assessments of JCSG-TE Alternatives
7. SAF/MII Memorandum of December 22, 1994, Assessment of JCSG-TE Alternatives
8. AF/TE Memorandum of 10 January 1995, Assessments of T&E JCSG Alternatives
9. SAF/MII Memorandum of February 11, 1995, Final Assessment of T&E Alternatives
10. ASD(ES) Memorandum of November 13, 1994, 1995 Base Realignments and Closures (BRAC 95) -- Policy Memorandum Two -- Joint Cross-Service Group Functional Analysis Process, with attachment, Joint Cross-Service Analysis Tool User's Guide
11. T&E JCSG Co-Chairmen Memorandum of August 4, 1994, 1995 Base Realignment and Closure (BRAC) Test and Evaluation (T&E) Joint Cross-Service Group Supplemental Data Call
12. ASD(ES) Memorandum of December 27, 1994, 1995 Base Realignments and Closures (BRAC 95) - Clarification of the Joint Cross Service Group Functional Analysis Process

CRUISE MISSILES

DDR&E memo paragraph #2 requested that the MILDEPs examine the movement of Air-to-Air and Air-to-Ground missile development work from their R&D centers to a T&E center. One of the Common Support Functions listed in paragraph #2 for consideration was Cruise Missiles. The AF Cruise Missile development work is done at Wright-Patterson AFB's Aeronautical Systems Center (ASC). Although Cruise Missiles was listed in paragraph #2, ASC at Wright-Patterson AFB was not one of the candidate organizations listed in Paragraph #2 for movement to a weapons T&E center.

The primary purpose of the alternatives described in paragraph #2 is to collocate in one DoD location all the RDT&E activity associated with Air-to-Air and Air-to-Ground missiles involving the handling of propellants/explosives. The reason for this proposed consolidation is the investment required in specialized facilities required to handle explosives/propellants. The Cruise Missiles development work conducted at ASC/Wright-Patterson does not involve the handling of propellant/explosives; that is, the handling of propellant/explosives is done by private industry or other DoD activities as part of ASC's Cruise Missile development work. Since ASC/Wright-Patterson is not mentioned in paragraph #2 and since they are not involved in the handling of explosives/propellants, one must conclude that their work was not intended to be included under Paragraph #2 and therefore no further analysis of ASC/Wright-Patterson's Cruise Missile work is required.

C4I

This alternative consists of three separate options:

- Relocate SPAWAR to either Hanscom AFB or Ft. Monmouth
- Relocate the portion of ESC and Rome Lab at Hanscom AFB to Ft. Monmouth
- Relocate Rome Lab, Rome, NY to some combination of Hanscom AFB and Ft. Monmouth

For the SPAWAR option, the AF replied to the Navy request for COBRA information. Hence, the Navy is responsible for performing a COBRA run and making a final decision on the disposition of SPAWAR. We did note from the C4I supplemental data call that there is commonality in the activities of SPAWAR and ESC (e.g., JTIDS), and therefore the likelihood of consolidation savings should the Navy elect to relocate SPAWAR to Hanscom AFB. ESC already has efforts jointly underway with the Navy, and the SPAWAR collocation would effectively build on the mutual work already in place.

For the option that relocates the portions of ESC and Rome Lab at Hanscom AFB to Ft. Monmouth, the AF followed the LJCSG process of examining the "fit" of the activities involved. The results of that examination are contained in the attached.

For the Rome Lab, Rome, NY option, the AF examined a range of alternatives from complete relocation to Ft. Monmouth, complete relocation to Hanscom AFB, and various mixes of Ft. Monmouth/Hanscom AFB. The AF preliminary decision was the relocation of unique AF work to Hanscom AFB and DoD-common work to Ft. Monmouth. This decision balanced the interests of DoD in further consolidating C4I S&T and the AF in further consolidating C4I S&T and EMD.

C4I

Alternative Description: This alternative would close Hanscom AFB, MA and Rome Lab, Rome, NY. The Electronic Systems Center (ESC) and both portions of Rome Laboratory (at Rome, NY and Hanscom AFB, MA) would be relocated to Ft. Monmouth, NJ.

Analysis Issues:

The LJCSG Memo #4 analysis assumed that the functional requirement (FR) would be "CFY-20% at least". However, the Director of DDR&E's 1994 Defense Technology Plan and Defense Science and Technology Strategy, released by the Pentagon on 5 Oct 1994, depicted technology research spending on C3 increasing by over 75% (in constant dollars) from FY94 to FY97. Clearly, the Memo #4 assumed requirement reduction of over 20% is not valid, given the DDR&E forecast of a significant increases in C3 spending.

The LJCSG Memo #4 analysis assumed that the desirable objective was to "Collocate Common Functions" (e.g., AF and Army S&T). An equally desirable objective would be to collocate the S&T and EMD activities of a single MILDEP. Currently, the AF has its C4I S&T/EMD activities at two sites, the Army at three sites, and the Navy at eight sites. In spite of the benefits accruing from consolidating each MILDEP's S&T and EMD activities, no examination of these alternatives was conducted as part of the Memo #4 analysis.

An examination of the Major Facilities/Equipment portion of the LJCSG analysis for Airborne C4I reveals that Ft Monmouth requires over 20 times the DoD infrastructure investment to carry out the Airborne C4I mission as does ESC. A higher degree of outsourcing (public/private partnership) and greater use of Commercial Off-The-Shelf (COTS) hardware and software all lead to mission accomplishment using far fewer DoD resources.

An analysis of the education levels of the ESC and Ft. Monmouth workforces reveals that the ESC workforce average education is greater than a Masters degree, while the Ft. Monmouth workforce averages better than a Bachelors degree. In fact, of over a dozen MILDEP activities engaged in C4I activities, ESC is the only activity to have an education level greater than a Masters degree.

Lastly, ESC manages the greatest concentration of acquisition programs of any of the MILDEP activities reporting C4I activities. In an era when customers vote with their program dollars, ESC should have been the hands down number one choice of where to consolidate the DoD's C4I acquisition work.

Organization/Mission Compatibility:

There are significant differences between the AF and Army C4I organizational structures. Specifically, the Army's C4I EMD activities are dispersed among three primary locations: Ft. Monmouth, Ft. Huachuca, and Ft. Belvoir. The AF, on the other hand, currently has all of its C4I EMD work located at one place - the ESC at Hanscom AFB. The result of this mismatch between AF and Army organizational structures would be to disrupt the AF's consolidated C4I EMD activities in order to relocate it to an Army installation where only pieces of the Army's C4I

EMD work is done. It certainly seems as if the wrong organization is being disrupted and the wrong pieces are being moved if the objective is consolidation of MILDEP C4I activities.

There is little program (e.g., mission) compatibility between the Army C4I effort at Ft. Monmouth and that at the AF's ESC. The Army C4I activities focus primarily on mobile C4I systems while the AF C4I activities focus primarily on Airborne C4I activities. Specifically, of the hundred or so programs at ESC, less than ten are common with the Army C4I work at Ft. Monmouth.

Additionally, the commercial content of ESC's products is very high. ESC has dramatically increased the use of Commercial-Off-The-Shelf (COTS) components in its products. The result has been C4I products that cost less to acquire and take significantly less time to get to the operational customer. This change in the nature of the products requires both a cultural change in the organization mindset and access to state-of-the-art commercial hardware and software components. Acquisition managers have to be willing to substitute commercial practices for MILSPEC processes and have to have knowledge of what commercial technology can do for the operator in the field. Without knowledge of the technology, new systems will be developed from scratch. ESC has undergone the cultural change required and the local Hanscom AFB area is recognized as one of the two largest concentrations of innovative commercial hardware and software products in the nation.

Other Alternatives that should be Considered:

The alternatives of consolidating (a) all the AF C4I activities at Hanscom AFB and (b) consolidating Mobile C4I at Ft. Monmouth and Airborne C4I at Hanscom AFB should be considered. Both alternatives would achieve the AF objective of consolidating all its C4I activities at a single location, thus making the AF the only MILDEP to have achieved this desirable objective. The latter alternative, by assigning lead MILDEP roles to specific C4I functional areas, reduces the potential for duplication between MILDEPs. Had these alternatives been considered in the Memo #4 analysis, we would have been able to compare the cost benefit of the various alternatives. As it is, these alternatives, potentially less expensive, were never compared with the selected alternative.

Additionally, the various DoD agencies involved in C4I activities (e.g. DISA) should have been considered by DDR&E in the C4I analysis. Had these activities been considered, other alternatives to reduce DoD infrastructure (e.g. relocate from lease space to government owned space) would have been identified.

Redundancy:

Currently, there are Joint STARS and JTIDS Program Offices at both Hanscom AFB and Ft. Monmouth. Since the AF is the Executive Service in both cases, the Lead Program Offices are located at Hanscom AFB. Consolidating Airborne C4I at Hanscom AFB would presumably consolidate these Program Offices at Hanscom.

Existing Interconnects that would be broken:

The most significant interconnect that would be broken is the linkage to the computer hardware and software industry in the Hanscom AFB area. The computer industry in the Hanscom area, particularly the software industry, is nationally recognized as one of the leading centers in the US. It is the source of many state-of-the-art software products involving networking, data base systems, security, etc. With the ever increasing emphasis on commercial hardware and software solutions to DoD C4I requirements, the interconnect to local software firms on the cutting edge of technology is vitally important to the successful fielding of cutting edge operational C4I capability. Those same interconnects do not exist at Ft. Monmouth due to the different character of the surrounding industrial base.

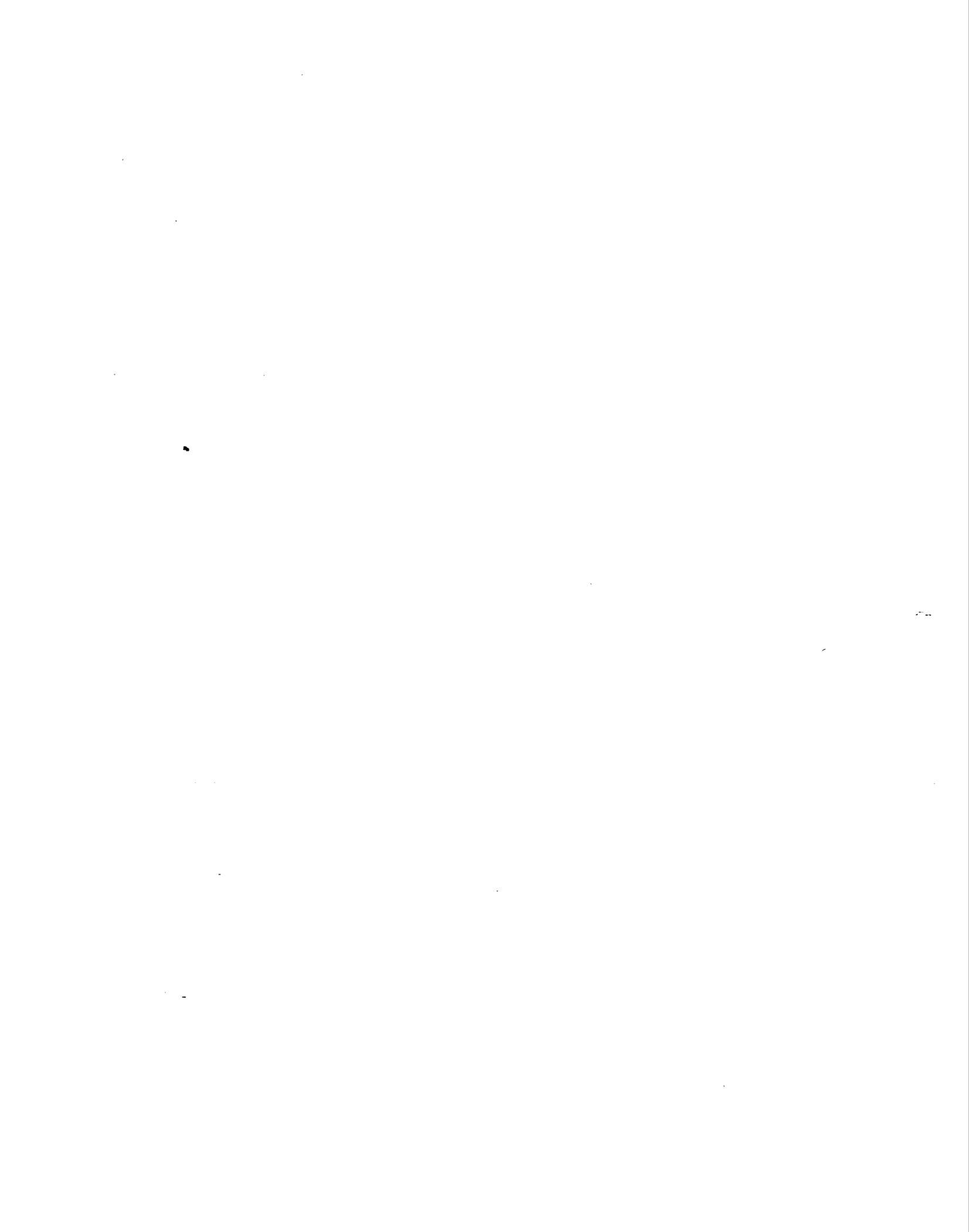
Approximately two-thirds of the ESC workforce is contracted from the local Hanscom AFB area (the FFRDC and SETA/TEM S personnel). The workforce in the Ft. Monmouth area does not have the same technical characteristics as the workforce in the Hanscom AFB area. Specifically, because there is not the same computer systems R&D infrastructure in the area, the Ft. Monmouth area workforce is less likely to have personnel with the required computer system skills. The most valuable resource in the C4I RDT&E area is the knowledge possessed by the acquisition workforce. Other than in special cases like AWACS and Joint STARS, military unique hardware and software does not make up the majority of the operational DoD C4I product line.

Customer View: Many of ESC's programs were assigned to ESC at the request of their customer, not because ESC is the sole source supplier for that product. In a C4I world primarily based on COTS, the customer goes to the "supplier of choice". An examination of ESC's Customer Satisfaction metrics will show that overall, ESC's customers are quite satisfied with ESC's work on their behalf, and their selection of ESC as their supplier of choice dramatically reinforces that view.

Additionally, the Defense Science Board in its Summer Study on Information Architecture for the Battlefield (i.e., C4I) (a) recommended increased use of commercial technology, (b) did not recommend consolidation of Service programs at one service location, and (c) did reinforce the reduced response time through use of COTS. These recommendations only serve to reinforce the culture and acquisition strategy that has been established at ESC. Since about two-thirds of the ESC workforce comes from the private sector, that culture that would, as a minimum, be severely disrupted and quite possibly lost, in a relocation to Ft. Monmouth.

Infrastructure Quality: Ft. Monmouth is further from a major airport (Newark) than is Hanscom AFB (Logan/Boston). With respect to Educational institutions, both locations have numerous higher education institutions within 50 miles, but Hanscom's are generally closer (within 25 miles) and consist of more nationally renowned universities.

Air Quality: With the significant number of personnel already programmed for Ft. Monmouth, an Air Quality conformity determination would likely be required before a decision could be made on adding the Hanscom AFB workforce. Air Quality limitations could preclude a workforce the size of ESC's from being moved to Ft. Monmouth.





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DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



13 FEB 1995

MEMORANDUM FOR THE CO-CHAIRMAN, AIR FORCE BASE CLOSURE EXECUTIVE GROUP

FROM: AF/RTR (Laboratories)

SUBJECT: COBRA Analysis of DDR&E Memo #4 Alternatives

REFERENCES:

- A. DDR&E Memo #4 of 29 Nov 94 re Alternatives for MILDEP Consideration
- B. SAF/MII Memo of 19 Jan 95 re LJCSG Memo #4 Alternatives

In Reference A Memo, DDR&E requested the MILDEPs consider some additional alternatives beyond those identified by the LJCSG Working Group. The AF has done so, in accordance with Reference B. This memo conveys the results of the COBRA analysis on the alternatives.

Two of the Alternatives (Air Vehicles and Pyrotechnics) required no AF COBRA analysis. None was required for Air Vehicles since the AF was not considering Wright-Patterson AFB for realignment or closure (ref SAF/AQ Functional Assessment of DDR&E Memo #4). Since the AF reported no work in Pyrotechnics, no COBRA analysis was required for that alternative either.

For the other three alternatives, Air-to-Air & Air-to-Ground Weapons, Explosives, and Propellants, we needed COBRA quality information from the Navy. In spite of our initial request followed by a request for clarification, we were unable to get confirmation from the Navy that they were proposing to locate our Air Launched Weapons work at (only) China Lake. The impression created by the response was that they would split up our (currently collocated) Air Launched Weapons R&D activity to two or more sites (including China Lake). While we were able to obtain COBRA data (Screen 4 data) on China Lake and Point Mugu from the AF T&E community, we still lack the information necessary to allocate the personnel and facilities data we were provided by the Navy between China Lake, Point Mugu and any other proposed receiving sites being offered. Additionally, in their response to the Propellants portion, there was a decrease of several hundred thousand square feet of in our requirement for heavy lab space, with no accompanying analysis explaining the decrease or methodology, thereby preventing us from accurately determining the MILCON cost. In sum, we could not perform a COBRA run with the information provided by the Navy. In addition, we asked the Navy as part of the request for clarification, to provide us the facilities listing they are proposing because of significant differences between the certified JCSG data and the COBRA data call (e.g., in a number of cases, the JCSG data says China Lake does not possess the required facilities, yet the COBRA data call says no MILCON is required to satisfy the requirement). The Navy said they could not provide the requested listing in their response to the Request for Clarification. The significant

difference in certified facilities data from the two sources makes the validity of any COBRA performed on the data highly questionable.

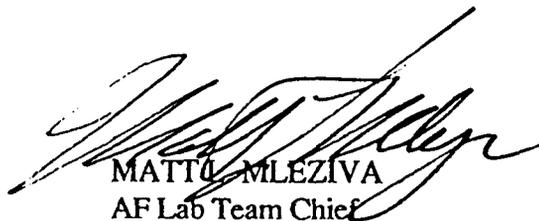
To perform the requested functional analysis, the AF has used the T&E JCSG results and combined them with the LJCSG certified data. The T&E JCSG results show that Eglin scored significantly higher Functional Value than China Lake (82 vs. 57). Based on the LJCSG proposed RDT&E integration concept of moving from lower to higher functional value T&E sites, plus the combined RDT&E analysis completed by the AF (see SAF/AQ letter), efforts to consolidate the Air-to-Air/Air-to-Ground weapons CSF should be focused on Eglin, not China Lake. Similar analysis for the Energetics-Propellants CSF shows that efforts to consolidate should be focused at Phillips Lab at Edwards, not China Lake. Based on this analysis, and the AF Installation Tiering for Eglin and Edwards, no further analysis of these alternatives was pursued.

For the C4I alternative, there were four potential COBRA analyses to perform.

- The first, consolidate SPAWAR at either Ft. Monmouth or Hanscom AFB, did not require an AF COBRA analysis (the Navy, as the contributing MILDEP, performs the required COBRA analysis).
- The second, consolidate ESC at Ft. Monmouth, was performed. Consolidating ESC at Ft. Monmouth would make Hanscom AFB non-viable, and therefore the costs of moving Rome Lab Hanscom and Philips Lab Hanscom (thereby closing Hanscom AFB) were included. Infrastructure savings resulting from the closing of Hanscom AFB were also included. The results were: a one-time cost of \$441M, a net present value of (\$107M) and a Return on Investment of 11 years (Attachment 1). The COBRA Analysis, Functional Assessment and AF Installation Tiering all indicate this alternative would not be beneficial. Therefore, it was not pursued further.
- The third, consolidate Rome Lab Hanscom AFB at Ft. Monmouth was also performed. The results were: a one-time cost of \$13M, a net present value of \$11M, and a Return on Investment of 100+ years (Attachment 2). The COBRA Analysis, Functional Assessment and AF Installation Tiering all indicate this alternative would not be beneficial. Therefore, it was not pursued further.
- The fourth, and last, alternative involved the relocation of Rome Laboratory, Rome NY to a combination of Ft. Monmouth and Hanscom AFB. A COBRA analysis was performed for the scenario recommended by the AF as part of its BRAC '95 submission. The results were: a one-time cost of \$53M, a net present value of (\$98M), and a return on investment of 4 years (Attachment 3). With the favorable COBRA analysis and functional assessment, the AF is considering the relocation of Rome Lab, Rome, NY to a combination of Ft. Monmouth and Hanscom AFB.

We must also keep in mind the disruption to ongoing activities as we evaluate various alternatives. In some cases (e.g., large organizations over 1000 personnel) the disruptions would be

significant and the cost in program turbulence and lost time would likewise be very dramatic (some of our organization's obligations average over \$500 Million per month). A few months disruption to these activities could well wipe out any apparent savings due to the activity's relocation. While not an explicit consideration in the COBRA model, the cost of such turbulence will eventually be borne by the investment accounts and hence should be considered in the decision process.



MATT MLEZIVA
AF Lab Team Chief

Attachments: a/s

Department : Air Force
 Option Package : Hnscm to Mnth/Kir
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\HNSMCLS.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

Starting Year : 1996
 Final Year : 2001
 ROI Year : 2012 (11 Years)

NPV in 2015(\$K): -107,061
 1-Time Cost(\$K): 440,901

Net Costs (\$K) Constant Dollars								
	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	49,867	28,487	37,982	52,226	26,113	37,982	232,657	0
Person	-273	-662	-882	965	2,527	-11,112	-9,438	-30,830
Overhd	2,433	2,616	1,171	3	-3,339	-15,044	-12,159	-22,607
Moving	3,118	6,257	15,708	18,872	15,708	6,085	65,749	0
Missio	0	0	0	0	0	5,405	5,405	5,405
Other	5,781	11,568	28,926	34,711	28,926	6,238	116,152	0
TOTAL	60,926	48,267	82,906	106,777	69,936	29,555	398,366	-48,033
	1996	1997	1998	1999	2000	2001	Total	
	----	----	----	----	----	----	-----	-----
POSITIONS ELIMINATED								
Off	0	0	0	0	0	64	64	
Enl	0	0	0	0	0	402	402	
Civ	0	0	0	0	0	272	272	
TOT	0	0	0	0	0	738	738	
POSITIONS REALIGNED								
Off	35	72	183	220	183	42	735	
Enl	22	46	118	141	118	30	475	
Stu	0	0	0	0	0	0	0	
Civ	85	172	432	518	432	94	1,733	
TOT	142	290	733	879	733	166	2,943	

Summary:

SDC-07: Close Hanscom. Move ESC/RL to Ft Monmouth, PL to Kirtland
 Distance to Ft Monmouth is to Newark - 50 miles
 FFRDC/ESC moving costs taken from AFMC 21 data
 Screen 4 data is from Army response
 MILCON numbers inflated from Army response (Note -- iote no MFH)
 No geophysics reduction assumed
 FFRDC contract termination costs taken using same methodology as with LA
 Assume Air Force continues to support MIT Lincoln Lab

Attachment 1

Department : Air Force
 Option Package : Hnscm/RL to Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\SDC09.CBR
 Mod Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SIF

Starting Year : 1996
 Final Year : 2000
 ROI Year : 100+ Years

NPV in 2015(\$K): 11,171
 1-Time Cost(\$K): 13,581

Net Costs (\$K) Constant Dollars	1996 1997 1998 1999 2000 2001						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	2,031	1,060	1,413	1,943	971	1,413	8,830	0
Person	-29	-29	-29	110	161	-95	89	-95
Overhd	102	79	18	215	362	47	824	-38
Moving	19	0	0	1,282	1,990	0	3,291	0
Missio	0	0	0	0	0	0	0	0
Other	2	0	0	233	354	0	590	0
TOTAL	2,126	1,110	1,401	3,783	3,839	1,365	13,625	-133

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	0	5	8	0	13
Enl	8	0	0	4	7	0	19
Stu	0	0	0	0	0	0	0
Civ	0	0	0	51	79	0	130
TOT	8	0	0	60	94	0	162

Summary:

 SDC-09: Move ESC/RL to Ft Monmouth. ESC and PL stay in place.
 Distance to Ft Monmouth is to Newark + 50 miles
 No consolidation savings from move.
 Screen 4 data is from Army response
 MILCON numbers inflated from Army response (Note --Note no MFH)
 No geophysics reduction assumed
 No FFRDC contract termination costs

Attachment 2

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM4.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

Starting Year : 1996
 Final Year : 1999
 ROI Year : 2003 (4 Years)

NPV in 2015(\$K): -98,364
 1-Time Cost(\$K): 52,806

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	4,370	5,462	5,462	6,555	0	0	21,850	0
Person	0	-664	-1,790	-515	-2,296	-2,296	-7,561	-2,296
Overhd	378	-591	-2,978	-4,397	-9,213	-9,213	-26,015	-9,213
Moving	0	4,050	4,847	15,924	0	0	24,821	0
Missio	0	0	0	0	0	0	0	0
Other	0	343	398	1,307	0	0	2,049	0
TOTAL	4,748	8,602	5,938	18,873	-11,509	-11,509	15,143	-11,509

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	50	0	0	0	0	50
TOT	0	50	0	0	0	0	50

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	2	8	0	0	10
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	130	173	570	0	0	873
TOT	0	130	175	578	0	0	883

Summary:

 Closure of Rome Lab in four years and move C3 and Electro/Re: directorate to Ft Monmouth. Other directorates to Hanscom (plus some puts and takes).
 Option 4 (was option 4.2)
 Screen 4 data is from Army response
 Use inflated Army MILCON numbers (from AF/CEP)
 Other assumptions similar to AF run (consolidation savings on Hanscom move)
 Army upgrade numbers modified as appropriate.
 No savings taken due to force structure reduction at Hanscom (geophysics)

Document Separator

CORRESPONDENCE LOG

9/26/95

ID	ECTS#	LTRTO	SUBJECT	OPR	SUSPENSE	DATE REC'D	ECTS
0							
1	950214-1	GEN. BLUME	REQUEST BASE FACT SHEETS	AFTEAM	N/A	950315	R1
2	950214-2	-----	FILED-----	-----	-----	-----	-----
3	950216-4	GEN. BLUME	REQ. AF- DOD RECOMMENDATIONS	FRANK/RICK	N/A	950228	R1
4	-----	-----	-----	-----	-----	-----	-----
5	950215-1	CHAIRMAN	CONCRN-PLATTS.	CHIP/RICK	N/A		R1
6	950227-1	D. LYLES	CONCRN-SCOTT	CC/RICK	N/A		
7	950227-3	CHAIRMAN	CONCRN-SCOTT	CC/RICK	N/A		
8	950306-1	GEN. BLUME	REQ. SITE SURVEYS	FRANK/RICK	950501	950511	R1
9	950303-7	CECE/FC	CONCRN-GRIFFISS	CC/FRANK	N/A		R1,2
10	950303-8	CECE/RD	CONCRN-MALMSTROM	CC/RICK	N/A		R1
11	950303-4	CECE/FC	SUPPRT-KIRTLAND	CC/FXC	LTR/930307		R1
12	950307-2	GEN. BLUME	REQ.- MEET W/ BCWG-SUBMIT Q'S	FRANK/RICK	NONE	950310	R1
13	950306-1	CHAIRMAN	CONCRN-MALMSTROM	CC/RICK	N/A		R1
14	950306-1	CHAIRMAN	CONCRN-REESE	CC/MERRILL	N/A		R1
15	950307-1	CHAIRMAN	SUPPRT-MALMSTROM	CC/RICK	N/A		
16	950309-8	SECAF	TKU, REQ. Q'S RCRD	AFTEAM	RES/950324		R1
17	950308-1	GOTBAUM	TKU, REQ. Q'S.RCRD	X-SVC	RES/950315		
18	950307-2	SECDEF	TKU, REQ. Q'S.RCRD	AFTEAM	RES/950315	950419	R1
19	950313-1	CHAIRMAN	REQ. REDIRECT PLATTSBURGH	CC/RICK	N/A		
20	950313-1	CHAIRMAN	REQ. REG.HRG. ALBQ	CC/FXC	N/A		R1
21	950313-7	CHAIRMAN	TKU, 301ST- PATRCK	CC/MERRILL	N/A		R1
22	950315-3	CHAIRMAN	CONCERN-PLATTS	CC/RICK	N/A		R1,2,3
23	950315-4	GENERAL	CONCERN-KIRT.	CC/FXC	N/A		R1
24	950307-6	SECAF	NY-BOEHLRT-Q'S-HRG	CC	RES/Q'S 030		R1
25	950315-7	CHAIRMAN	CONCERN-REESE	CC/MERRILL	LTR/950317		R1
26	950315-2	CHAIRMAN	CONCERN-REDCAP	CREEDN/STEVE	LTR/950317		
27	950309-3	CHAIRMAN	CONCERN-KIRT.	CC/FXC	LTR/950317		R1
28	950316-4	CHAIRMAN	CONCERN-KIRT.	CC/FXC	LTR/950320		
29	950321-3	GEN. BLUME	ANALYSIS-X SVC.	DAVE LEWIS	950407	950411	
30	950316-2	CHAIRMAN	CONCERN-PLATTSBURGH	CC/RICK	LTR/950323	950322/3	R1
31	950320-3	ANN REESE	RESP. 03/18 FAX QUES	AREESE	NONE	950320/24/28	R1
32	-----	-----	-----	-----	-----	-----	-----
33	950322-2	GEN. BLUME	REQ. COMMNTS-REESE WHITE PAPER	FRANK/MERILL	950410	950411	
34	950321-1	CECE	CONCERN-KIRTLAND	CC/FXC	LTR/-----		
35	950322-4	CHAIRMAN	CONCERN-DYESS	CC/FXC	LTR/950324		R1
36	950321-7	CHAIRMAN	CONCERN-LAAFB	CC/FXC	LTR/950323		R1
37	950323-6	GEN. BLUME	REQ. AFMC 21/TRC STUDY	AREESE	950331	0331(INC)/041	R1
38	950323-2	GEN. BLUME	REQ. ENVIR STUDIES ON 5 ALC's	DNURRE	950403	950407	

CORRESPONDENCE LOG

9/26/95

ID	ECTS#	LTRTO	SUBJECT	OPR	SUSPENSE	DATE REC'D	ECTS
39	950323-2	GEN. BLUME	REQ. COBRA-GRAND FORKS	BOB BIVINS	950415	950414	R1
40	950327-1	GEN. BLUME	REQ. RESP. JCSG T/E CORE ALTS.	L. FARNGTON	950415	*	
41	950327-1	LTC KRING (RT	REQ. WHY BUCKLEY ANG-NO CLOSURE	CRAIG	950410	950412	
42	950327-1	GEN. BLUME	REQ. EVAL-FT.MCCLELLAN DISASTER SCHOOL	JJ GERTLER	950407	950404	R1
43	950324-1	SEC. DEUTCH	REQ. REVIEW OF ISSUES 321ST MISSILE GRP.-GFORKS	DAVE OLSON	950424		
44	950327-1	CHAIRMAN	CONCERN-REESE	CC/MERRILL	LTR/950329		R1
45	950329-8	CHAIRMAN	CONCERN-REESE	CC/MERRILL	950331		
46	950403-9	GEN. BLUME	REQ. ANDERSEN AFB MISSION STMT.	E. LINDENBM	N/A	950404	R1
47	950403-2	GEN. BLUME	REQ. RES. TO Q'S WHY SPR-BCKLY CLOSE	CRAIG	950414	950415	R1
48	950403-1	GEN. BLUME	REQ. Q'S ALC'S REVISD WORKLDS/BASELNE	X SVC/AFTEAM	950403	950405/9504	R1
49	950403-7	M. BEYER	SUPPORT-LAUGHLIN	MERRILL	950410		
50	950404-3	CHAIRMAN	CONCERN-MALMSTROM	CC/RICK	950406		
51	950328-4	CHAIRMAN	CNCRN/REQ ENV-PLATTS	CC/RICK	950330		
52	950404-1	CHAIRMAN	1993 DECISION-NEWARK	CC/FXC	950406		
53	950414-1	GEN. BLUME	REQ. EID CLARIFICATION	DAVE HENRY	950411	950413	R1
54	950405-6	MS. CHESTON	AF-GC/REQ. LGL RULING REDCAP	M. CREEDON	950420		
55	950404-1	CHAIRMAN	1993 DECISION-HOMESTED	CC/MERRILL	N/A		
56	950404-1	CHAIRMAN	RECD Q'S RE: PLATTS	CC/RICK	N/A		
57	950405-1	CHAIRMAN	MCGUIRE REAC TO PLATTS	CC/RICK	N/A		
58	950405-4	CHAIRMAN	INFO LOCATE ON 93 PLATS	CC/RICK	N/A	950414	R1
59	950405-1	CHAIRMAN	CONCRN/SPRNGFLD-WRPT	CC/CRAIG	N/A	950413	R1
60	950406-5	CHAIRMAN	CONCERN-HOMESTEAD	CC/MB	N/A		
61	950406-6	GEN. BLUME	REQ. COBRA-FF WARREN VAR. OPTIONS	BBIVINS	950426	CNCLD/REPL	N/A
62	950407-1	GEN. BLUME	REQ. COMMENTS NEWARK AFB, OH	AFTEAM/FXC	950420	950515	R1
63	950407-1	GEN. BLUME	REQ. CLARIFY REVISED COBRA MALMSTRM	BOB BIVINS	NONE	950421	R1
64	950407-4	CHAIRMAN	SEN.HRG. KIRTLAND INFO	CC/FXC	N/A		
65	950407-5	CHAIRMAN	KIRTLAND-MILCON COST	CC/FXC	N/A		
66	950410-4	GEN. BLUME	REQ. COMNTS REDIRECT PLATS/MCGURE	AFTEAM/RICK	950420	950421	R1
67	950410-5	GEN. BLUME	REQ. REVIEW COBRA GRIFFISS REDIRECT	BOB BIVINS	950501	950502	R1
68	950410-6	GEN. BLUME	REQ. COMNTS-COMMUNITY INPUT/EGLIN,REDCAP	AF/RICK/STEVE	950430	950501	R1
69	950410-1	M. BEYER	Q'S FOR COMMENT-REESE	CC/MERRILL	N/A		
70	950410-2	GEN. BLUME	REQ. COMNTS Q'S CLOSURE-SPRGBECKLY	AFTEAM/CRAIG	950424	*	
71	950410-2	GEN. BLUME	REQ. COBRA CANTONMENT BROOKS MSN	BOB BIVINS	950501	950526	R1
72	950410-1	C.GOOD	PROVIDING GFORKS INFO	CC/AFTEAM	N/A		
73	950411-1	CHAIRMAN	CONCERN-VANCE AFB/UPT	AFT/MERRILL	N/A		
74	950411-1	COMM COX	SUGGESTED ALTERNATIVE-MALMSTROM	AFTEAM/RICK	N/A		
75	950412-1	GEN. BLUME	REQ. COBRA RUN-ROME TO HANSCOM/FT MONMOUTH	BOB BIVINS	950428	950427	R1
76	950412-1	GEN. BLUME	GRIFFISS/TINKER PERSONNEL MOVE	AFTEAM/FXC	950515	950515/16	R1
77	950412-1	GEN. BLUME	REQ. SITE SURVEYS KIRTLAND	AFTEAM/FXC	950508	950505	

CORRESPONDENCE LOG

9/26/95

ID	ECTS#	LTRTO	SUBJECT	OPR	SUSPENSE	DATE REC'D	ECTS
78	950412-1	GEN. BLUME	REQ. DATA CALL INFO-INSTALLATION CRITERIA	AFT/MERRILL	NONE	950417	R1
79	950412-1	GEN. BLUME	REQ. COBRA CLOSE/REALIGN MINOT	AFTAM/FXC	950505	950506	R1
80	950411-1	GEN. BLUME	REQ. COMNTS-AIROLTY ANALYSES/COBRA SCENARIO	BOB BIVINS	950424	950425	R1
81	950413-3	GEN. BLUME	REQ. COBRA COMNTS/GR. PITTS INFO (AFRES STATIONS)	BOB BIVINS	950428	950504	R1
82	950404-2	GEN. BLUME	REQ. COMNTS-COBRA BROOKS FAMILY HOUSING	BOB BIVINS	950412	950415/0614	R1,2
83	950412-4	CHAIRMAN	CONCERN-HANDLING REUSE ISSUES-HOMESTEAD	CC/MERRILL	N/A		
84	950414-1	GEN. BLUME	REQ. COMNTS-COMMUNITY SUGG. ALT. BERGSTROM	AFT/MERRILL	950428	950428	R1
85	950414-2	GEN. BLUME	REQ. COBRA RUN-AFRES O'HARE IAP	AFTAM/RICK	NONE	*	
86	950414-1	GEN. DOWNIN	REQ. COMNTS-REALIGN KIRTLAND 58TH SOW	AFTAM/FXC	950508	950508	R1
87	950417-8	SEC O'LEARY	REQ. COMNTS-KIRTLAND REALIGN-BASE ACTIVITIES	AFTAM/FXC	NONE		
88	950417-1	J.BROWN-VET	REQ. COMNTS-KIRTLAND REALIGN-BASE ACTIVITIES	AFTAM/FXC	NONE		
89	950417-1	GEN. BLUME	REQ. BCEG TIERING BALLOT TALLY SHEETS	AFT/FRANK	950425	950420	R1
90	950417-1	GEN. BLUME	REQ. COMNTS-CAPITAL IMPROVE FUND-HANSCOM	DICK HELMER	NONE	950420	R1
91	950417-1	GEN. BLUME	REQ. BRIEFING ON ROME LABORATORY FUNCTIONS	DICK HELMER	N/A	950421	R1
92	950414-1	CHAIRMAN	CONCERN-PROPOSED CLOSURE OF SPRINGFLD ANG	CC/CRAIG	N/A		
93	950418-1	CHAIRMAN	DOE CONCERN-KIRTLAND REALIGN ACTION	CC/FXC	N/A		
94	950418-1	GEN. BLUME	REQ. COMNTS-MARCH REALIGN-AFRES HOST ISSUES	AFTAM/RICK	950502	950501	R1
95	950419-2	GEN. BLUME	REQ. CLASSIFIED BRIEFING ON HSC-BROOKS AFB	L. FARNGTN	N/A	950421	R1
96	950420-2	GEN. BLUME	REQ. COMMUNTY RESP. TO RT REPLY BROOKS COBRA	L. FARNGTN	NONE	950504	R1
97	950420-3	GEN. BLUME	REQ. COBRA RUN-ALTS. HOMESTEAD UNITS	BOB BIVINS	950505	950505	R1
98	950420-4	GEN. BLUME	REQ. COBRA RUN-ALTS. 301ST NAS FT. WRTH-CARSWEL	BOB BIVINS	950505	950505	R1
99	950420-5	GEN. BLUME	REQ. COMNTS-CLOSE BERGSTROM ARB	BOB BIVINS	950505	950505	R1
100	950419-2	CHAIRMAN	RESPONSE-COMM. O'S. APR17HRG IPT-HELICOPTER	CC/MERRILL	950422		
101	950424-5	GEN. BLUME	REQ. COBRA RUN-ALTS. HANSCOM BASED ON JCSCG	BOB BIVINS	950501	950424	R1
102	950424-1	GEN. BLUME	REQ. COBRA RUN-REALIGN LACKLAND TO CLINIC	BOB BIVINS	950505	950505	R1
103	950424-4	W. STEELE	CONCERN PLATTSBURGH REDIRECT ACTION	CC/RICK	950426		
104	INTERNAL	F.A. CIRILLO	RES. TO O'S REGARDING JCSCG-UPT	AFT/MERRILL	NONE		
105	950426-2	GENERAL	COPY RESOLUTION-RELOCATE 301st TO HOMESTEAD	CC/MERRILL	950503		
106	950425-1	CHAIRMAN	CONCERN ON PLATTS CLOSURE-REVIEW OF MCGUIRE	CC/RICK	950502		
107	950426-1	GEN. BLUME	KIRTLAND COMMUNITY INFO RE: KIRTLAND ACTION	AFTAM/FXC	950515	950517	R1
108	950427-2	GEN. BLUME	REQ. COBRA RUN-NEW ASSUMPTIONS FE WARREN	AFTAM/DAVE	950502	950428	
109	950426-2	GEN. BLUME	REQ. COMNTS-MCGUIRE TO PLATTS-QUES. 10	AFTAM/RICK	950506	950504	R1
110	950427-1	J. ROBLES	TKU DALLAS REG.-REQ. DBCRC CONSIDER COST/SAV-EFF.	CC/MERRILL	950501		
111	950427-1	CHAIRMAN	CONCERN-TO RETURN THE 301ST TO HOMESTEAD ARB	CC/MERRILL	950426		
112	950428-4	CHAIRMAN	CONCERN-REASONS TO RETAIN 301ST AT PATRICK	CC/MERRILL	950505		
113	950512-1	F.A. CIRILLO	RESPONSE-CONFIRMATION AIRSPACE MCGUIRE/PLATTS	FAA/E. FLIPPEN	N/A		
114	950428-1	CHAIRMAN	CONCERN-WV ECONOMIC IMPACT-CLOSURE GR. PITTS IAP	CC/RICK	950502		
115	950417-7	GEN. HAGEMA	REQ. COMMENTS ON KIRTLAND REALIGNMENT RECOMND	AFT/FXC	NONE		
116	950501-1	GEN. BLUME	REQ. COBRA FOR LA AFB, BASED ON BCEG MINUTES 12/15	BOB BIVINS	NONE-ASAP	950502	R1

CORRESPONDENCE LOG

9/26/95

ID	ECTS#	LTRTO	SUBJECT	OPR	SUSPENSE	DATE REC'D	ECTS
117	950428-1	CHAIRMAN	AFASSOC REPORT SUPPORTING RTN 301ST-HOMESTEAD	CC/MERRILL	950505		
118	950428-2	J.B. DAVIS	REQ. DBCRC REDIR. USMC-HELICPTR-TUSTIN TO MARCH	CC/MERRILL	950505		
119	950427-7	F.A. CIRILLO	CHAMPUS COST INFO.-KIRTLAND -FROM NM GOVERNOR	CC/FXC	950501		
120	950504-3	GEN. BLUME	REQ. FOLLOW-UP RESPONSE ON BROOKS AFB COBRA	BOB BIVINS	950515	950526	R1
121	950504-4	GEN. BLUME	REQ. ALT. COBRA ON WILLIAMS-MESA REDIRECT	BOB BIVINS	950519	950518	R1
122	PENDING	GEN. KLUGH	REQ. COMMENTS ON PROJECTED CONC. OF OPERATIONS	AFTEAM/FXC	950529		
123	950502-2	GEN. BLUME	REQ. ACFT. INFORMATION (RAPCON) MCGUIRE/PLATTS	AFT/RICK	950508	950505	R1
124	950502-4	CHAIRMAN	FORWARDING LTR FR MAYOR RABIDEAU OF PLATTS	CC/RICK	N/A		
125	950501-4	CHAIRMAN	REQ. TANKER BE PLACED AT DOVER AFB TO SUPP C-5	CC/RICK	N/A		
126	950501-1	CHAIRMAN	LTR SUPPORT BERGSTROM, INCL 1993 CITIZEN INFO LTR	CC/MERRILL	N/A		
127	950504-2	CHAIRMAN	BAUCUS' OFC STATING 'DIR OF FORCES STUDY GR.FORKS	CC/RICK	N/A		
128	950503-1	CHAIRMAN	BACKES' MINOT MYR LTR FWDING LGL OPINION RE:ABM	CC/DAVE	N/A		
129	950508-1	CHAIRMAN	REQ. DBCRC: ADD ONE OR MORE AFUPT BASES TO LIST	CC/MERRILL	N/A		
130	950508-4	CHAIRMAN	REQ. DBCRC: ADD MALMSTROM/FEWARREN TO LIST	CC/DAVE	N/A		
131	950508-9	CHAIRMAN	REQ. DBCRC: CONSIDER AFRES ISSUES (DEMOGRAPHICS)	CC/RICK	N/A		
132	950508-1	CHAIRMAN	NEW COPY OF COST ESTIMATES RE: KIRTLAND	CC/FXC	N/A		
133	950508-1	R. COX	INFO.: SUPPORT TRANSFER OF HELICPTR UNITS-MARCH	CC/RICK	N/A		
134	950512-1	GEN. BLUME	REQ. COMMENTS FROM COMMUNITY BRIEF-AFEWES	L. FARNGTN	950526	950526	R1
135	950501-1	CHAIRMAN	FORWARD LTR-AIR QUALITY NOT PROB.RE:EXPAND KIRTLND	CC/FXC	N/A		
136	950509-1	CHAIRMAN	REQ. DBCRC: ASKING NOT TO PUT VANCE ON ADD LIST	CC/MERRILL	N/A		
137	950509-3	CHAIRMAN	FORWARDING BRIEF SUPPORTING COLUMBUS AFB	CC/MARK	N/A		
138	950510-1	CHAIRMAN	NM WILL LEASE MESA LAND TRACT-FOR KIRT. EXPANSION	CC/FXC	N/A		
139	950511-5	CHAIRMAN	FORWARD COPY HOMESTD CTY COUNCIL DOC SUPP 301ST	CC/MERRILL	N/A		
140	950511-7	CHAIRMAN	LTR SUPPORT, 911TH AIRLIFT GR. PITTSBURGH	CC/RICK	N/A		
141	950511-1	CHAIRMAN	REQ. CLARIFICATION RE: ACTION ON CARSWELL AFB	CC/MERRILL	N/A		
142	950511-1	CHAIRMAN	FROM COL. MAYFIELD-REQ. ANALYSIS ON JCSG UPT DATA	AFT/MERRILL	N/A	950516	R1
143	950511-1	CHAIRMAN	LTR SUPPORT REDCAP-REP. JACK QUINN	CC/STEVE	N/A		
144	950514-8	CHAIRMAN	LTR SUPPORT NIAGARA FALLS ARS	CC/RICK	N/A		
145	950515-1	GENERAL	FWRDING DATA TO DISPUTE PREV DATA ON PITTS. AIRPRT	CC/RICK	N/A		
146	950504-1	MARK PROSS	FWRDING ANALYSIS DOD'S RECO TO REALIGN ONIZUKA	CC/MARK	N/A		
147	950516-4	GEN. BLUME	REQ. COBRA-CLOSE MINN/STPAUL, CLOSE MOFFETT	BOB BIVINS	950601	950530	R1
148	950516-5	GEN. BLUME	REQ. AF PREFERRED RECEIVER SITE LIST BASED ON ADDS	AFTEAM/MARK	950531	950518	R1
149	950518-8	GEN. BLUME	REQ. UPDATED LEVEL-PLAY COBRA'S FOR ALL 5 ALC'S	BOB BIVINS	950524	950526/0601	R1,2
150	950517-4	CHAIRMAN	REQ. DBCRC ASK AF-EARLIER RECEIPT-REALGN PLAN KIRT	CC/FXC	N/A		
151	950517-1	GEN. BLUME	REQ. COBRA-CLOSE GR FORKS/TANKERS TO SEYMOR-JON	BOB BIVINS	950526	950526	R1
152	950517-2	GEN. BLUME	REQ. COBRA-FIVE AFRES ADDS/SPREAD SHEETS	BOB BIVINS	950526	950526	R1
153	950505-1	CHAIRMAN	LTR SUPPORT KIRTLAND	CC/FXC	N/A		
154	950518-6	CHAIRMAN	LTR SUPPORT F.E. WARREN-CONCERN IT WILL BE ADDED	CC/DAVE	N/A		
155	950517-1	CHAIRMAN	COMMUNITY REBUTTAL TO BREVARD CTY-RE: 301ST	CC/MERRILL	N/A		

CORRESPONDENCE LOG

9/26/95

ID	ECTS#	LTRTO	SUBJECT	OPR	SUSPENSE	DATE REC'D	ECTS
156	950518-1	CHAIRMAN	LTR STATING DOD UNDERESTIMTD MOVING ANG TO WP	CC/CRAIG	N/A		
157	950519-3	CHAIRMAN	REQ. DBCRC ATTEND SITE VST/REG. HRG-JRB FT. WORTH	CC/MERRILL/MP	N/A		
158	950522-9	CHAIRMAN	REQ. DBCRC CONSIDER RELOCATE KC-135/C-130 TO DYESS	CC/RICK	N/A		
159	950522-1	CHAIRMAN	LTR SUPPORT NIAGARA FALLS ARS	CC/RICK	N/A		
160	950524-1	GEN. BLUME	REQ. COMMENTS ON "95 CFA RATINGS MATRX..."	AFTEAM/RICK	950605	950606	R1
161	950523-6	CHAIRMAN	LTR SUPPORT NIAGARA FALLS ARS	CC/RICK	N/A		
162	950525-5	CHAIRMAN	LTR SUPPORT REALIGNMENT OF 58TH KIRT	CC/FXC	N/A		
163	950525-2	CHAIRMAN	LTR SUPPORT YOUNGSTOWN-WRN ARS	CC/CRAIG	N/A		
164	950526-7	CHAIRMAN	LTR CONCERN 910 AIRLFT WNG ON LIST-YWRN	CC/CRAIG	N/A		
165	950526-8	CHAIRMAN	LTR PLS TAKE 910TH OFF LIST YOUNGSTWN	CC/CRAIG	N/A		
166	950526-1	GEN. BLUME	REQ. COBRA (SITE SVY CHANGES) ROME	BOB BIVINS	950601	950601	R1
167	950526-1	GEN. BLUME	REQ. COBRA-5 ALC'S UPDATED-CLOSURE 2 DEPOTS	BOB BIVINS	950610	950609	R1
168	950530-3	GEN. BLUME	REQ. RESPONSES TO LISTED Q'S-YNGSTWN-16 C130'S	AFTEAM/RICK	950607	950608	R1
169	950526-2	CHAIRMAN	LTR CONCERN-UPT ANALYSIS (REESE/VANCE)	CC/MERRILL	N/A		
170	950526-9	CHAIRMAN	LTR SUPPORT-GEN MITCHELL ARS	CC/RICK	N/A		
171	950601-1	GEN. BLUME	REQ. COBRA'S-LEVEL PLAY(COLUMBUS,LAUGHLIN,VANCE)	AFT/MERRILL	950612	950613	R1
172	950601-2	CHAIRMAN	LTR STATING 1001ST SPACE SUPPORT BE CLOSED	AFTEAM/MARK	N/A		
173	950605-5	GEN. BLUME	REQ. COMMNTS RE: COMBEST INFO-UPT CAPACITY ISSUES	AFT/MERRILL	950614	950605	R1
174	950607-8	GEN. BLUME	REQ. CLASSIFIED BRIEFING ON REDCAP	AFT/MERRILL	N/A	950609	R1
175	950606-1	GEN. BLUME	REQ. COMMENTS-ATTCHD ITEMS-LOWRY/ONIZUKA	AFTEAM/MARK	950612	950616	R1
176	950609-2	GEN. BLUME	REQ. COMMENTS-LTRKENNY ACTION ON HILL AFB	XSVC/GLEN	950614	*	
177	950609-7	GEN. BLUME	REQ. ADDL. BACKUP INFO-BROOKS SITE SURVEY	XSVC/HELMER	950615	950616	R1
178	950609-1	GEN. BLUME	REQ. COMMENTS-LTRS ON REDCAP/COMMUNITY COBRA	AFTEAM/STEVE	950616	950616	R1
179	950608-8	GEN. BLUME	REQ. COMMENTS-DBCRC Q'S RE: \$20M PROCEEDS FM PROP	AFTEAM/CRAIG	950616	950620	R1
180	950612-1	GEN. BLUME	REQ. COMMENTS-SUMTER COMMUNITY, ICBM, LOWRY Q'S	AFTEAM	950616	950616	R1
181	950612-3	GEN. BLUME	REQ. FURTHER DETAILS ON SECAF OHARE V. GR PITT ALT	AFTEAM/RICK	950616		
182	950614-2	GEN. BLUME	REQ. ANSWERS TO Q'S BASED ON JUN14 DOD HEARING	AFTEAM	950616	950616	R1,2
183	950615-2	GEN. BLUME	REQ. ANSWER-SUNSET CLAUSE Q'S-JUN14 DOD HEARING	AFTEAM	950621		

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 13, 1995

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

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

84
Please refer to this number
when responding 950414-1

Dear General Blume:

During our recent visit to Bergstrom ARB, the Austin community provided the enclosed memorandum. In it they call to question some of the items in the Bergstrom base questionnaire and the resulting evaluations. The memo also presents an alternative closure/realignment recommendation that they contend has greater military and net present value.

Request you provide us your response to the Austin community memo by April ²⁸~~24~~, 1995.

If your staff has any questions about this request, contact Lt Col Merrill Beyer (USAF) or Steve Ackerman of the Commission staff.

I look forward to working with you in the weeks ahead.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

Enclosure



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

28 APR 1995

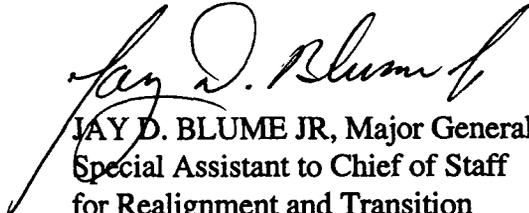
84
950414-1

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr Frank Cirillo)

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

SUBJECT: Response to Austin Community Paper on Bergstrom Air Reserve Base

Attached is the Air Force response to the Austin Community Paper on Bergstrom Air Reserve Base per your 13 April request.


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

Attachment:
Air Force Response

95418

The following addresses specific grades brought into question by the Austin Community concerning Bergstrom ARS and responds to Defense Base Closure and Realignment Commission tasking number 950414-1. Each specific grade called into question by the community will be referred to by criteria number/page number and followed by the appropriate Air Force Response.

I. Airfield Capabilities

Criteria I.1.C.2, Page I-2:

Air Force Analysis - Red
Community Analysis - Green

Air Force Response - The grade of Red for Runway/Taxiway for bomber missions is correct. The actual goal posts used to evaluate this area were approved by the Base Closure Executive Group (attached). A typographical error in the Air Force Report incorrectly stated the apron requirements in square feet, rather than square yards. The actual value used to compute Bergstrom's Apron Grade was 104,553 square yards (II.1.B.1.c), which was significantly less than the required 278,400 square yards required for a Green grade.

Criteria I.1.C.3, Page I-2:

Air Force Analysis - Red
Community Analysis - Green

Air Force Response - The grade of Red for Runway/Taxiway for tanker missions is correct. The actual goal posts used to evaluate this area were approved by the Base Closure Executive Group (attached). A typographical error in the Air Force Report incorrectly stated the apron requirements in square feet, rather than square yards. The actual value used to compute Bergstrom's Apron Grade was 104,553 square yards (II.1.B.1.c), which was significantly less than the required 283,200 square yards required for a Green grade.

Criteria I.1.C.4, Page I-3:

Air Force Analysis - Red
Community Analysis - Green

Air Force Response - The grade of Red for Runway/Taxiway for airlift missions is correct. The actual goal posts used to evaluate this area were approved by the Base Closure Executive Group (attached). A typographical error in the Air Force Report incorrectly stated the apron requirements in square feet, rather than square yards. The actual value used to compute Bergstrom's Apron Grade was 104,553 square yards (II.1.B.1.c), which was significantly less than the required 433,104 square yards required for a Green grade.

II. Operational Effectiveness

The community states that the rationale for subelements of Base Operating Support are unclear. The interactive computerized base questionnaire, question IX.16, asked if there were any other government agencies on the base. If the response was no, as is Bergstrom's case, then all services are provided by the host. For installations where the answer was yes, detailed questions followed for each support component.

Criteria I.1.D.1, Page I-4:

Air Force Analysis - Yellow

Community Analysis - Green

Air Force Response - All Air Force questionnaire responses were based on current information at the time of questionnaire completion, which in the case of this BRAC round, was the Summer of 1994. Projected force structure changes such as the move of the Texas National Guard Aviation Department in 1998 were not, and should not have been considered for the purposes of this round.

Criteria I.1.D.1.a, Page I-4:

Air Force Analysis - Yellow

Community Analysis - Current Status Yellow, Future Green

Air Force Response - All Air Force questionnaire responses were based on current information at the time of questionnaire completion, which in the case of this BRAC round, was the Summer of 1994. Projected force structure changes such as the move of the Texas National Guard Aviation Department in 1998 were not, and should not have been considered for the purposes of this round.

Criteria I.1.D.1.d, Page I-5:

Air Force Analysis - Yellow

Community Analysis - Green

Air Force Response - All Air Force questionnaire responses were based on current information at the time of questionnaire completion, which in the case of this BRAC round, was the Summer of 1994. The projected airfield operation change to management of the airfield and the ATCALs contract by the City of Austin in FY 96 was not considered for the purposes of this round.

Criteria I.1.D.1.e, Page I-5:

Air Force Analysis - Yellow

Community Analysis - Current Status Yellow, Future Green

Air Force Response - All Air Force questionnaire responses were based on current information at the time of questionnaire completion, which in the case of this BRAC round, was the Summer of 1994. Projected force structure changes

such as the move of the Texas National Guard Aviation Department in 1998 were not, and should not have been considered for the purposes of this round.

III. Training Effectiveness, Part I, Mission Requirements

Criteria I.1.D.2.a.1, Page I-7:

Air Force Analysis - Red +
Community Analysis - Green

Air Force Response - All Military Operating Areas, Warning Areas, Ranges, and Restricted Airspace used for training were obtained from an Air Staff certified data base. Distances to the areas were measured from the base to the centroid of the area in question, not the nearest edge, for standardization/use purposes. In this particular case, the distance to the center of the area is 209NM, instead of 140NM as provided by the community.

Criteria I.1.D.2.a.2, Page I-7:

Air Force Analysis - Red +
Community Analysis - Green

Air Force Response - All Military Operating Areas, Warning Areas, Ranges, and Restricted Airspace used for training were obtained from an Air Staff certified data base. Areas predominantly used for pilot training were not considered useable for air combat training. The Brady area, while useable, does not meet the basic criteria of an Air Combat MOA i.e supporting all air-to-air requirements.

Criteria I.1.D.2.a.4, Page I-8:

Air Force Analysis - Red
Community Analysis - Green

Air Force Response - All Military Operating Areas, Warning Areas, Ranges, and Restricted Airspace used for training were obtained from an Air Staff certified data base. Distances to the areas were measured from the specific Air Force base to the centroid of the area in question, not the nearest edge for standardization/use purposes. In this particular case, Shoal Creek range lacks conventional target and strafe capabilities, and the distance to the center of the other areas is 209NM, instead of 140NM as provided by the community.

Criteria I.1.D.2.a.5, Page I-8:

Air Force Analysis - Red
Community Analysis - Green

Air Force Response - All Military Operating Areas, Warning Areas, Ranges, and Restricted Airspace used for training were obtained from an Air Staff certified

data base. Fort Hood is not a recognized Air Force Electronic Combat Range, and is not listed in the U.S. Army data base as an EC Range for AF use.

Criteria I.1.D.2.a.8, Page I-9:

Air Force Analysis - Red

Community Analysis - Green

Air Force Response - All Military Operating Areas, Warning Areas, Ranges, and Restricted Airspace used for training was obtained from an Air Staff certified data base. Fort Hood is not a recognized Air Force Full Scale Weapons Drop Range.

Overall Comment: In order to effectively evaluate all bases equally, the Air Staff developed and certified a data base to capture all Military Operating Areas, Warning Areas, Ranges, and Restricted Airspace used for training. To qualify for the data base, the training area had to meet the minimum criteria established for the specific training item. In some cases, Air Force Reserve and Air National Guard units are able to use areas not specifically designed for the type training required. While this should be considered positive, the BRAC process was designed to identify those bases which best were able to support future force structure, to include those which were in close proximity to training areas meeting Air Force requirements. Again, Fort Hood was not listed in the Army data base as being available for Air Force use.

V. Associated Airspace

Criteria II.3.A.1, Page I-11:

Air Force Analysis - Red

Community Analysis - Green

Air Force Response - Applicable MOAs and Restricted Airspace were evaluated by the Air Force Reserve Functional Expert, using criteria developed in conjunction with the Base Closure Working Group member from Combat Forces. Professional judgment and reference to the following questions in the questionnaire were used to determine Direct Input grades: I.2.3.B.1, I.2.3.B.2, I.2.3.B.3, I.2.3.B.4, I.2.3.B.5, I.2.3.B.6, I.2.3.B.7, I.2.3.B.8, and I.2.3.B.9.

Criteria II.3.A.2, Page I-12:

Air Force Analysis - Red

Community Analysis - Green

Air Force Response - Applicable MOAs and Restricted Airspace were evaluated by the Air Force Reserve Functional Expert, using criteria developed in conjunction with the Base Closure Working Group member from Combat Forces. Professional judgment and reference to the following questions in the

questionnaire were used to determine Direct Input grades: I.2.3.B.1, I.2.3.B.2, I.2.3.B.3, I.2.3.B.4, I.2.3.B.5, I.2.3.B.6, I.2.3.B.7, I.2.3.B.8, and I.2.3.B.9.

VI Future Airspace

Criteria II.3.B.1, Page I-13:

Air Force Analysis - Red

Community Analysis - Green

Air Force Response - This was a direct input grade resulting from analysis of potential expansion of a base's associated airspace. For a base to be rated green, the functional expert required a current proposal for airspace expansion that had a high likelihood of approval. Past experience with airspace growth attempts indicates that even in sparse activity areas, airspace growth is difficult.

Criteria II.3.B.2, Page I-14:

Air Force Analysis - Red

Community Analysis - Green

Air Force Response - Again, this was a direct input grade resulting from analysis of potential expansion of a base's associated airspace. For a base to be rated green, the functional expert required a current proposal for airspace expansion that had a high likelihood of approval. Past experience with airspace growth attempts indicates that even in sparse activity areas, airspace growth is difficult.

IX. Air Quality

Criteria II.4.B., Page I-15:

Air Force Analysis - Yellow

Community Analysis - Green

Air Force Response - This question refers to a data call briefed to and approved by the Air Force Base Closure Executive Group to better quantify Air Quality Restrictions. The data call was sent to each base with instructions to complete each block in order to examine specific air quality restrictions. Weighting was assigned to each block depending on its importance. Once the data call was completed, the points in each block were totaled to determine the type and severity of each specific restriction. Bergstrom specifically exceeded the applicable goalposts for open burning, and regulations prohibiting open burning/open detonation. In addition, they answered yes when questioned whether they have continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements, and whether Bergstrom has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

XII. Community

Criteria VII, Page I-16:

Air Force Response - Recruiting figures were obtained from each unit as part of the Air Reserve Component data call and certified as accurate by Air Force Reserve Headquarters.

Cost Comparison

Air Force Response: It appears that the Bergstrom community has a misunderstanding of the COBRA model and the process of estimating criteria IV/V values.

The COBRA model is directed by OSD for all services to use on BRAC decisions. The model uses two types of data: standard factors, which are used for all AF bases; and base unique data, which is certified for accuracy by the appropriate major command. All three services, the GAO, and the AF Audit Agency have reviewed and validated the model and the process. While there is a certain degree of inaccuracy in the model, it is consistent and thus fairly compares costs and savings among alternatives.

The model includes all major factors which either drive costs or savings. One of the most important input areas is personnel. The cost of eliminating, moving, or other personnel actions is a large part of the costs and personnel elimination is the key factor in determining savings.

The summary of cost savings provided by the community is significantly flawed in two areas. First, COBRA includes all cost and savings elements, not just opportunity costs, when calculating NPV. Second, OSD guidance directs the use of a 2.75 discount rate.

Finally, the community called into question the \$34 million cost to close stated in the Air Force report. Specifically, the \$34 million cost to close noted in the report resulted from the Air Force Reserve's initial level playing field COBRA. In the focused COBRA, these figures reflected a one-time cost as reported to the Commission for Bergstrom of \$13.4 million with a one-time savings due to military construction avoidance of \$13 million. This results in an exceptionally low one-time net cost to close the base of \$345,000.

Alternative Proposal

Air Force Response: The decision to close Bergstrom Air Reserve Station was the culmination of extensive analysis by the Air Force Base Closure Executive Group. Carswell NAS ranked higher than Bergstrom in Criterion I, Mission (Flying) Requirements, and Criterion II, Facilities. Specifically, Carswell ranked higher than Bergstrom in both Airfield Capabilities, and Air Reserve Component (ARC) Operational

Effectiveness. In addition, Carswell is considered by the AFRES to be much better demographically for recruiting purposes, and ranks better than Bergstrom in Joint Training Opportunities, Training Opportunities (Airspace), and in the cost of bedding down an F-16 squadron.

In its attempt to downsize, the Air Force Reserve found it to be more beneficial from a fiscal standpoint to close Bergstrom. AFRES plans to draw down to four F-16 squadrons and consolidate and reduce its infrastructure and BOS costs. In the case of Bergstrom, the AFRES is totally responsible for the airfield and its operation, versus Carswell, where the costs can be shared jointly with the Navy and the Air National Guard. While the community's proposal did warrant consideration, it is the Air Force Reserve's opinion that closing Bergstrom, and maintaining an AFRES F-16 unit at Carswell is clearly the best option.



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 13, 1995

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

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

Please refer to this number
when responding 950414-1

Dear General Blume:

During our recent visit to Bergstrom ARB, the Austin community provided the enclosed memorandum. In it they call to question some of the items in the Bergstrom base questionnaire and the resulting evaluations. The memo also presents an alternative closure/realignment recommendation that they contend has greater military and net present value.

Request you provide us your response to the Austin community memo by April ²⁰~~24~~, 1995.

If your staff has any questions about this request, contact Lt Col Merrill Beyer (USAF) or Steve Ackerman of the Commission staff.

I look forward to working with you in the weeks ahead.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

Enclosure

Base Realignment and Closure Commission

Austin / Bergstrom Site Visit April 6, 1995

Background Memorandum - Facts and Analysis

"Bergstrom is the perfect example of base re-use this administration is looking for."
Sherri Goodman, Deputy Under Secretary of Defense, June 10, 1994

"At an Austin City Council meeting on February 21, 1992, I set out the situation as it then stood. Under the recommendations of the 1991 Commission, which were accepted by the President and the Congress, the 924th was to stay at Bergstrom if certain conditions were met."

Letter from James F. Boatright, Deputy Assistant Secretary of the Air Force in letter of May 27, 1993 to the BRACC

Operational Readiness and Mission Requirements

Appendix 7, Department of the Air Force Analysis and Recommendations ("AF Analysis") shows the overall evaluation for several AFRES installations for each of the eight Criteria used by the Air Force in their evaluation. Criteria I.1.A and I.1.B are excluded and appear to apply only to Active Duty installations. As shown below, according to the objective criteria specified in the AF Analysis, Bergstrom ARS is an outstanding location for any Air Force Reserve Mission.

Overall, Criteria I.1, Mission (Flying) Requirements

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Airfield Capabilities	Yellow -	Green
Base Operating Support	Yellow	Green -
Training Effectiveness	Yellow -	Green -
Overall Mission Requirements	Yellow -	Green -

Overall, Criteria II.3, Airspace Encroachment

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Existing Airspace Encroach	Red +	Green
Future Airspace Encroach	Red +	Green
Existing Local/Regional Airspace Encroachment	Yellow	Yellow
Future Local/Regional Airspace Encroachment	Yellow	Yellow
Overall Airspace Encroach	Red +	Green -

Overall, Criteria II, Facilities and Infrastructure

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Mission Support Facilities	Yellow -	Yellow -
Airspace Encroachment	Red +	Green -
Air Quality	Green -	Green
Billeting Requirements	Yellow	Yellow
Overall Facilities and Infrastructure	Yellow	Green -

Taxiway at least 75 ft wide,
Apron at least 283200 sq. ft,
Pavement strength supports bomber mission.
Red = Anything else

- (4) Bergstrom ARS Data:
- (a) Runway - 300 ft wide and 12250 ft long
 - (b) Taxiway - 75 ft wide stressed/150 ft wide total
 - (c) Apron - 88125 sq. yds/793125 sq. ft or 2.8 times requirement
 - (d) Pavement - will support tanker mission
 - (e) Source -
 - 924 SPTG/BCE
 - Flight Information Publication (Terminal)
 - 1995 Air Force Base Questionnaire

D. Criteria I.1.C.4, Runway/Taxiway for Airlift mission, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria: Green = Runway at least 150 ft wide and at least 8000 ft long,
Taxiway at least 75 ft wide,
Apron at least 433104 sq. ft,
Pavement strength supports airlift mission.
Red = Anything else
- (4) Bergstrom ARS Data:
 - (a) Runway - 300 ft wide and 12250 ft long,
 - (b) Taxiway - 75 ft wide stressed/150 ft wide total,
 - (c) Apron - 88125 sq. yds/793125 sq. ft or 1.83 times requirement,
 - (d) Pavement - will support airlift mission.
 - (e) Source -
 - 924 SPTG/BCE
 - Flight Information Publication (Terminal)
 - 1995 Air Force Base Questionnaire

E. Overall Revised Rating for Criteria I.1.C, Airfield Capabilities:

- (2) Correct Status - Yellow (Current)/Green (Future)
- (3) Criteria: Green Joint or Civil
 Yellow Tenant or Host
 Red Separate
- (4) Bergstrom ARS Data:
 - (a) Based on current conditions Yellow is correct but that will probably change when the National Guard (NG) relocates here in 1998. Since they use the same fuel (JP-8), it makes sense for them to utilize the AFRES fuel farm.
 - (b) Source -
 - 1995 Air Force Base Questionnaire
 - 924 SPTG/CC

C. Criteria I.1.D.1.b, Security, shows Bergstrom as Yellow which is correct.

D. Criteria I.1.D. 1 .c, Base Supply, shows Bergstrom as Yellow which is correct.

E. Criteria I.1.D.1.d, Tower/Air Traffic Control, shows:

- (1) AF Analysis Status - Yellow
- (2) Correct Status - **Green**
- (3) Criteria: Green Joint or Civil
 Yellow Tenant or Host
 Red Separate
- (4) Bergstrom ARS Data:
 - (a) Bergstrom currently manages the ATCALs contract with a civilian contractor for the airfield at a cost of \$31,000 per month. This will continue until the end of FY 96 when the Aviation Department, City of Austin will assume the operation of the airfield and the ATCALs contract.
 - (b) Source - 924 OSS/OSA

F. Criteria I.1.D.1.e, Base Civil Engineering, shows:

- (1) AF Analysis - Yellow
- (2) Correct Status - Yellow (Current)/Green (Future)
- (3) Criteria: Green Joint or Civil
 Yellow Tenant or Host
 Red Separate
- (4) Bergstrom ARS Data:
 - (a) Based on discussions that have already been held with the National Guard (NG) and the City of Austin,

A. Criteria I.1.D.2.a.1, Supersonic Air Combat MOAs, shows:

- (1) AF Analysis - Red +
- (2) Correct Status - Green
- (3) Criteria:
 - Green ≤ 150 NM
 - Yellow 150 NM and ≤ 200 NM
 - Red > 200 NM
 - Size: Minimum of 4200 sq. NM (nominal 75 X 56 NM)
- (4) Bergstrom ARS Data:
 - (a) W-228 is located 140 NM to the southeast of Bergstrom.
 - (b) Source - Jet Navigational Chart (JNC) 44
1995 Air Force Base Questionnaire

B. Criteria I.1.D.2.a.2, Other Air Combat MOAs, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria:
 - Green ≤ 100 NM
 - Yellow 100 NM and ≤ 150 NM
 - Red > 150 NM
 - Size: Minimum of 2100 sq. NM (nominal 47 X 45 NM) and 20,000 feet altitude block above 5000 feet AGL.
- (4) Bergstrom ARS Data:
 - Brownwood Area 96 nm north
 - Chase Area 70 nm south
 - Randolph Areas 70 nm south
 - Brady Area 50 nm northwest *
 - (a) Source -
 - Tactical Pilotage Chart (TPC) H-23B
 - 1995 Air Force Base Questionnaire
- (5) * Note: Although Brady MOA does not meet the stated criteria (size is 1125 sq. NM, nominal 45 X 25 NM), the 924 FW is able to fulfill approximately 75 % of its air-to-air training requirements, 75 % of its MAVERICK training requirements, and 10% of its air-to-ground training requirements in this MOA located 80 NM northeast of Bergstrom.

C. Criteria I.1.D.2.a.3, Low altitude MOAs, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green

- (b) The U.S. Army has a threat array located on the east side of the impact area that simulate numerous real world threats. They also have personnel assigned to maintain, deploy, and operate the threat system. The capability exists to operate against the threats and to employ ECM pods.
- (c) Source - TPC H-23B
U.S. Army

F. Criteria I.1.D.2.a.6, Ground Forces/Tactical Aircraft Employment, shows Bergstrom as Green and that is correct.

G. Criteria I.1.D.2.a.7, Air Combat Maneuvering Instrumentation Ranges, shows Bergstrom as Red and that is correct. The closest ACMI range is W-453, 460 NM east of Bergstrom.

- (1) Note: Although a lot of emphasis is placed on ACMI ranges, they are extremely costly to build, operate, maintain and technology has made them obsolete.

H. Criteria I.1.D.2.a.8, Full Scale Weapons Drop Ranges, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria:

Green \leq 200 NM
Yellow $>200\text{NM}$ and $\leq 250\text{NM}$
Red > 250 NM

- (4) Bergstrom ARS Data:

- (a) Ft Hood is 60 NM north of Bergstrom inside R-6302A and is a Full Scale Weapons Drop Range.
- (b) Source - TPC H-23B

I. Criteria I.1.D.2.a.9, Visual Routes/Instrument Routes (VIR/IR), shows Bergstrom as Green and that is correct.

J. Overall Revised Rating for Criteria I.1.D.2.a, ARC Fighter Training Areas:

<u>Mission</u>	<u>DOD Analysis</u>	<u>Correct Conclusion</u>
Fighter Training	Red +	Green -
Tanker Training	Green -	Green -
Airlift Training	Green	Green
Overall Training Effectiveness	Yellow -	Green -

IV. Mission Support Facilities

Criteria II.1, Mission Support Facilities, shows Bergstrom as overall Yellow -. Any further information needed on this criteria must come from AFRes.

V. Associated Airspace

Criteria II.3.A, Existing Associated Airspace, is further broken down into MOAs and Restricted Airspace, Bombing Ranges, and Low Level Routes. There are no specific corresponding questions in the 1995 Air Force Base Questionnaire. The analysis here appears to be a compilation of all the airspace, range, and low level data originally contained in the unit response to the Questionnaire and appears to be somewhat subjective.

A. Criteria II.3.A.1, MOAs and Restricted Airspace, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria:

Green - Civil and commercial aviation development generally compatible with existing Military Operating Areas and

Restricted Airspace.

Yellow - Civil and commercial aviation development impacts access to some (limited) MOAs.

Red - Civil and commercial aviation dominates the development of and access to MOAs or Restricted

<u>Existing Associated Airspace</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
MOAS and Restricted Airspace	Red	Green
Bombing Ranges	Red	Green
Low Level Routes	Green	Green
Overall Existing Airspace	Red +	Green

VI. Future Airspace

Criteria II.3.B, Future Associated Airspace, is further broken down into MOAs and Restricted Airspace, Bombing Ranges, and Low Level Routes. The same comments listed above for existing airspace also apply here.

A. Criteria II.3.B.1, MOAs and Restricted Airspace, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria:

Green Future civil and commercial aviation development generally expected to remain compatible with existing Military Operating Areas and Restricted Airspace

Yellow Future civil and commercial aviation development may impact access to some (limited) MOAs. Future development of MOAs and Restricted Airspace may be limited

Red Future civil and commercial aviation may dominate the area and access to MOAs may become severely limited. Future development Restricted Airspace incompatible.

(4) Bergstrom ARS Data:

- (a) No data is presented to substantiate this rating of Red. The FAA, Ft Worth Region and Houston Center over the last several years have publicized their Airspace 2000 plans and their future plans for the Austin Bergstrom International Airport. These plans indicate the 924 FW should have little conflict in meeting its future airspace needs and requirements. Houston Center at one time proposed a new MOA for the 924 FW due west of the base off the Junction TACAN that would be from surface to FL450 and have the capacity to support 100% of the unit's air-to-air requirements for airspace. Any changes to the Brownwood MOAs would have minimal impact on

VII. Existing Local/Regional Airspace Encroachment

Criteria II.3.C, Existing Local/Regional Airspace Encroachment, shows Bergstrom as Yellow and that is correct. This is based on Houston Intercontinental Airport located 120 NM southeast of Bergstrom. Austin is a low air traffic density area.

VIII. Future Airspace Encroachment

Criteria II.3.D, Future Local/Regional Airspace Encroachment, shows Bergstrom as Yellow and that is correct. This is also based on Houston Intercontinental Airport located 120 NM southeast of Bergstrom. Austin is a low air traffic density area.

IX. Air Quality

Criteria II.4, Air Quality, is further broken down into Attainment Status, Restrictions, and Future Growth. The data for this is from the 1995 Air Force Base Questionnaire, Elements VIII.1 and VIII.16

- A. Criteria II.4.A, Attainment Status, shows Bergstrom as Green and that is correct.
- B. Criteria II.4.B, Restrictions, shows:
 - (1) AF Analysis - Yellow
 - (2) Correct Status - **Green**
 - (3) Criteria:
 - Green - Not Yellow and not Red
 - Yellow - 1 block \geq 40 or 2 blocks \geq 30 or 3 blocks \geq 20
 - Red - 1 block \geq 50 or 2 blocks \geq 40 or 3 blocks \geq 30
 - (4) Bergstrom ARS Data:
 - (a) No mention is made in the 1995 Air Force Base Questionnaire of what constitutes a block. It is not possible with the data that we have to determine how a rating of Yellow was derived. On reviewing the Questionnaire Element data, there are only two areas mentioned, VIII.E.8 Monitoring and VIII.E.9 BACT/LAER, and neither of them indicate that Bergstrom is not in complete compliance with Texas Natural Resource Conservation Commission (TNRCC) rules and regulations. The City of Austin environmental compliance officer has called Bergstrom

Force Base Questionnaire Element IX. 12. All AFRES units are shown as Yellow under this Criteria because they have > 2 units and <= 10 units in their community. It is not understood how the Carswell AFRES location can recruit effectively when competing for almost 12,000 military and reservists in the Ft. Worth area.

XIII. Environmental Impact

Criteria VIII, Environmental Impact, shows Bergstrom as overall Green with only one area rated Yellow. That area is Criteria VIII. 5, Installation Restoration Program (IRP). It is shown as Yellow and relates to 1995 Air Force Base Questionnaire Elements VIII. 13 .A - VIII. 13 F. It is interesting to note that Carswell is the only AFRES base that is shown as Green under Criteria VIII.5. Bergstrom is the only AFRES base shown as Green under Criteria VIII.2, Asbestos.

XIV. Summary

Overall, Criteria I.1, Mission (Flying) Requirements

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Airfield Capabilities	Yellow -	Green
Base Operating Support	Yellow	Green -
Training Effectiveness	Yellow -	Green -
Overall Mission Requirements	Yellow -	Green -

Overall, Criteria II.3, Airspace Encroachment

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Existing Airspace Encroach	Red +	Green
Future Airspace Encroach	Red +	Green
Existing Local/Regional Airspace Encroachment	Yellow	Yellow
Future Local/Regional Airspace Encroachment	Yellow	Yellow
Overall Airspace Encroach	Red +	Green -

Cost Comparison

I. The Air Force cost analysis appears inconsistent and inaccurate.

A. Inputs to the financial model suspect

The Air Force uses the "COBRA" computer model to simulate the effects of a proposed realignment or base closure. While the model may work when provided valid data, none of the inputs or assumptions are apparent from the COBRA model. There are however, several areas for concern.

1. When questioned, the Air Force office in the Pentagon (AFRT) stated that they only considered Air Force monies. That is, BRACC monies, other service monies, other federal agency monies are not considered. For example, the BRACC monies saved by closing Homestead or the Navy monies saved by moving the 301 FW from Ft. Worth were not considered.
2. When questioned, the Air Force office in the Pentagon (AFRT) stated that military force structure is not considered in the COBRA model. However, the Bergstrom model clearly shows the job elimination or realignment of the civilian (ART) force for Bergstrom. The civilian ART force is a large part of the "military" presence in the Reserve - in contrast with the normal active duty civilian force.
3. A review shows that the assumptions for Bergstrom are in error or the model is indecipherable. For example, the model submitted to the BRACC shows all costs for Bergstrom doubling after 1997. In fact, the overhead costs will substantially reduce as the City of Austin assumes more control of the base.
4. The Air Force submission to the BRACC shows a model for converting Bergstrom to KC-135's, closing Bergstrom, and moving the unit to MacDill. This move contemplates construction costs at MacDill about the same as Bergstrom - such a move would be at a net cost to the government.

B. Personnel costs associated with Force Structure should not be considered

The Austin BRACC Study Group believes it is unreasonable to consider military personnel costs associated with force structure to be considered in determining locations for realignment or closure. The AF Reserve civilian ART force is largely part of the force structure. When comparing AFRES units with similar missions, it is reasonable to assume that military personnel costs are approximately equal. That is, the military personnel costs associated with closing the Bergstrom F-16 unit would be about the same as the unit at Miami or New Orleans, etc.

The Austin BRACC Study Group therefore made a cost comparison between AFRES fighter locations based on two factors. First, an estimate of the overhead associated with the six F-16 fighter locations was made. This estimate was based on the Base Operating Support (BOS) budgets of each unit. Several of the units are based at an Air Force active duty location and their overhead is less than a unit located at a joint use field and substantially lower than an AFRES operated base. However, the Air Force assumes a variable cost associated with its AFRES units, and this variable overhead needs to be considered.

Second, the Austin BRACC Study Group collected the current construction costs for the services at the six AFRES fighter locations. In our analysis "opportunity cost" is taken as the construction cost savings to the U.S. taxpayer if the listed AFRES location were to close. For example, at Homestead \$88 million in new construction projects are planned

Alternative Proposal

Proposal

The Air Force has proposed closing Bergstrom ARS for two stated reasons: eliminate one F-16 unit; and save money. To follow is one suggestion for accomplishing these two goals. There are, of course, many alternatives - this is but one alternative for the BRACC to consider.

1. Move the AFRES flying squadron from NAS Ft. Worth to Bergstrom.

In 1993 the Air Force proposed closing Bergstrom and consolidating 2 F-16 squadrons at Ft. Worth (i.e. Carswell). The Air Force estimated that such a consolidation would cost around \$6 million, but save \$20 million per year. Consolidation at Ft. Worth does not make sense for many reasons. For example, the Navy, Air Guard, and Army are moving a large number of aircraft into Ft. Worth, creating congested ground and airspace. Carswell was closed as an active duty installation for, inter alia, this ground and airspace congestion and encroachment.

Consolidating at Austin/Bergstrom does make sense both for military value and cost savings. As outlined below, Bergstrom is an ideal location for consolidation and would be cost effective.

2. Close Homestead Air Reserve Base.

In 1993 the BRACC decided to consolidate Air Force Reserve units at Homestead, with the understanding that Dade County would make the Base a joint use facility (but not a commercial air carrier facility). This decision is expensive for the United States - \$88 million in new construction required. Dade County argued that a Homestead consolidation made sense because, inter alia: the 301st Rescue Squadron and 302 Fighter Wing would both make use of Homestead; and with MacDill AFB closed, there was no Air Force presence in south central Florida.

1995 has brought substantial changes from the Air Force. The Air Force now proposes leaving the 30st Rescue Squadron at its temporary home of Patrick AFB in Florida. Additionally, the Air Force proposes reopening MacDill AFB in Florida. Little justification can be made for spending \$88 million to reopen Homestead as an Air Reserve Base to support one unit.

3. Section I below explains how such a proposal would not have a negative effect on military value - specifically Operational Readiness and Mission Requirements. Section II below explains how this proposal would save the U.S. taxpayer almost \$200 million in overhead and an additional \$400 million in personnel savings, while eliminating only one F-16 squadron.

I. Operational Readiness and Mission Requirements

A. **Operating 150 - 200 aircraft from Ft. Worth NAS's single runway in a high aircraft traffic area degrades operational readiness, increases operating costs, and unnecessarily increases risks.**

BERGSTROM

In contrast, the Bergstrom/Austin airport is a two runway operation.³ As an operating Air Force Base, Bergstrom sustained 100 takeoffs, approaches, and landings for four squadrons during a normal duty day. With the addition of commercial traffic and another suitable runway, two F-16 squadrons could easily be accommodated without any operational impediment.

2. Operating 150 - 200 aircraft from the single runway at Carswell/Ft. Worth in a high traffic area incurs a substantial hidden operational cost.

CARSWELL/FT. WORTH

DFW is the one of the highest traffic areas in the United States.⁴ As can be seen from Exhibit III-B, Carswell/Ft. Worth is one of 25 airports in the Dallas-Fort Worth terminal control area. It is readily apparent from Exhibit III-B that any departure other than to the West is difficult from Carswell/Ft. Worth.

The current plan for Carswell/Ft. Worth launch and recovery in good weather (VMC) is to depart all aircraft to the West below 4,000 ft. for 30 miles prior to permitting turns to the North or South or further climbs to altitude.⁵ Good weather recoveries are similarly restrictive with approach corridors from the Northwest and Southwest to Carswell/Ft. Worth. In most cases, the routing and altitudes are indirect, adding time and cost to operational training.

While the FAA and the military are working hard to minimize aircraft delays, because of the indirect routing and altitude restrictions, as well as the heavy volume of traffic at Carswell/Ft. Worth and in the DFW area, several minutes of additional flight time per sortie (in good weather) will occur because of the cumulative delays.⁶

Departure and approach delays into Carswell/Ft. Worth in inclement weather or at night (IMC) would impose even worse delays compared to good weather (VMC) approaches and recoveries. IMC departures for flights of fighters cannot use the VMC plan of remaining below 4000 feet for 30 miles. Many sorties will be canceled during IMC operations, reducing operational training, and the sorties that successfully launch will have significantly increased operational expense.

³Bergstrom currently has 1 large and 1 small runway. In 1998 the small runway will be eliminated and another parallel runway will be operational.

⁴Chicago O'Hare is the first.

⁵Contact Richard Baugh, Fort Worth Center Airspace Manager, for more details.

⁶Flights to the West under good conditions would experience little ground clearance or air traffic control delay, although the altitude and routing corridors will result in route delay. Departures to the East would encounter significant handling delay and the routing delay is staggering.

BERGSTROM

In contrast, the Bergstrom/Austin airport has two usable runways, practically eliminating the risk of diversion or the necessity to increase fuel reserve. Additionally, Bergstrom/Austin is fortunate to have other military air fields in the immediate area — Gray Army Air Field 54 miles to the North and Randolph AFB 50 miles to the Southwest. Finally, the approaches to Bergstrom are predominately over unpopulated areas.

II. Carswell/Ft. Worth's training air space is inadequate to support the number of fighter squadrons proposed.

1. The bombing ranges reachable from Carswell/Ft. Worth are Army controlled, permit only limited tactics, and are often unavailable.

CARSWELL/FT. WORTH

The primary range used by Carswell Ft. Worth for bombing practice is the Falcon range on the Ft. Sill Army complex. Because the range is small, only limited tactical maneuvers are permitted, limiting the type of training available. The Air Training Command unit from Sheppard AFB unit also uses Falcon. An increasing problem is obtaining range time for Falcon. Because Falcon Range is part of an Army live fire complex, the Army often preempts all other use and sometimes even cancels other users on short notice.

Limited bombing practice can be achieved at Ft. Hood. Ft. Hood is controlled by the Army which is sometimes unable to yield time for Air Force training.

BERGSTROM

As can be seen from Exhibit III-C and III-D, Bergstrom has available to it a greater variety of bombing ranges. Most important are the McMullen ranges - actually two ranges, Yankee and Dixie. Yankee is controlled by the Kelly Air National Guard, while the Bergstrom Air Force Reserve controls Dixie. Neither range is in an Army complex, meaning access is unlimited and tactical entries can be made from the multiple low level routes leading to the ranges. Further, because Dixie is controlled by the Air Force Reserve, bombing practice is not preempted by any other user or authority.

Bergstrom has excellent access to Ft. Hood and is 60 miles (10 minutes) closer than Carswell/Ft. Worth.

Access to the Peason Tactical range at Ft. Polk is possible from Bergstrom. Bergstrom is 70 miles closer to Peason than Carswell/Ft. Worth, which means 12 minutes more time available in support of Army exercises. Because of the traffic flow at DFW, Ft. Polk is difficult to reach from Carswell/Ft. Worth.

2. The number of air combat ranges available from Carswell/Ft. Worth is inadequate to support the number of fighter squadrons proposed for Carswell/Ft. Worth.

NAS FT. WORTH PROJECTED DAILY OPERATIONAL TEMPO

	<u>LAUNCH AND RECOVERY</u>	<u>ADDITIONAL MULTIPLE APPROACHES/ LANDINGS</u>	<u>TOTAL EVENTS</u>
TACTICAL¹	118	60	168²
MULTI-ENGINE	10	10	20
ROTARY	25	5	30
TRANSIENT	10	2	12
LOCKHEED	6	2	8
TOTALS	163	79	238

1. The Tactical projections are based on a survey of the fighter units involved. The F-16 squadron flies 16 sorties per day on a normal basis. The other projections are Navy estimates contained in its Defense Recommendation for Carswell white paper.

2. Almost 90% of the tactical sorties are daylight sorties. i.e. on 9 out of 10 days these 168+ tactical events will be attempted during normal flying hours 0830-1630, or 21 tactical events per hour. The remaining 70 events would be more evenly spread over the airport hours, or about 6 events per hour. 30 events per hour from a single runway are obviously not possible on a normal basis.

In Summary, the savings:

- Move 457 FS Flying Squadron to Austin
 - » \$2.5 M Overhead saved per year
 - » Opportunity Cost \$59M
 - » Mil Con at Austin Required - (\$4.5M)
- Cost to move single squadron - (\$ 1.2 M)
- Savings from 10th Air Force remaining at Bergstrom
 - » \$2.7 Milcon
 - » \$.3 moving expense
- Present Value of Overhead and Construction Savings - \$81.5 million
- Personnel Savings additional \$182 million
(based on Air Force 1993 estimate of \$20 million per year in annual savings.)

Additional considerations:

- Ft. Worth is currently scheduled for
 - 11,500 Reservists
 - 140 Aircraft
- 30 T/O, approach, or Landing per hour from a Single Runway in the DFW traffic area (as shown in Exhibit III-A).
- With so many reservists it will be difficult to recruit.
- With so many reservists it will be difficult to drill.
- Closure of the 301 FW at Ft. Worth will not only save the Navy substantial military construction monies, but also save perhaps 2 years in their move completion timing.

B. Close Homestead

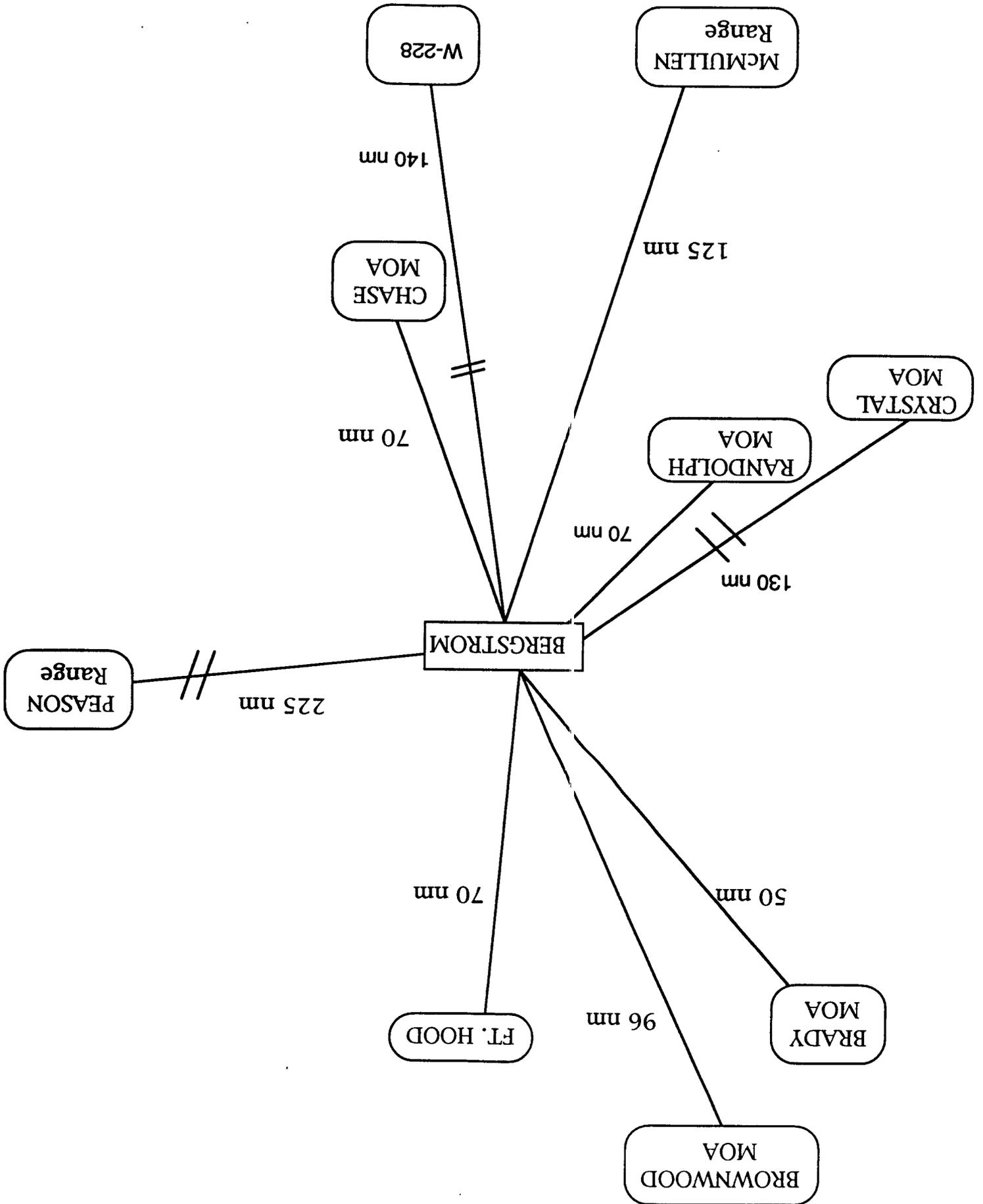
Homestead ARB has excellent flying airspace. The only negative from an operational training view is that there is no Army units located close enough for joint training.

As previously mentioned, reopening Homestead ARB is expensive for the United States - **\$88 million** in new construction is required. However, the Air Force now proposes leaving the 30st Rescue Squadron at its temporary home of Patrick AFB in Florida. Additionally, the Air Force proposes reopening MacDill AFB in Florida and establishing an Air Force Reserve unit. Little justification can be made for spending \$88 million to reopen Homestead as an Air Reserve Base to support one unit.

In Summary, the savings from Homestead closure:

1. Construction Savings - \$73 million. This represents \$88 million allocated and the almost \$15 million already spent. See Exhibit III-D.
2. Overhead Savings - \$5 M/year. As previously indicated, the overhead estimates are based on good faith estimates from a unit's Base Operating support budget, taking into

III-C



AREA	DESCRIPTION	DISTANCE	AVAILABILITY
Brownwood MOA	Brownwood includes separate air combat areas that can be used individually. Used together, the area can accommodate a big fight.	96 nm	Navy Dallas owns and uses a lot. Also, Carswell and Dyess B1's are users. Additionally, the FAA preempts military use for holding DFW traffic. Little available time left.
Brady MOA	Brady is low (23,000 ft. and below) which is advantageous for Low altitude training, but not as useful for unlimited training.	60 nm	Bergstrom owns and controls. It is close and easy to use.
Randolph MOA	The Randolph 2A MOA is large with a good altitude block for unlimited air combat training.	70 nm	Other Randolph MOA's are closer, but normally unavailable because of heavy use by Randolph.
Crystal MOA	The Crystal MOA is large, with the biggest altitude block of any MOA in Texas.	130 nm	Crystal is used and controlled by the Kelly Air National Guard, and accordingly is normally available. However, its distance from Bergstrom makes it a second choice.

V. Cost Comparison @ 2.75%

Austin - a Cost Effective Location

	1996 Opportunity Cost	Annual Overhead	Net Present Value
Miami	-73,000,000	5,000,000	(\$149,136,261)
Fort Worth	-53,000,000	2,500,000	(\$97,068,130)
Austin	-11,000,000	3,500,000	(\$64,295,382)
Phoenix	-20,000,000	2,500,000	(\$58,068,130)
New Orleans	0	3,000,000	(\$45,681,756)
Salt Lake City	0	2,500,000	(\$38,068,130)

SUMMARY OF BERGSTROM TACTICAL AIRSPACE

AREA	DESCRIPTION	DISTANCE ¹	AVAILABILITY
McMullen Range	Actually two ranges - Yankee (north) and Dixie (south). The Navy owns the land, but their use has diminished. The Kelly Guard controls Yankee, while the Bergstrom Reserve controls Dixie. The ranges are good conventional ranges and have a number of tactical targets.	125 nm	Both ranges are fully manned and under-utilized. Could easily support more squadrons. The active duty Air Force at Randolph also uses Dixie in cooperation with Bergstrom.
Chase MOA	As the Navy leaves Chase, the entire air space becomes more available. Navy Corpus and Kingsville use the Chase MOA's to a limited extent.	70 nm	Largely available. One Chase MOA is close to Bergstrom, while another Chase MOA overlies McMullen Range.
Peason Range	Good tactical range in western Louisiana. The new Army Medium conflict exercise area. Ft. Polk.	225 nm	Will become major support area for exercises.
Ft. Hood	North Ft. Hood has a dedicated AF range - Shoal Creek. South Ft. Hood has a live bombing area. The Army sometimes limits access.	70 nm	Used increasingly to support the Army at Ft. Hood.

¹ All distances are direct from Bergstrom/Austin to the training area.

consideration the relative cost of running a unit, savings from joint use, and active duty associated costs.

3. Present Value of Savings - \$118 M

4. Cost to Close - \$ 7.9 M

This estimate may be low, but is the estimate provided by the Air Force in their COBRA studies.

5. Additional Personnel Savings, same as Bergstrom (~\$220 M). This is the estimated manpower savings resulting from closure. This estimate is believed to be high, but is the estimate provided by the Air Force for Bergstrom. Homestead manpower costs are at least as great as Bergstrom.

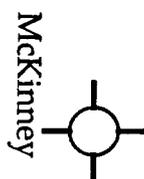
C. Summary of cost savings

- Move Carswell to Austin - \$81.5 million
- Close Homestead - \$110 million
- **Present Value of Total Overhead Savings for same combat capability- \$191.5 million**
- Additional Personnel Savings - ~\$400 million

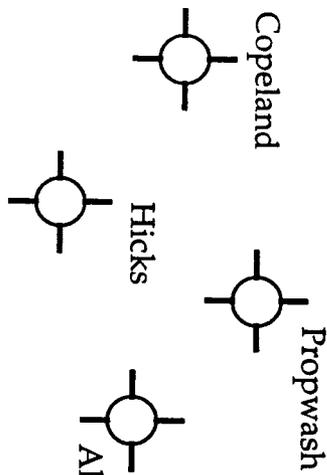


Denton

DFW Airspace



McKinney



Copeland

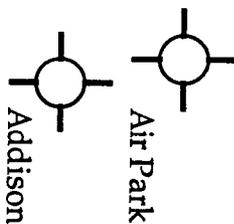
Propwash

Hicks

Alliance



Northwest

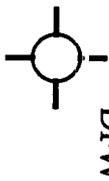


Air Park

Addison



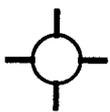
Goode



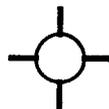
DFW



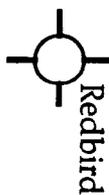
Love



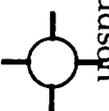
Bell



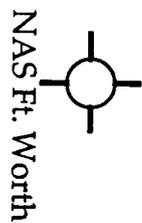
NAS Dallas



Redbird



Hudson



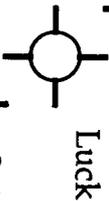
NAS Ft. Worth



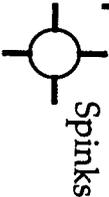
Meacham



Sycamore



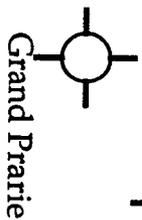
Luck



Spinks



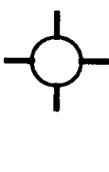
Arlington



Grand Prairie



Eagles Nest



Lancaster

III-B

CARSWELL/FT. WORTH

The Brownwood MOA has quality training airspace and is easily accessible from Carswell/Ft. Worth. Currently, however, the Navy schedules Brownwood in excess of six hours per day for its own use. With the addition of at least another Navy squadron using Brownwood and increasing traffic into DFW, use becomes difficult for Air Force use during normal duty hours. The result is that Air Force fighter squadrons based at Carswell/Ft. Worth will be forced to use Rivers MOA and Brady MOA a large percentage of the time. The Rivers and Brady MOA's are long distances from Carswell/Ft. Worth, substantially reducing the operational training and increasing operational costs for air combat training.⁹

BERGSTROM

Turning to Exh. III-C and III-D, Bergstrom/Austin has a number of MOA's readily available to it for air combat training. The Brady MOA is owned by the Air Force Reserve and is only a short distance away. Equally close to Bergstrom/Austin, are the Randolph and Chase MOA's. With Navy Chase closed, the Chase MOA's are readily available. Even the Brownwood MOA can be easily used from Bergstrom/Austin for joint training with the Navy.

II. Cost Savings

A. Move 457th Flying Squadron to Bergstrom

As discussed above, the Air Force in 1993 estimated that consolidating the 704 FS from Bergstrom with the 457 FS at Carswell/Ft. Worth would cost \$6 million and save \$20 million per year. While these estimates may not be correct, they are useful for comparison.

The effects of moving the 457 FS from Ft. Worth to Bergstrom would be to eliminate the \$2.5 million per year in overhead incurred by the 301 FW in Ft. Worth. Additionally, the \$2.7 cost for military construction to move 10th Air Force to Ft. Worth would be saved, along with the \$300,000 in moving expense.

A significant savings would result from closing the 301 FW at Ft. Worth. First, the Navy would save approximately \$39 million in construction costs and complete their move to Ft. Worth earlier saving additional monies. This \$39 million is based on the estimated value of the 301 FW facilities using the Air Force pricing guide and square footage of the facilities. Additionally, the 301 FW was allocated \$18 million in new construction (it is unknown how much of this allocation has been spent).

To accommodate the 457 FS at Bergstrom under \$4.5 million would be spent. This estimate is from the Air Force Reserve and assumes a new operations building would be built and a fuel storage hanger. This estimate is not dependent on the type of airplane used by the 457 FS. The Bergstrom ramp area of 283,000 sq. ft. is of sufficient size to accommodate 36 F-16's and 8 KC-135's for example. There would be a moving cost estimated as \$1.2 million for moving the 457 FS to Bergstrom.

⁹ The 45-50 minute enroute time to the Rivers MOA is 45-50 minutes of valuable air combat training time lost.

While estimates of increased operational costs at Carswell/Ft. Worth because of these cumulative delays are difficult to determine, approximate numbers will illustrate the magnitude of the problem.

- An F-16 squadron, such as the 301st FW at Ft. Worth, flies over 3,000 local sorties per year.
- Approximately 75% of the sorties are VMC and 25% of the sorties are IMC/night.
- A conservative estimate of these cumulative delays at Ft. Worth are 3-5 minutes (VMC) and 6-8 minutes (IMC).
- An F-16 costs over \$3000 per hour to operate.
- The added cost of Ft. Worth basing of an F-16 squadron approaches \$1,000,000 annually in operational expense when compared to a Bergstrom consolidation. The AFRES F-16's further add congestion and cost to the other aircraft at Ft. Worth NAS⁷ and civilian aircraft traffic in the DFW metroplex.

BERGSTROM

In contrast, Austin, Texas has low commercial aviation traffic and Bergstrom/Austin's two runways can handle easily two squadrons with no delay. The routings are direct to all military operating areas without added cost to other users.

3. Operating large numbers of fighter aircraft from the single runway at Carswell/Ft. Worth in a populated area increases risks and diminishes operational training and readiness.

CARSWELL/FT. WORTH

In the fighter business, operational requirements dictate that the fighters takeoff on time, arrive at their destinations on time, and fighters typically use their available fuel for training (ground attack or air combat) to the maximum extent possible. It is quite common for fighters to return to base with 10 minutes or less of fuel remaining in order to meet their training and operational objectives.⁸

Further, it is not uncommon for a fighter aircraft with an emergency to close a runway for a half hour or more, resulting in the diversion of all airborne aircraft to other air fields. Because Carswell/Ft. Worth will be the only military air field in the Dallas-Fort Worth area, military aircraft will be forced to recover at Alliance, Meacham, DFW, or Love in many cases.

Arriving at a single runway over a populated area presents a risk that should, if possible, be avoided. To offset the risk of running out of fuel or forced diversion into a civilian field, pilots will be forced to increase their fuel reserve - significantly reducing their effective training and operational readiness.

⁷The operational savings to the Navy by moving the F-16's to Bergstrom is also difficult to estimate with precision, but should approach \$2 million annually. (8000 local sorties; 2-3 minute takeoff, approach, or landing delays eliminated; \$4000-5000 per hour operation cost.)

⁸Because fuel is always limited, 10 - 15 minutes of fuel reserved for Carswell/Ft. Worth traffic delays typically means 10 - 15 minutes less training time. Because the tactical portion of a sortie is on the order of 30 minutes, half the operational training may be lost because of the need to guard against delays in the Carswell/Ft. Worth approach.

1. It will be difficult to launch and recover from a single runway on a normal basis the 150 - 200 aircraft proposed for Ft. Worth NAS in a high aircraft traffic area, degrading operational readiness.

CARSWELL/FT. WORTH

Exhibit III-A shows the normal operational tempo for Carswell/Ft. Worth. As can be seen from Exhibit III-A, in normal operation approximately 100 sorties, and 250 takeoffs, approaches, and landings per day can be anticipated. Allocating a takeoff and landing window of three minutes to each aircraft results in a 12 1/2 hour flying day and approximately a 14 hour duty day.

Even with such mitigation practices as staggering duty days of the various squadrons, diverting the 25 rotary sorties, and combining fighters into flights, Carswell/Ft. Worth's single runway is faced with about a 10 hour stream of takeoffs and landings with aircraft assigned several minute windows for takeoffs and recoveries. Scheduling would be dictated by takeoff and recovery allocations instead of mission requirements. Maintenance delays would result in canceled sorties and loss of training; control delays and aircraft in-flight emergencies would have a ripple effect resulting in canceling dozens of sorties. Instrument weather in the Carswell/Ft. Worth area would force cancellation of many additional sorties and the attendant unnecessary loss of training.¹

While Exhibit III-A illustrates normal operational tempo, an important test of war time training is the ability to surge and exercise under war time conditions. Under the proposal for Carswell/Ft. Worth, any exercise could only be undertaken if other flying units were willing to stand down during the exercise period. Further, a desirable characteristic of a military base is its capacity to expand and surge in times of potential hostilities - Carswell/Ft. Worth would have no excess capacity.

The proposal for Carswell/Ft. Worth would result in one of the most active single runway operations during daylight hours in the world. Truly a remarkable task for a base previously closed because it had "the worst ground and regional airport encroachment in its category."²

¹The instrument weather could be mild, say 1500 foot ceilings, and yet force instrument approaches. Requiring instrument approaches would force cancellation of many sorties even though the training area weather is adequate.

²Defense Base Closure and Realignment Commission Report to the President 1991, p. 53

and \$15 million has been spent. At Austin/Bergstrom, \$13 million in new construction is authorized and \$2 million has been spent. At Phoenix (Luke AFB), although the value of the AFRES facilities are close to \$50 million, only \$20 million of new construction is planned in the next 2 years.

II. Summary of Cost Savings

Cost Comparison @ 2.75% attached	1996 Opportunity Cost	Annual Overhead	Net Present Value*
Miami	-73,000,000	5,000,000	(\$118,642,728)
Fort Worth	-59,000,000	2,500,000	(\$81,821,364)
Austin	-11,000,000	3,500,000	(\$42,949,910)
Phoenix	-20,000,000	2,500,000	(\$42,821,364)
New Orleans	0	3,000,000	(\$27,385,637)
Salt Lake City	0	2,500,000	(\$22,821,364)

*Using a discount rate of 9% and a 20 year cost recovery period.

Cost to closure has not been considered but would make the Austin location look substantially more favorable. The Air Force in their COBRA analysis estimated the cost to close Austin/Bergstrom at \$34 million and the cost to close Miami/Homestead at only \$7.9 million. Obviously, the cost to close Fort Worth, Phoenix, New Orleans, or Salt Lake City would be substantially less than Austin or Miami because they would remain as operating DOD facilities.

It should be noted that if the Air Force's estimate of \$34 million to close Austin/Bergstrom is correct, then the savings by closing Bergstrom is about \$9 million over 20 years (again, excluding military force structure).

In its final report to the BRACC the Austin BRACC Study Group intends to compare other AFRES locations to the above listed F-16 locations. It is certainly true, however, based on the above analysis, that Austin/Bergstrom is NOT the most expensive AFRES location and in fact it compares favorably.

Overall, Criteria II, Facilities and Infrastructure

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Mission Support Facilities	Yellow -	Yellow -
Airspace Encroachment	Red +	Green -
Air Quality	Green -	Green
Billeting Requirements	Yellow	Yellow
Overall Facilities and Infrastructure	Yellow	Green -

Overall Rating for Bergstrom ARS Criteria I and II

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Mission (Flying) Requirements	Yellow -	Green -
Facilities and Infrastructure	Yellow	Green -

“pristine” when compared with most airports or military bases.

(b) Source - 1995 Air Force Base Questionnaire, interview with City of Austin environmental compliance officer.

C. Criteria II.4.C, Future Growth, shows Bergstrom as Green and that is correct.

D. Overall Revised Rating for Criteria II.4, Air Quality:

<u>Air Quality</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Attainment Status	Green	Green
Restrictions	Yellow	Green
Future Growth	Green	Green
Overall	Green -	Green

X. Billeting Requirements

Criteria II.6, Billeting Requirements, is broken down into Installation Billeting and Commercial Billeting. This area relates to 1995 Air Force Base Questionnaire Elements IX.3.A and IX.3.B.

Bergstrom ARS has 1191 AF reservists assigned as of 23 March 1995. Of these a maximum of 385 require billeting during drill weekends. The 924 FW provides 155 on-base billets and 230 off-base billets during drill weekends. This equates to 32% of reservists requiring billeting, 13% on-base and 19% off-base, with the off-base billeting providing 60% of the total. This does not change the AF Analysis of Yellow but is lower than the figures shown in the Questionnaire.

XI. Economic Impact

Criteria VI, Economic Impact, shows the Percent Job Loss (All BRACs) for Bergstrom as 0.3%, Carswell as <0.1%, and Homestead as 0.1%.

XII. Community

Criteria VII, Community, really refers to recruiting data for each community. All the AFRES bases listed are Green -. This is because of Criteria VII. 11, Other Local Guard/Reserve Unit, and relates to 1995 Air

The 924 FW since they have other quality airspace available in south Texas, a low air traffic region.

- (b) Sources - 1995 Air Force Base Questionnaire; 924 OSS/OSAM

B. Criteria II.3.B.2, Bombing Ranges, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria:

Green - Future regional development generally expected to remain compatible with Air-to-Ground ranges

Yellow - Future regional development may become incompatible in some (limited) areas, creating restrictions on Air-to Ground ranges

Red - Future regional development may become severely incompatible in many areas, causing major restrictions to Air-to-Ground ranges

- (4) Bergstrom ARS Data:

- (a) Once again there are no data available to substantiate this rating and it appears to be subjective. There are no known FAA plans, including their Airspace 2000 plan, that will adversely impact 924 FW bombing ranges. Again, south Texas is a low civil air traffic region.

- (b) Sources - 1995 Air Force Base Questionnaire - 924 OSS/OSAM

C. Criteria II.3.B.3, Low Level Routes, shows Bergstrom ARS as Green and that is correct.

D. Overall Revised Rating for Criteria II.3.B, Future Associated Airspace:

<u>Future Associated Airspace</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
MOAS and Restricted Airspace	Red	Green
Bombing Ranges	Red	Green
Low Level Routes	Green	Green
Overall Existing Airspace	Red +	Green

Airspace

(4) Bergstrom ARS Data:

- (a) The two MCAs used the majority of the time by the 924 FW, Brady and Brownwood, are impacted very little by civil and commercial aviation. The only impact is when the Brownwood MOAs are capped because of weather problems around Dallas/Ft Worth Airport and they are seldom capped below FL 230 which allows the 924 FW to complete its mission. The Brady MOA is almost never impacted by civil aviation. The other MOA's often used - Chase, Randolph, Crystal - are seldom effected by civil aviation because of their location in south Texas, a sparsely populated region.
- (b) Source - 1995 Air Force Base Questionnaire
- 924 OSS/OSAM

B. Criteria II.3.A.2, Bombing Ranges, shows:

- (1) AF Analysis - Red
(2) Correct Status - **Green**
(3) Criteria:

Green - Regional development generally compatible with Air to-Ground ranges

Yellow - Regional development incompatible in some (limited) areas, creating restrictions on Air-to-Ground ranges

Red - Regional development severely incompatible in many areas, causing major restrictions to Air-to-Ground ranges

(4) Bergstrom ARS Data:

- (a) There is no data to support a Red rating. The three ranges predominately used by the 924 FW have NO regional development that impacts on them.
- (b) Source - 1995 Air Force Base Questionnaire
- 924 OSS/OSK Interview

C. Criteria II.3.A.3, Low Level Routes, shows Bergstrom as Green and that is correct.

D. Overall Revised Rating for Criteria II.3.A, Existing Associated Airspace:

<u>Criteria</u>	<u>DOD Analysis</u>	<u>Correct Conclusion</u>
Supersonic Area	Red	Green
Other Areas	Red	Green
Low Altitude Areas	Red	Green
Scoreable Ranges	Red	Green
Electronic Combat	Red	Green
Ground/Tactical Area	Green	Green
ACMI Ranges	Red	Red
Weapons Drop Areas	Red	Green
Low level Routes	Green	Green
Overall Training Areas	Red +	Green -

K Overall Revised Rating for Criteria I.1.D.2, ARC Effectiveness

- (3) Criteria:
 - Green \leq 100 NM
 - Yellow \geq 100 NM and \leq 150 NM
 - Red $>$ 150 NM
 - Size: Minimum of 2100 sq. NM (nominal 47 X 45 NM) and from surface up to at least 2500 feet AGL.
- (4) Bergstrom ARS Data:
 - (a) W-228 is located 140 NM southeast of Bergstrom.
Brady Area 50 nm northwest *
 - (b) Source - JNC 44
1995 Air Force Base Questionnaire
- (5) *Note: Although Brady MOA does not meet the stated criteria (size is 1125 sq. NM, nominal 45 X 25 NM), the 924 FW is able to fulfill all of its low altitude training requirements in this MOA. Brady MOA is located 80 NM northeast of Bergstrom.

D. Criteria I.1.D.2.a.4, Scoreable Range complexes, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Scoreable Range -
Green Criteria -1 < 100 nm and 4 < 250 nm
- (4) Bergstrom ARS Data:
 - (a) Shoal Creek Range is 70 NM north of Bergstrom inside R-6302A.
 - (b) Yankee Range is 122 NM southeast of Bergstrom inside R-6312.
 - (c) Dixie Range is 128 NM southeast of Bergstrom inside R-6312.
 - (d) Peason Ridge is 225 NM east of Bergstrom inside R-3803A.
 - (e) Ft. Polk is 225 NM east of Bergstrom.
- (5) Source -
TPC H-23B
AFR 50-46
- (6) Note: The 924 FW is able to accomplish 100% of its required air-to-ground weapons delivery requirements on the first three ranges listed.

E. Criteria I.1.D.2.a.5, Electronic Combat Range within 250 NM, shows:

- (1) AF Analysis - Red
- (2) Correct Status - **Green**
- (3) Criteria: Green
 \leq 250 NM
- (4) Bergstrom ARS Data:
 - (a) Ft Hood is 65 NM north of Bergstrom inside R-6302A

it appears that the 924 FW will be providing the NG Aviation Department with fire fighting protection from the 924 SPTG/BCE fire department. This is to comply with DoD fire protection directives.

(b) Source - 924 SPTG/BCE

G. Overall Revised Rating for Criteria I.1.D.1, Base Operating Support Integration:

<u>Base Operating Support Integration</u>	<u>DOD Analysis</u>	<u>Correct Conclusion</u>
Petroleum, Oils, Lubricants	Yellow	Green
Security	Yellow	Yellow
Base Supply	Yellow	Yellow
Tower/Air Traffic Control	Yellow	Green
Civil Engineering	Yellow	Green
Overall	Yellow	Green

III. Training Effectiveness

Criteria I.1.D.2, ARC Training Effectiveness, is further broken down into Fighter Training, Tanker Training, and Airlift Training. All data in this section was provided by HQ USAF/RT (formerly HQ USAF/XOOR). No rationale is given as to the size requirements for the MOAs. Although Bombers were addressed under Criteria I.1.C Airfield Capabilities, they are conspicuously absent under this criteria. Criteria I.1.D.2.b, Tanker Training and Criteria I.1.D.2.c, Airlift Training appear to be correct as stated in the AF Analysis. The AF Analysis contains a number of errors in its analysis of Fighter Training.

<u>Airfield Capability</u>	<u>DOD Analysis</u>	<u>Correct Conclusion</u>
Fighter Mission	Green	Green
Bomber Mission	Red	Green
Tanker Mission	Red	Green
Airlift Mission	Red	Green
Overall	Yellow -	Green

II. Operational Effectiveness

Criteria I.1.D, ARC Operational Effectiveness, shows Bergstrom as Yellow minus. Operational Effectiveness is further broken down (AF Analysis pages 7- 12) into subelements "Base Operating Support Integration" and "ARC Training Effectiveness" to determine the rating.

- A. Criteria I.1.D.1, Base Operating Support Integration, lists Bergstrom as overall Yellow. The rationale for the subelements is unclear and refers to 1995 Air Force Base Questionnaire Elements (IX.16). Based on the subelements and the criteria listed in the document, it appears that the overall rating of Yellow is currently correct, but probably incorrect after construction of the Austin/Bergstrom Airport. For example, the criteria asks, "Are there other Government aviation units collocated on the airfield?". Based on the fact that the Texas National Guard Aviation Department will be basing their helicopters, now located at Mueller Airport, here in 1998, it seems only prudent to include them in any future plans or data.
- B. Criteria I.1.D.1.a, Petroleum, Oils, Lubricants, shows:
 (1) AF Analysis - Yellow

Overall Rating for Bergstrom ARS Criteria I and II

<u>Criteria</u>	<u>AF Analysis</u>	<u>Correct Conclusion</u>
Mission (Flying) Requirements	Yellow -	Green -
Facilities and Infrastructure	Yellow	Green -

I. Airfield Capabilities

Appendix 7 of the AF Analysis is further broken down into subelements. Criteria I.1.C, "Airfield Capabilities," lists Bergstrom as a Yellow Minus, but in actuality is Green. The "Airfield Capabilities" category is further broken down into subelements: runways, taxiways, and aprons to determine the rating.

A. Criteria I.1.C.1, Runway/Taxiway for Fighter mission, shows Bergstrom as Green which is correct.

B. Criteria I.1.C.2, Runway/Taxiway for Bomber mission, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria: Green = Runway at least 200 ft wide and at least 10000 ft long,
Taxiway at least 75 ft wide,
Apron at least 278400 sq. ft,
Pavement strength supports bomber mission.
Red = Anything else
- (4) Bergstrom ARS Data:
 - (a) Runway - 300 ft wide and 12250 ft long
 - (b) Taxiway - 75 ft wide stressed/150 ft wide total
 - (c) Apron - 88125 sq. yds/793125 sq. ft or 2.85 times requirement
 - (d) Pavement - will support bomber mission
 - (e) Source -
 - 924 SPTG/BCE
 - Flight Information Publication (Terminal)
 - 1995 Air Force Base Questionnaire

C. Criteria I.1.C.3, Runway/Taxiway for Tanker mission, shows:

- (1) AF Analysis - Red
- (2) Correct Status - Green
- (3) Criteria: Green = Runway at least 150 ft wide and at least 8000 ft long,

Summary of Contents

Part I Mission Requirements

Objectively evaluated, Bergstrom belongs in the highest category—Green—for operational readiness and mission requirements.

Part II Cost Comparison

Objectively evaluated, Bergstrom is one of the most cost effective locations to base an Air Force Reserve unit.

Part III Alternative Proposal

If the goal is to eliminate one F-16 unit from the Air Force Reserve and to save taxpayer monies, consolidating units at Bergstrom will save taxpayers over \$500 million: 2-3 times the amount saved by closing Bergstrom.

Prepared by the Austin BRACC Study Group under the auspices of the City of Austin and Greater Chamber of Commerce.

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 12, 1995

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

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

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Please refer to this number
when responding 950412-15

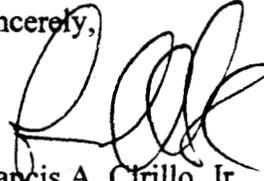
Dear General Blume:

March 7, 1995, the Defense Base Closure and Realignment Commission placed Minot Air Force Base on the list of installations to be considered for realignment. In order to evaluate this proposal and other related scenarios, I am requesting the following COBRA runs:

1. Realign Minot Air Force Base. Inactivate the Missile Group.
2. Close Minot Air Force Base. Inactivate the Missile Group. Relocate the B-52s to Fairchild Air Force Base. Relocate one KC-135 squadron currently located on Fairchild Air Force Base to Malmstrom Air Force Base. (Assume Malmstrom Air Force Base does not realign.) Relocate one KC-135 squadron currently located at Fairchild Air Force Base to MacDill Air Force Base.
3. Close Minot Air Force Base. Inactivate the Missile Group. Relocate the B-52s to Beale Air Force Base.
4. Close Minot Air Force Base. Inactivate the Missile Group. Relocate the B-52s to Ellsworth Air Force Base. Relocate the B-1s on Ellsworth AFB to Mountain Home AFB (2 PAA), McConnell AFB (2 PAA), Robins AFB (2 PAA), and Dyess AFB (6 PAA).
5. Close Minot Air Force Base. Inactivate the Missile Group. Relocate the B-52s to Barksdale AFB.
6. Close Minot Air Force Base. Inactivate the Missile Group. Relocate the B-52s to Grand Forks AFB. Relocate one KC-135 squadron currently located on Grand Forks to MacDill AFB. (Assume Malmstrom AFB does not realign.) Relocate one KC-135 squadron to Malmstrom AFB.

In order to assist the Commission in its review, I would appreciate these COBRA runs no later than May 5, 1995. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'FAC', written over the word 'Sincerely,'.

Francis A. Cirillo, Jr.
Air Force Team Leader

THE DEFENSE BASE CLOSE AND REALIGNMENT COMMISSION

EXECUTIVE CORRESPONDENCE TRACKING SYSTEM (CTS) # 950412-15

FROM: CIRILLO, FRANK
 TITLE: AIR FORCE TEAM LEADER
 TO: BLUMF, JAY
 TITLE: SPECIAL ASST.
 ORGANIZATION: DRLC
 ORGANIZATION: HEADQUARTERS USAF
 INSTALLATION # DISCUSSED: MINOT AFB

OFFICE OF THE CHIEF				COMMISSION MEMBERS			
PT	ACTION	MIT		PT	ACTION	MIT	
			CLAYTON DEON				COMMISSIONER CORNELIA
			STAFF DIRECTOR				COMMISSIONER COX
		✓	EXECUTIVE DIRECTOR				COMMISSIONER DAVIS
		✓	GENERAL COUNSEL				COMMISSIONER KING
			MILITARY EXECUTIVE				COMMISSIONER MONTVA
			DR. CONGRESSIONAL LIAISON				COMMISSIONER ACLES
							COMMISSIONER STEEL
			DR. COMMUNICATIONS				REVIEW AND ANALYSIS
		✓	EXECUTIVE SECRETARY				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
			DR. INFORMATION SERVICES				

TYPE OF ACTION REQUIRED

Prepare Reply for Chairman's Signature	Prepare Reply for Chairman's Signature
Prepare Reply for Staff Director's Signature	Prepare Reply for Staff Director's Signature
ACTION: Other Comments and/or Signatures	PT

Subject/Remarks:
 REQUESTING CGOBR A RUNS BE PERFORMED FOR MINOT AFB.

Date: _____
 Review Date: 950412
 Date Originated: 950412
 Mail Date: 950412



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

6 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

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Dear Mr. Cirillo

April 12

This is in response to your letter of ~~March 7~~, 1995, requesting six COBRA runs closing Minot AFB (Commission #950412-15, AF # RT392).

The requested COBRA runs with the exception of your number 4 are at attachment 1. A synopsis of the operational concerns for all six options is at attachment 2. Your scenarios number 2 and 6 that moved force structure to MacDill utilized the same assumptions for MILCON and savings that were in the Malmstrom recommendation COBRA. These numbers are currently under review and will be updated with the final Malmstrom AFB submittal to the commission.

These COBRA runs are based on certified data, but the costs and savings may not be considered in their entirety as BRAC costs or savings. All costs and savings associated with a missile field closure have 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

Attachment:

1. Minot COBRA Runs
2. Operational Concerns

MEMORANDUM FOR AF/RTR

20 Apr 95

FROM: AF/XOFC

SUBJECT: Defense Base Closure and Realignment Commission Request for COBRA Runs Relative to Rebasing Excursions -- Operational Concerns

Attached are the COBRA worksheets to support COBRA excursion runs requested by the Commission. All of the rebasing options requested were reviewed as options to some extent during the Air Force Base Closure process. Request you forward the following operational concerns voiced during the Air Force process to the Commission so that their decisions can appropriately weigh all the factors we considered.

Realign Minot AFB. Inactivate the Missile Group. Minimal operational concerns.

Close Minot AFB. Inactivate the Missile Group. Relocate the B-52s to Fairchild AFB. Relocate one KC-135 squadron currently located at Fairchild AFB to Malmstrom Air Force Base. (Assume Malmstrom AFB does not realign.) Relocate one KC-135 squadron currently located at Fairchild AFB to MacDill AFB. Operational concerns: breaks up Northwest Super-Tanker base lowering synergism of Super-Tanker Wing concept. Moves Tanker assets away from SIOP tasking area. Creates Command and Control challenges associated with mixed command base violating "One Base, One Wing, One Boss" concept which was cornerstone of USAF reorganization for the Post Cold War era.

Close Minot AFB. Inactivate the Missile Group. Relocate the B-52s to Beale AFB. Operational concerns: uncertainty surrounding ability to re-introduce nuclear weapons into California and need to build a weapons storage facility at Beale AFB.

Close Minot AFB. Inactivate Missile Group. Relocate the B-52s to Ellsworth. Relocate the B-1s on Ellsworth AFB to Mountain Home AFB (2 PAA), McConnell AFB (2 PAA), Robins AFB (2 PAA), and Dyess AFB (6 PAA). Operational concerns: **non-START compliant (worksheets not provided)**. This option does not relocate all 24 B-1s that are programmed for Ellsworth at the end of the FYDP (following bomber buy-back) and co-locating re-rolled B-1s with nuclear declared B-52Hs at Ellsworth violates START. Additionally, B-52Hs cannot accomplish maximum gross weight takeoffs at Ellsworth much of the summer months due to excessive pressure/density altitude of Ellsworth AFB.

Close Minot AFB. Inactivate the Missile Group. Relocate the B-52Hs to Barksdale AFB. Operational concerns: overpopulates Barksdale AFB causing operations tempo impacts on airfield movements, range and special use airspace saturation. Additionally, restricts future START type talk flexibility. If AF must de-nuclear capability a portion of our B-52H fleet, those aircraft could not be co-located with aircraft declared nuclear capable. They could also not be co-located with the re-rolled B-1s.

Close Minot AFB. Inactivate the Missile Group. Relocate the B-52s to Grand Forks AFB. Relocate one KC-135 squadron currently located on Grand Forks to MacDill AFB. (Assume Malmstrom AFB does not realign.) Relocate one KC-135 squadron to Malmstrom AFB. Operational concerns: breaks up Northcentral Super-Tanker base lowering synergism of Super-Tanker Wing concept. Moves Tanker assets away from SIOP tasking area. Creates Command and Control challenges associated with mixed command base violating "One Base, One Wing, One Boss" concept which was cornerstone of USAF reorganization for the Post Cold War era.

All of the above concerns were voiced in the Air Force process and should be germane to the Commission in their determinations.



KARL D. RODEFER, Lt Colonel, USAF
XOF Base Closure Officer

Atch
COBRA Worksheets

COORD: XOFM (Maj Johnston)_____

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	5,051	0	0	0	5,051	0
Overhd	174	131	98	0	0	0	403	0
Moving	0	0	403	0	0	0	403	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,000	2,108	0	0	0	6,108	0
TOTAL	2,174	2,131	7,661	0	0	0	11,966	0

Savings (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	17,480	34,961	34,961	34,961	122,363	34,961
Overhd	0	0	1,065	1,065	1,065	1,065	4,259	1,065
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	0	18,545	36,026	36,026	36,026	126,622	36,026

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\00.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

Starting Year : 1996
 Final Year : 1998
 ROI Year : Immediate

NPV in 2015(\$K): -458,250
 1-Time Cost(\$K): 11,966

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	0	-12,429	-34,961	-34,961	-34,961	-117,312	-34,961
Overhd	174	131	-966	-1,065	-1,065	-1,065	-3,855	-1,065
Moving	0	0	403	0	0	0	403	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,000	2,108	0	0	0	6,108	0
TOTAL	2,174	2,131	-10,884	-36,026	-36,026	-36,026	-114,656	-36,026

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	84	0	0	0	84
Enl	0	0	725	0	0	0	725
Civ	0	0	46	0	0	0	46
TOT	0	0	855	0	0	0	855

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

Summary:

COMMISSION REQUESTED: 950482-15
 1. REALIGN MINOT AFB. INACTIVATE THE MISSILE GROUP.

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11 100.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.FINAL.SFF

Year	Cost(\$)	Adjusted Cos (\$)	NPV(\$)
-----	-----	-----	-----
1996	2,174,486	2,145,189	2,145,189
1997	2,130,864	2,045,894	4,191,083
1998	-10,884,399	-10,170,677	-5,979,594
1999	-36,025,637	-32,762,367	-38,741,960
2000	-36,025,637	-31,885,515	-70,627,475
2001	-36,025,637	-31,032,131	-101,659,607
2002	-36,025,637	-30,201,588	-131,861,195
2003	-36,025,637	-29,393,273	-161,254,467
2004	-36,025,637	-28,606,591	-189,861,059
2005	-36,025,637	-27,840,965	-217,702,024
2006	-36,025,637	-27,095,830	-244,797,853
2007	-36,025,637	-26,370,637	-271,168,491
2008	-36,025,637	-25,664,854	-296,833,344
2009	-36,025,637	-24,977,960	-321,811,304
2010	-36,025,637	-24,309,450	-346,120,754
2011	-36,025,637	-23,658,832	-369,779,586
2012	-36,025,637	-23,025,627	-392,805,213
2013	-36,025,637	-22,409,369	-415,214,583
2014	-36,025,637	-21,809,605	-437,024,188
2015	-36,025,637	-21,225,893	-458,250,081

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

(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	72,761	
Civilian Early Retirement	20,989	
Civilian New Hires	0	
Eliminated Military PCS	4,944,653	
Unemployment	12,528	
Total - Personnel		5,050,931
Overhead		
Program Planning Support	403,498	
Mothball / Shutdown	0	
Total - Overhead		403,498
Moving		
Civilian Moving	0	
Civilian PPS	403,200	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		403,200
Other		
HAP / RSE	108,487	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,000,000	
Total - Other		6,108,487
Total One-Time Costs		11,966,117

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		11,966,117

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
Option Package : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\00.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
----- MINOT	0	0	0	0	0
----- Totals:	0	0	0	0	0

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MINI\000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMMEND\FINAL\FINAL.SFF

PERSONNEL SUMMARY FOR: MINOT, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
654	3,962	0	633

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-65	-88	-66	0	0	0	-219
Enlisted	-167	-270	-167	0	0	0	-604
Students	0	0	0	0	0	0	0
Civilians	-2	-137	-3	0	0	0	-142
TOTAL	-234	-495	-236	0	0	0	-965

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
435	3,358	0	491

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-84	0	0	0	-84
Enlisted	0	0	-725	0	0	0	-725
Civilians	0	0	-46	0	0	0	-46
TOTAL	0	0	-855	0	0	0	-855

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
351	2,633	0	445

TOTAL PERSONNEL IMPACT REPORT (OBRA v5.08)
 Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\OBRA\REPORT95\COM-AUDT\MIN' 1000.CBR
 Std Fctrs File : C:\OBRA\REPORT95\RECOMEND\FIN\L\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		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
CIVILIAN POSITIONS ELIMINATED		0	0	46	0	0	0	46
Early Retirement	10.00%	0	0	5	0	0	0	5
Regular Retirement	5.00%	0	0	2	0	0	0	2
Civilian Turnover	15.00%	0	0	7	0	0	0	7
Civs Not Moving (RIFs)*+		0	0	3	0	0	0	3
Priority Placement#	60.00%	0	0	28	0	0	0	28
Civilians Available to Move		0	0	1	0	0	0	1
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	1	0	0	0	1
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	5	0	0	0	5
TOTAL CIVILIAN RIFS		0	0	4	0	0	0	4
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	28	0	0	0	28
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

+ 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 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN 1000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
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	73	0	0	0	73
Civ Retire	0	0	21	0	0	0	21
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	403	0	0	0	403
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	12	0	0	0	12
OTHER							
Program Plan	174	131	38	0	0	0	403
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	4,945	0	0	0	4,945
OTHER							
HAP / RSE	0	0	108	0	0	0	108
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
TOTAL ONE-TIME	2,174	2,131	7,661	0	0	0	11,966

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN 1000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0

TOTAL COST 2,174 2,131 7,651 0 0 0 11,966 0

ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
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	0	0	0	0	0	0	0
OTHER								
Land Sales	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0

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	1,065	1,065	1,065	1,065	4,259	1,065
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	1,073	2,145	2,145	2,145	7,509	2,145
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	3,304	6,608	6,608	6,608	23,128	6,608
Enl Salary	0	0	13,104	26,207	26,207	26,207	91,725	26,207
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	0	0	18,545	36,026	36,026	36,026	126,622	36,026

TOTAL SAVINGS 0 0 18,545 36,026 36,026 36,026 126,622 36,026

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN\1000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FIN\L\FINAL.SFF

ONE-TIME NET -----(\$K)-----	1996 ----	1997 ----	1998 ----	1999 ----	2000 ----	2001 ----	Total -----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	94	0	0	0	94	
Civ Moving	0	0	403	0	0	0	403	
Other	174	131	111	0	0	0	416	
MIL PERSONNEL								
Mil Moving	0	0	4,945	0	0	0	4,945	
OTHER								
HAP / RSE	0	0	108	0	0	0	108	
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	
TOTAL ONE-TIME	2,174	2,131	7,661	0	0	0	11,966	
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	0	0	0	0	0	0
BOS	0	0	-1,065	-1,065	-1,065	-1,065	-4,259	-1,065
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-1,073	-2,145	-2,145	-2,145	-7,509	-2,145
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-16,418	-32,815	-32,815	-32,815	-114,854	-32,815
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	0	0	-18,545	-36,026	-36,026	-36,026	-126,622	-36,026
TOTAL NET COST	2,174	2,131	-10,884	-36,026	-36,026	-36,026	-114,656	-36,026

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
MINOT	-855	-20%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Par	Change	%Change	Chg/Per
MINOT	0	0%	0	-1,064,693	-11%	1,245

Base	RPMABOS(\$)		
	Change	%Change	Chg/Par
MINOT	-1,064,693	-9%	1,245

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FIN#L\FINAL.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	0	-1,065	-1,065	-1,065	-1,065	-4,259	-1,065
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-1,065	-1,065	-1,065	-1,065	-4,259	-1,065

INPUT DATA REPORT (COBRA v5.08)
Data As Of 06:49 05/04/1995, Report Created 06:49 05/04/1995

Department : Air Force
Option Package : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1000.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name : Strategy:

MINOT, ND : Realignment

Summary:

COMMISSION REQUESTED: 950482-15
1. REALIGN MINOT AFB. INACTIVATE THE MISSILE GROUP.

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MINOT, ND

Total Officer Employees:	654	RPMA Non-Payroll (\$K/Year):	2,305
Total Enlisted Employees:	3,962	Communications (\$K/Year):	805
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	10,712
Total Civilian Employees:	633	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	12,840
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	7,715	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF061
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	71	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MINOT, 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	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(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	33%	33%	34%	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MINOT, ND	1996	1997	998	1999	2000	2001
Off Force Struc Change:	-65	-88	-66	0	0	0
Enl Force Struc Change:	-167	-270	-167	0	0	0
Civ Force Struc Change:	-2	-137	-3	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-84	0	0	0
Enl Scenario Change:	0	0	725	0	0	0
Civ Scenario Change:	0	0	-46	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

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 Mecian 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 BIOH 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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1\000.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL\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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MINI 001.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Starting Year : 1996
 Final Year : 1998
 ROI Year : 2000 (2 Years)

NPV in 2015(\$K): -982,699
 1-Time Cost(\$K): 174,164

	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	12,064	108,576	0	0	0	0	120,640	0
Person	0	3,413	-20,526	-70,312	-70,312	-70,312	-228,051	-70,312
Overhd	1,727	-719	-6,424	-17,511	-17,511	-17,511	-57,949	-17,511
Moving	0	9,406	9,400	0	0	0	18,805	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,434	2,640	0	0	0	7,074	0
TOTAL	15,791	123,109	-14,910	-87,823	-87,823	-87,823	-139,479	-87,823

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	134	0	0	0	134 ✓
Enl	0	0	1,561	0	0	0	1,561 ✓
Civ	0	0	227	0	0	0	227 ✓
TOT	0	0	1,922	0	0	0	1,922 ✓

POSITIONS REALIGNED							
Off	0	334	118	0	0	0	452
Enl	0	1,665	831	0	0	0	2,496
Stu	0	0	0	0	0	0	0
Civ	0	55	233	0	0	0	288
TOT	0	2,054	1,182	0	0	0	3,236

Summary:

COMMISSION REQUEST: 950482-15
 2. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B-52s TO FAIRCHILD AFB. RELOCATE ONE KC-135 SQUADRON FROM FAIRCHILD TO MALMSTROM. RELOCATE ONE KC-135 SQUADRON FROM FAIRCHILD TO MACDILL.

Relocate

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11-01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	12,064	108,576	0	0	0	0	120,640	0
Person	0	5,352	20,190	9,182	9,182	9,182	53,088	9,182
Overhd	4,202	6,720	10,805	7,034	7,034	7,034	42,828	7,034
Moving	0	12,544	10,890	0	0	0	23,434	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,434	2,640	0	0	0	7,074	0
TOTAL	18,266	135,626	44,525	16,216	16,216	16,216	247,065	16,216

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	1,938	40,716	79,495	79,495	79,495	281,139	79,495
Overhd	2,474	7,440	17,229	24,545	24,545	24,545	100,777	24,545
Moving	0	3,138	1,490	0	0	0	4,628	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	2,474	12,516	59,435	104,039	104,039	104,039	386,544	104,039

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11101.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	15,791,185	15,578,434	15,578,434
1997	123,109,486	118,200,352	133,778,787
1998	-14,910,345	-13,932,630	119,846,157
1999	-87,823,301	-79,868,099	39,978,057
2000	-87,823,301	-77,730,510	-37,752,453
2001	-87,823,301	-75,650,132	-113,402,585
2002	-87,823,301	-73,625,432	-187,028,018
2003	-87,823,301	-71,654,922	-258,682,940
2004	-87,823,301	-69,737,150	-328,420,090
2005	-87,823,301	-67,870,706	-396,290,796
2006	-87,823,301	-66,054,215	-462,345,011
2007	-87,823,301	-64,286,341	-526,631,352
2008	-87,823,301	-62,565,782	-589,197,134
2009	-87,823,301	-60,891,272	-650,088,406
2010	-87,823,301	-59,261,578	-709,349,984
2011	-87,823,301	-57,675,502	-767,025,486
2012	-87,823,301	-56,131,875	-823,157,362
2013	-87,823,301	-54,629,562	-877,786,924
2014	-87,823,301	-53,167,457	-930,954,382
2015	-87,823,301	-51,744,484	-982,698,866

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MINT\001.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	120,640,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		120,640,000
Personnel		
Civilian RIF	563,902	
Civilian Early Retirement	218,284	
Civilian New Hires	0	
Eliminated Military PCS	10,217,949	
Unemployment	97,092	
Total - Personnel		11,097,227
Overhead		
Program Planning Support	2,275,417	
Mothball / Shutdown	9,643,750	
Total - Overhead		11,919,167
Moving		
Civilian Moving	5,510,431	
Civilian PPS	1,958,400	
Military Moving	13,902,890	
Freight	2,062,220	
One-Time Moving Costs	0	
Total - Moving		23,433,941
Other		
HAP / RSE	1,074,169	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,000,000	
Total - Other		7,074,169
Total One-Time Costs		174,164,504

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	4,628,360	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		4,628,360
Total Net One-Time Costs		169,536,144

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
Option Package : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
MINOT	0	0	0	0	0
FAIRCHILD	110,230	0	0	0	110,230
MALMSTROM	0	0	0	0	0
BASE X	0	0	0	0	0
MACDILL	10,410	0	0	0	10,410
-----	-----	-----	-----	-----	-----
Totals:	120,640	0	0	0	120,640

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MINI\001.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL SUMMARY FOR: MINOT, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
654	3,962	0	633

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-65	-88	-66	0	0	0	-219
Enlisted	-167	-270	-167	0	0	0	-604
Students	0	0	0	0	0	0	0
Civilians	-2	-137	-3	0	0	0	-142
TOTAL	-234	-495	-236	0	0	0	-965

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
435	3,358	0	491

PERSONNEL REALIGNMENTS:

To Base: FAIRCHILD, WA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	178	0	0	0	0	178
Enlisted	0	820	0	0	0	0	820
Students	0	0	0	0	0	0	0
Civilians	0	28	0	0	0	0	28
TOTAL	0	1,026	0	0	0	0	1,026

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	118	0	0	0	118
Enlisted	0	0	831	0	0	0	831
Students	0	0	0	0	0	0	0
Civilians	0	0	233	0	0	0	233
TOTAL	0	0	1,182	0	0	0	1,182

To Base: MACDILL, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	5	0	0	0	0	5
Enlisted	0	146	0	0	0	0	146
Students	0	0	0	0	0	0	0
Civilians	0	3	0	0	0	0	3
TOTAL	0	154	0	0	0	0	154

TOTAL PERSONNEL REALIGNMENTS (Out of MINOT, ND):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	183	118	0	0	0	301
Enlisted	0	966	831	0	0	0	1,797
Students	0	0	0	0	0	0	0
Civilians	0	31	233	0	0	0	264
TOTAL	0	1,180	1,182	0	0	0	2,362

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-134	0	0	0	-134
Enlisted	0	0	-1,561	0	0	0	-1,561
Civilians	0	0	-227	0	0	0	-227
TOTAL	0	0	-1,922	0	0	0	-1,922

PERSONNEL SUMMARY REPORT (COBRA v5 08) - Page 2
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: FAIRCHILD, WA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
720	3,973	0	532

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	37	0	0	0	0	37
Enlisted	0	87	0	0	0	0	87
Students	0	0	0	0	0	0	0
Civilians	0	174	0	0	0	0	174
TOTAL	0	298	0	0	0	0	298

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
757	4,060	0	706

PERSONNEL REALIGNMENTS:

To Base: MALMSTROM, MT

	1996	1997	1998	1999	2000	2001	Total
Officers	0	61	0	0	0	0	61
Enlisted	0	253	0	0	0	0	253
Students	0	0	0	0	0	0	0
Civilians	0	7	0	0	0	0	7
TOTAL	0	321	0	0	0	0	321

To Base: MACDILL, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	90	0	0	0	0	90
Enlisted	0	446	0	0	0	0	446
Students	0	0	0	0	0	0	0
Civilians	0	17	0	0	0	0	17
TOTAL	0	553	0	0	0	0	553

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	178	0	0	0	0	178
Enlisted	0	820	0	0	0	0	820
Students	0	0	0	0	0	0	0
Civilians	0	28	0	0	0	0	28
TOTAL	0	1,026	0	0	0	0	1,026

TOTAL PERSONNEL REALIGNMENTS (Out of FAIRCHILD, WA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	151	0	0	0	0	151
Enlisted	0	699	0	0	0	0	699
Students	0	0	0	0	0	0	0
Civilians	0	24	0	0	0	0	24
TOTAL	0	874	0	0	0	0	874

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11001.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

TOTAL PERSONNEL REALIGNMENTS (Into FAIRCHILD, WA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	178	0	0	0	0	178
Enlisted	0	820	0	0	0	0	820
Students	0	0	0	0	0	0	0
Civilians	0	28	0	0	0	0	28
TOTAL	0	1,026	0	0	0	0	1,026

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
784	4,181	0	710

PERSONNEL SUMMARY FOR: MALMSTROM, MT

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
613	3,578	0	431

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-3	0	0	0	0	-3
Enlisted	0	4	0	0	0	0	4
Students	0	0	0	0	0	0	0
Civilians	0	-21	0	0	0	0	-21
TOTAL	0	-20	0	0	0	0	-20

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
610	3,582	0	410

PERSONNEL REALIGNMENTS:
 From Base: FAIRCHILD, WA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	61	0	0	0	0	61
Enlisted	0	253	0	0	0	0	253
Students	0	0	0	0	0	0	0
Civilians	0	7	0	0	0	0	7
TOTAL	0	321	0	0	0	0	321

TOTAL PERSONNEL REALIGNMENTS (Into MALMSTROM, MT):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	61	0	0	0	0	61
Enlisted	0	253	0	0	0	0	253
Students	0	0	0	0	0	0	0
Civilians	0	7	0	0	0	0	7
TOTAL	0	321	0	0	0	0	321

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
671	3,835	0	417

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1\001.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL REALIGNMENTS:

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	118	0	0	0	118
Enlisted	0	0	831	0	0	0	831
Students	0	0	0	0	0	0	0
Civilians	0	0	233	0	0	0	233
TOTAL	0	0	1,182	0	0	0	1,182

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	118	0	0	0	118
Enlisted	0	0	831	0	0	0	831
Students	0	0	0	0	0	0	0
Civilians	0	0	233	0	0	0	233
TOTAL	0	0	1,182	0	0	0	1,182

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
854	4,094	0	11,688

PERSONNEL SUMMARY FOR: MACDILL, FL

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
516	1,911	0	841

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-1	0	0	0	0	-1
Enlisted	0	1	0	0	0	0	1
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
515	1,912	0	841

PERSONNEL REALIGNMENTS:

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	5	0	0	0	0	5
Enlisted	0	146	0	0	0	0	146
Students	0	0	0	0	0	0	0
Civilians	0	3	0	0	0	0	3
TOTAL	0	154	0	0	0	0	154

From Base: FAIRCHILD, WA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	90	0	0	0	0	90
Enlisted	0	446	0	0	0	0	446
Students	0	0	0	0	0	0	0
Civilians	0	17	0	0	0	0	17
TOTAL	0	553	0	0	0	0	553

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11101.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

TOTAL PERSONNEL REALIGNMENTS (Into MACDILL, FL):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	95	0	(	0	0	95
Enlisted	0	592	0	(	0	0	592
Students	0	0	0	(	0	0	0
Civilians	0	20	0	(	0	0	20
TOTAL	0	707	0	(	0	0	707

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
610	2,504	0	861

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	12,064	108,576	0	0	0	0	120,640
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	54	509	0	0	0	564
Civ Retire	0	25	193	0	0	0	218
CIV MOVING							
Per Diem	0	102	351	0	0	0	461
POV Miles	0	9	21	0	0	0	38
Home Purch	0	410	1,790	0	0	0	2,200
HHG	0	260	1,095	0	0	0	1,355
Misc	0	25	111	0	0	0	136
House Hunt	0	95	317	0	0	0	412
PPS	0	0	1,958	0	0	0	1,958
RITA	0	180	725	0	0	0	909
FREIGHT							
Packing	0	506	275	0	0	0	781
Freight	0	1,254	27	0	0	0	1,281
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	9	88	0	0	0	97
OTHER							
Program Plan	1,019	764	492	0	0	0	2,275
Shutdown	3,182	3,182	3,279	0	0	0	9,644
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	683	187	0	0	0	870
POV Miles	0	516	171	0	0	0	686
HHG	0	7,106	3,177	0	0	0	10,283
Misc	0	1,399	664	0	0	0	2,063
OTHER							
Elim PCS	0	0	10,218	0	0	0	10,218
OTHER							
HAP / RSE	0	434	640	0	0	0	1,074
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
TOTAL ONE-TIME	18,266	127,590	28,309	0	0	0	174,164

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.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	96	96	96	96	385	96
BOS	0	2,773	2,938	2,938	2,938	2,938	14,524	2,938
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	5,263	9,182	9,182	9,182	9,182	41,991	9,182
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	4,000	4,000	4,000	4,000	16,000	4,000
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	8,036	16,216	16,216	16,216	16,216	72,900	16,216
TOTAL COST	18,266	135,626	44,525	16,216	16,216	16,216	247,065	16,216
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	3,138	1,490	0	0	0	4,628	
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	3,138	1,490	0	0	0	4,628	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	2,118	6,356	10,657	12,840	12,840	12,840	57,652	12,840
O&M								
RPMA	356	1,084	1,861	2,305	2,305	2,305	10,216	2,305
BOS	0	0	4,710	9,400	9,400	9,400	32,909	9,400
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	5,294	10,588	10,588	10,588	37,057	10,588
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	28,213	56,427	56,427	56,427	197,494	56,427
House Allow	0	1,938	1,938	1,938	1,938	1,938	9,692	1,938
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	2,474	9,378	57,945	104,039	104,039	104,039	381,916	104,039
TOTAL SAVINGS	2,474	12,516	59,435	104,039	104,039	104,039	386,544	104,039

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	12,064	108,576	0	0	0	0	120,640	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	80	702	0	0	0	782	
Civ Moving	0	2,841	6,690	0	0	0	9,531	
Other	4,202	3,956	3,858	0	0	0	12,016	
MIL PERSONNEL								
Mil Moving	0	6,565	12,928	0	0	0	19,492	
OTHER								
HAP / RSE	0	434	640	0	0	0	1,074	
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	
TOTAL ONE-TIME	18,266	124,451	26,819	0	0	0	169,536	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	-2,118	-6,356	-10,657	-12,840	-12,840	-12,840	-57,652	-12,840
O&M								
RPMA	-356	-1,084	-1,765	-2,209	-2,209	-2,209	-9,832	-2,209
BOS	0	2,773	-1,772	-6,462	-6,462	-6,462	-18,384	-6,462
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-5,294	-10,588	-10,588	-10,588	-37,057	-10,588
CHAMPUS								
MIL PERSONNEL	0	0	0	0	0	0	0	0
Mil Salary	0	0	-33,484	-66,968	-66,968	-66,968	-234,390	-66,968
House Allow	0	3,324	7,244	7,244	7,244	7,244	32,299	7,244
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	4,000	4,000	4,000	4,000	16,000	4,000
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-2,474	-1,342	-41,729	-87,823	-87,823	-87,823	-309,016	-87,823
TOTAL NET COST	15,791	123,109	-14,910	-87,823	-87,823	-87,823	-139,479	-87,823

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
MINOT	-4,284	-100%	-7,715,000	-100%	1,801
FAIRCHILD	152	3%	193,630	3%	1,274
MALMSTROM	321	7%	0	0%	0
BASE X	1,182	8%	0	0%	0
MACDILL	707	22%	39,900	1%	56

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
MINOT	-2,305,000	-100%	538	-9,399,662	-100%	2,194
FAIRCHILD	74,033	3%	487	153,112	1%	1,007
MALMSTROM	0	0%	0	479,532	4%	1,494
BASE X	0	0%	0	1,010,483	4%	855
MACDILL	22,124	1%	31	1,294,671	11%	1,831

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
MINOT	-11,704,662	-104%	2,732
FAIRCHILD	227,145	2%	1,494
MALMSTROM	479,532	3%	1,494
BASE X	1,010,483	3%	855
MACDILL	1,316,795	9%	1,862

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 06:53 05/04/1995, Report Created 06:54 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-356	-1,084	-1,765	-2,209	-2,209	-2,209	-9,832	-2,209
BOS Change	0	2,773	-1,772	-6,462	-6,462	-6,462	-18,384	-6,462
Housing Change	-2,119	-6,356	-10,657	-12,840	-12,840	-12,840	-57,652	-12,840
TOTAL CHANGES	-2,474	-4,666	-14,195	-21,511	-21,511	-21,511	-85,868	-21,511

INPUT DATA REPORT (COBRA v3.08)
 Data As Of 06:53 05/04/1995, Report Created 06:53 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.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:
-----	-----
MINOT, ND	Closes in FY 1998
FAIRCHILD, WA	Realignment
MALMSTROM, MT	Realignment
BASE X	Realignment
MACDILL, FL	Realignment

Summary:

 COMMISSION REQUEST: 950482-15
 2. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B-52s TO FAIRCHILD AFB. RELACTE ONE KC-135 SQUADRON FROM FAIRCHILD TO MALMSTROM. RELOCATE ONE KC-135 SQUADRON FROM FAIRCHILD TO MACDILL.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
MINOT, ND	FAIRCHILD, WA	934 mi
MINOT, ND	BASE X	1,000 mi
MINOT, ND	MACDILL, FL	2,066 mi
FAIRCHILD, WA	MALMSTROM, MT	382 mi
FAIRCHILD, WA	MACDILL, FL	2,800 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MINOT, ND to FAIRCHILD, WA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	178	0	0	0	0
Enlisted Positions:	0	820	0	0	0	0
Civilian Positions:	0	20	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	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from MINOT, ND to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	113	0	0	0
Enlisted Positions:	0	0	833	0	0	0
Civilian Positions:	0	0	233	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11J01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MINOT, ND to MACDILL, FL

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	5	0	0	0	0
Enlisted Positions:	0	146	0	0	0	0
Civilian Positions:	0	3	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	100	0	0	0	0
Suppt Eqpt (tons):	0	50	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from FAIRCHILD, WA to MALMSTROM, MT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	61	0	0	0	0
Enlisted Positions:	0	253	0	0	0	0
Civilian Positions:	0	7	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

Transfers from FAIRCHILD, WA to MACDILL, FL

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	90	0	0	0	0
Enlisted Positions:	0	446	0	0	0	0
Civilian Positions:	0	17	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: MINOT, ND

Total Officer Employees:	654	RPMA Non-Payroll (\$K/Year):	2,305
Total Enlisted Employees:	3,962	Communications (\$K/Year):	805
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	10,712
Total Civilian Employees:	633	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	12,840
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	7,715	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF061
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	71	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11001.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: FAIRCHILD, WA

Total Officer Employees:	720	RPMA Non-Payroll (\$K/Year):	2,555
Total Enlisted Employees:	3,973	Communications (\$K/Year):	1,142
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	8,666
Total Civilian Employees:	532	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	47.0%	Family Housing (\$K/Year):	5,660
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.11
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,208	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	127	Activity Code:	AF025
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	85	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: MALMSTROM, MT

Total Officer Employees:	613	RPMA Non-Payroll (\$K/Year):	2,157
Total Enlisted Employees:	3,578	Communications (\$K/Year):	796
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,192
Total Civilian Employees:	431	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	6,700
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):	4,481	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF053
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	77	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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

(See final page for Explanatory Notes)

Department : Air Force
 Option Package : Commission Request
 Scenario file : C:\COBRA\REPORT95\COM-AUDT\MIN11001.CBR
 Std Fcrls file : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MINOT, ND												
Year	1996	1997	1998	1999	2000	2001	1-Time Unique Cost (\$K)	1-Time Unique Save (\$K)	1-Time Moving Cost (\$K)	1-Time Moving Save (\$K)	Env Non-MilCon Reqrd(\$K)	Activ Mission Cost (\$K)
1996	2,000	2,000	2,000	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	33%	33%	33%	0%	0%	0%	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	100%	0%	0%	0%	0%	0%	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	33%	33%	33%	0%	0%	0%	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	7,715	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0	0

1996	0	0	0									

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

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	Perc Family Housing ShutDown:				0.0%

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	4,000	4,000	4,000	4,000
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: MINOT, ND

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-65	-88	-65	0	0	0
Enl Force Struc Change:	-167	-270	-167	0	0	0
Civ Force Struc Change:	-2	-137	-2	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-137	0	0	0
Enl Scenario Change:	0	0	-1,561	0	0	0
Civ Scenario Change:	0	0	-22	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FAIRCHILD, WA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	37	0	0	0	0
Enl Force Struc Change:	0	87	0	0	0	0
Civ Force Struc Change:	0	174	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: MALMSTROM, MT

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-3	0	0	0	0
Enl Force Struc Change:	0	4	0	0	0	0
Civ Force Struc Change:	0	-21	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: MACDILL, FL

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-1	0	0	0	0
Enl Force Struc Change:	0	1	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

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FAIRCHILD, WA

Description	Categ	New MilCon	Renab MilCon	Total Cost(\$K)
Maintenance	OTHER	12,500	0	2,270
Munitions	OTHER	123,930	0	26,870
POL Hydrants	OTHER	0	0	19,100
Ops and Training	OTHER	27,000	0	7,280
Other	OTHER	3,000	0	29,340
Utilities	OTHER	0	0	3,000
Dorm	BACHQ	27,200	0	4,080
BOS	OTHER	0	0	9,190
Planning	OTHER	0	0	9,100

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11001.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MACDILL, FL

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Pavements	OTHER	0	0	1,550
Maint	OTHER	23,400	0	4,000
Flt Sim	OTHER	16,500	0	3,130
Bos	OTHER	0	0	870
P&D	OTHER	0	0	860

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 SIH 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: 3.10% 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 PPS(\$/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 Inl PCS Cost(\$):	5,761.00

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\01.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			

EXPLANATORY NOTES (INPUT SCREEN NINE)

4. Base line population changed from 653/3942/567 to 654/3962/633 to reflect 1/20/66 tenants.

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Starting Year : 1996
 Final Year : 1998
 ROI Year : 2000 (2 Years)

NPV in 2015(\$K):-1,066,104
 1-Time Cost(\$K): 230,362

Net Costs (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	18,125	163,125	0	0	0	0	181,250	0
Person	0	3,362	-23,141	-76,719	-76,719	-76,719	-249,936	-76,719
Overhd	1,618	-1,969	-10,771	-21,507	-21,507	-21,507	-75,645	-21,507
Moving	0	6,797	8,879	0	0	0	15,676	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,123	2,640	0	0	0	6,763	0
TOTAL	21,743	173,439	-22,392	-98,227	-98,227	-98,227	-121,891	-98,227

	1996	1997	1998	1999	2000	2001	Total
	----	----	----	----	----	----	----
POSITIONS ELIMINATED							
Off	0	0	139	0	0	0	139
Enl	0	0	1,707	0	0	0	1,707
Civ	0	0	230	0	0	0	230
TOT	0	0	2,076	0	0	0	2,076

	1996	1997	1998	1999	2000	2001	Total
	----	----	----	----	----	----	----
POSITIONS REALIGNED							
Off	0	169	127	0	0	0	296
Enl	0	984	667	0	0	0	1,651
Stu	0	0	0	0	0	0	0
Civ	0	31	230	0	0	0	261
TOT	0	1,184	1,024	0	0	0	2,208

Summary:

COMMISSION REQUEST: 950482-15
 3. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B52s TO
 BEAR AFB.

~~NOT ON~~
 THIS SCENARIO

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11C04.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	18,125	163,125	0	0	0	0	181,250	0
Person	0	5,301	20,481	8,586	8,586	8,586	51,541	8,586
Overhd	4,092	5,471	6,808	3,037	3,037	3,037	25,482	3,037
Moving	0	8,607	10,126	0	0	0	18,733	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,123	2,640	0	0	0	6,763	0
TOTAL	24,217	184,627	40,055	11,623	11,623	11,623	283,769	11,623

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	1,938	43,622	85,305	85,305	85,305	301,477	85,305
Overhd	2,474	7,440	17,578	24,545	24,545	24,545	101,127	24,545
Moving	0	1,810	1,246	0	0	0	3,057	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	2,474	11,188	62,447	109,850	109,850	109,850	405,660	109,850

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\04.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	21,742,601	21,449,668	21,449,668
1997	173,438,618	166,522,553	187,972,221
1998	-22,392,040	-20,923,728	167,048,493
1999	-98,226,857	-89,329,281	77,719,211
2000	-98,226,857	-86,938,473	-9,219,262
2001	-98,226,857	-84,611,653	-93,830,915
2002	-98,226,857	-82,347,107	-176,178,023
2003	-98,226,857	-80,143,170	-256,321,193
2004	-98,226,857	-77,998,219	-334,319,413
2005	-98,226,857	-75,910,676	-410,230,088
2006	-98,226,857	-73,879,003	-484,109,092
2007	-98,226,857	-71,901,706	-556,010,798
2008	-98,226,857	-69,977,330	-625,988,128
2009	-98,226,857	-68,104,457	-694,092,585
2010	-98,226,857	-66,281,710	-760,374,295
2011	-98,226,857	-64,507,747	-824,882,042
2012	-98,226,857	-62,781,262	-887,663,304
2013	-98,226,857	-61,100,985	-948,764,289
2014	-98,226,857	-59,465,679	-1,008,229,969
2015	-98,226,857	-57,874,140	-1,066,104,109

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN110\4.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.BFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	162,040,000	
Family Housing Construction	19,210,000	
Information Management Account	0	
Land Purchases	0	
Total - Construction		181,250,000
Personnel		
Civilian RIF	545,711	
Civilian Early Retirement	205,691	
Civilian New Hires	0	
Eliminated Military PCS	11,104,765	
Unemployment	93,960	
Total - Personnel		11,950,128
Overhead		
Program Planning Support	2,021,739	
Mothball / Shutdown	9,643,750	
Total - Overhead		11,665,489
Moving		
Civilian Moving	4,903,174	
Civilian PPS	1,987,200	
Military Moving	9,198,803	
Freight	2,643,518	
One-Time Moving Costs	0	
Total - Moving		18,732,696
Other		
HAP / RSE	763,471	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,000,000	
Total - Other		6,763,471
Total One-Time Costs		230,361,784

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	3,056,790	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		3,056,790
Total Net One-Time Costs		227,304,994

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
Option Package : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\04.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
MINOT	0	0	0	0	0
BASE X	0	0	0	0	0
BEALE	181,250	0	0	0	181,250
-----	-----	-----	-----	-----	-----
Totals:	181,250	0	0	0	181,250

PERSONNEL SUMMARY REPORT (COBIA v5.08)
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11104.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

PERSONNEL SUMMARY FOR: MINOT, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
654	3,962	0	633

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-65	-88	-66	0	0	0	-219
Enlisted	-167	-270	-167	0	0	0	-604
Students	0	0	0	0	0	0	0
Civilians	-2	-137	-3	0	0	0	-142
TOTAL	-234	-495	-236	0	0	0	-965

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
435	3,358	0	491

PERSONNEL REALIGNMENTS:

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	127	0	0	0	127
Enlisted	0	0	667	0	0	0	667
Students	0	0	0	0	0	0	0
Civilians	0	0	230	0	0	0	230
TOTAL	0	0	1,024	0	0	0	1,024

To Base: BEALE, CA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	169	0	0	0	0	169
Enlisted	0	984	0	0	0	0	984
Students	0	0	0	0	0	0	0
Civilians	0	31	0	0	0	0	31
TOTAL	0	1,184	0	0	0	0	1,184

TOTAL PERSONNEL REALIGNMENTS (Out of MINOT, ND):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	169	127	0	0	0	296
Enlisted	0	984	667	0	0	0	1,651
Students	0	0	0	0	0	0	0
Civilians	0	31	230	0	0	0	261
TOTAL	0	1,184	1,024	0	0	0	2,208

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-139	0	0	0	-139
Enlisted	0	0	-1,707	0	0	0	-1,707
Civilians	0	0	-230	0	0	0	-230
TOTAL	0	0	-2,076	0	0	0	-2,076

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\04.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\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: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	127	0	0	0	127
Enlisted	0	0	667	0	0	0	667
Students	0	0	0	0	0	0	0
Civilians	0	0	230	0	0	0	230
TOTAL	0	0	1,024	0	0	0	1,024

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	127	0	0	0	127
Enlisted	0	0	667	0	0	0	667
Students	0	0	0	0	0	0	0
Civilians	0	0	230	0	0	0	230
TOTAL	0	0	1,024	0	0	0	1,024

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
863	3,930	0	11,685

PERSONNEL SUMMARY FOR: BEALE, CA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
392	2,750	0	435

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	9	0	0	0	0	9
Enlisted	0	177	0	0	0	0	177
Students	0	0	0	0	0	0	0
Civilians	0	-78	0	0	0	0	-78
TOTAL	0	108	0	0	0	0	108

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
401	2,927	0	357

PERSONNEL REALIGNMENTS:

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	169	0	0	0	0	169
Enlisted	0	984	0	0	0	0	984
Students	0	0	0	0	0	0	0
Civilians	0	31	0	0	0	0	31
TOTAL	0	1,184	0	0	0	0	1,184

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\04.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

TOTAL PERSONNEL REALIGNMENTS (Into BEALE, CA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	169	0	0	0	0	169
Enlisted	0	984	0	0	0	0	984
Students	0	0	0	0	0	0	0
Civilians	0	31	0	0	0	0	31
TOTAL	0	1,184	0	0	0	0	1,184

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
570	3,911	0	388

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1\004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINA...SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	31	230	0	0	0	261
Early Retirement*	10.00%	0	3	23	0	0	0	26
Regular Retirement*	5.00%	0	2	12	0	0	0	14
Civilian Turnover*	15.00%	0	5	35	0	0	0	40
Civs Not Moving (RIFs)*+		0	2	14	0	0	0	16
Civilians Moving (the remainder)		0	19	146	0	0	0	165
Civilian Positions Available		0	12	84	0	0	0	96
CIVILIAN POSITIONS ELIMINATED		0	0	230	0	0	0	230
Early Retirement	10.00%	0	0	23	0	0	0	23
Regular Retirement	5.00%	0	0	12	0	0	0	12
Civilian Turnover	15.00%	0	0	35	0	0	0	35
Civs Not Moving (RIFs)*+		0	0	14	0	0	0	14
Priority Placement#	60.00%	0	0	138	0	0	0	138
Civilians Available to Move		0	0	8	0	0	0	8
Civilians Moving		0	0	8	0	0	0	8
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	31	230	0	0	0	261
Civilians Moving		0	19	154	0	0	0	173
New Civilians Hired		0	12	76	0	0	0	88
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	3	46	0	0	0	49
TOTAL CIVILIAN RIFs		0	2	28	0	0	0	30
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	138	0	0	0	138
TOTAL CIVILIAN NEW HIRES		0	12	76	0	0	0	88

* 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 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996 -----	1997 -----	1998 -----	1999 -----	2000 -----	2001 -----	Total -----
CONSTRUCTION							
MILCON	16,204	145,836	0	0	0	0	162,040
Fam Housing	1,921	17,289	0	0	0	0	19,210
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	36	508	0	0	0	546
Civ Retire	0	12	193	0	0	0	206
CIV MOVING							
Per Diem	0	50	348	0	0	0	399
POV Miles	0	5	28	0	0	0	33
Home Purch	0	232	1,745	0	0	0	1,977
HHG	0	138	1,067	0	0	0	1,206
Misc	0	13	108	0	0	0	121
House Hunt	0	49	309	0	0	0	358
PPS	0	0	1,987	0	0	0	1,987
RITA	0	98	711	0	0	0	809
FREIGHT							
Packing	0	291	235	0	0	0	527
Freight	0	637	23	0	0	0	661
Vehicles	0	1,243	0	0	0	0	1,243
Driving	0	213	0	0	0	0	213
Unemployment	0	6	88	0	0	0	94
OTHER							
Program Plan	874	656	492	0	0	0	2,022
Shutdown	3,182	3,182	3,279	0	0	0	9,644
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	394	156	0	0	0	551
POV Miles	0	327	143	0	0	0	469
HHG	0	4,108	2,707	0	0	0	6,816
Misc	0	807	556	0	0	0	1,363
OTHER							
Elim PCS	0	0	11,105	0	0	0	11,105
OTHER							
HAP / RSE	0	123	640	0	0	0	763
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
TOTAL ONE-TIME	24,182	177,748	28,431	0	0	0	230,362

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	35	377	684	684	684	684	3,148	684
O&M								
RPMA	0	0	220	220	220	220	881	220
BOS	0	1,255	2,133	2,133	2,133	2,133	9,787	2,133
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	5,246	8,586	8,586	8,586	8,586	39,591	8,586
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	35	6,878	11,623	11,623	11,623	11,623	53,407	11,623
TOTAL COST	24,217	184,627	40,053	11,623	11,623	11,623	283,769	11,623
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	1,810	1,246	0	0	0	3,057	
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	1,810	1,246	0	0	0	3,057	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	2,118	6,356	10,657	12,840	12,840	12,840	57,652	12,840
O&M								
RPMA	356	1,084	1,861	2,305	2,305	2,305	10,216	2,305
BOS	0	0	5,060	9,400	9,400	9,400	33,259	9,400
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	5,364	10,728	10,728	10,728	37,547	10,728
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	5,467	10,935	10,935	10,935	38,272	10,935
Enl Salary	0	0	30,852	61,705	61,705	61,705	215,966	61,705
House Allow	0	1,938	1,938	1,938	1,938	1,938	9,692	1,938
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	2,474	9,378	61,200	109,850	109,850	109,850	402,603	109,850
TOTAL SAVINGS	2,474	11,188	62,447	109,850	109,850	109,850	405,660	109,850

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11104.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	16,204	145,836		0	0	0	162,040	
Fam Housing	1,921	17,289		0	0	0	19,210	
O&M								
Civ Retir/RIF	0	49	702	0	0	0	751	
Civ Moving	0	2,970	6,563	0	0	0	9,534	
Other	4,057	3,844	3,853	0	0	0	11,759	
MIL PERSONNEL								
Mil Moving	0	3,826	13,42	0	0	0	17,247	
OTHER								
HAP / RSE	0	123	640	0	0	0	763	
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	
TOTAL ONE-TIME	24,182	175,938	27,185	0	0	0	227,305	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	Total	Beyond
FAM HOUSE OPS	-2,083	-5,978	-9,972	-12,156	-12,156	-12,156	-54,503	-12,156
O&M								
RPMA	-356	-1,084	-1,647	-2,085	-2,085	-2,085	-9,335	-2,085
BOS	0	1,255	-2,927	-7,267	-7,267	-7,267	-23,472	-7,267
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-5,364	-10,728	-10,728	-10,728	-37,547	-10,728
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-36,320	-72,639	-72,639	-72,639	-254,238	-72,639
House Allow	0	3,307	6,648	6,648	6,648	6,648	29,899	6,648
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	-2,439	-2,500	-49,577	-98,227	-98,227	-98,227	-349,196	-98,227
TOTAL NET COST	21,743	173,439	-22,392	-98,227	-98,227	-98,227	-121,891	-98,227

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
MINOT	-4,284	-100%	-7,715,000	-100%	1,801
BASE X	1,024	7%	0	0%	0
BEALE	1,184	32%	599,522	12%	506

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
MINOT	-2,305,000	-100%	538	-9,399,662	-100%	2,194
BASE X	0	0%	0	877,367	4%	857
BEALE	220,316	8%	186	1,255,481	16%	1,060

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
MINOT	-11,704,662	-104%	2,732
BASE X	877,367	3%	857
BEALE	1,475,797	14%	1,246

RPMA/BOS CHANGE REPORT (COBR/ v5.08)
Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
Option Package : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\04.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-356	-1,084	-1,641	-2,085	-2,085	-2,085	-9,335	-2,085
BOS Change	0	1,255	-2,927	-7,267	-7,267	-7,267	-23,472	-7,267
Housing Change	-2,083	-5,978	-9,973	-12,156	-12,156	-12,156	-54,503	-12,156
TOTAL CHANGES	-2,439	-5,807	-14,541	-21,507	-21,507	-21,507	-87,310	-21,507

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 06:57 05/04/1995, Report Created 06:57 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1\004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINA..SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown No

Base Name	Strategy:
-----	-----
MINOT, ND	Closes in FY 1998
BASE X	Realignment
BEALE, CA	Realignment

Summary:

 COMMISSION REQUEST: 950482-15
 3. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B52s TO
 BEAL AFB.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
MINOT, ND	BASE X	1,000 mi
MINOT, ND	BEALE, CA	1,574 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MINOT, ND to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	127	0	0	0
Enlisted Positions:	0	0	637	0	0	0
Civilian Positions:	0	0	230	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 MINOT, ND to BEALE, CA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	169	0	0	0	0
Enlisted Positions:	0	984	0	0	0	0
Civilian Positions:	0	31	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	315	0	0	0	0
Heavy/Special Vehicles:	0	564	0	0	0	0

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11104.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MINOT, ND

Total Officer Employees:	654	RPMA Non-Payroll (\$K/Year):	2,305
Total Enlisted Employees:	3,962	Communications (\$K/Year):	805
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	10,712
Total Civilian Employees:	633	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	12,840
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	7,715	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF061
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	71	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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: BEALE, CA

Total Officer Employees:	392	RPMA Non-Payroll (\$K/Year):	2,679
Total Enlisted Employees:	2,750	Communications (\$K/Year):	1,367
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	6,139
Total Civilian Employees:	435	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	74.0%	Family Housing (\$K/Year):	9,340
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):	5,033	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	110	Activity Code:	AF005
Enlisted VHA (\$/Month):	113		
Per Diem Rate (\$/Day):	76	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.BFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MINOT, 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	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 (%):	33%	33%	33%	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):	7,715	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%

Name: BEALE, 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(%):	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\04.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MINOT, ND

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-65	-88	-66	0	0	0
Enl Force Struc Change:	-167	-270	-167	0	0	0
Civ Force Struc Change:	-2	-137	-3	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-169	0	0	0
Enl Scenario Change:	0	0	-1,767	0	0	0
Civ Scenario Change:	0	0	-200	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 SIX - BASE PERSONNEL INFORMATION

Name: BEALE, CA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	9	0	0	0	0
Enl Force Struc Change:	0	177	0	0	0	0
Civ Force Struc Change:	0	-78	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: BEALE, CA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Maint	OTHER	48,100	0	10,670
Munitions	OTHER	249,400	0	59,170
POL	OTHER	0	0	17,640
Ops & Train	OTHER	33,000	0	9,480
Other	OTHER	78,802	0	22,930
Utilities	OTHER	0	0	7,000
Dorms	BACHQ	32,600	0	5,330
Dining Hall	OTHER	4,500	0	1,480
BOS	OTHER	0	0	13,370
MFH	FAMLQ	116	0	19,210
P&D	OTHER	0	0	14,970

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11004.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.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(\$):	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 S/OH 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
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 : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\04.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

EXPLANATORY NOTES (INPUT SCREEN NINE)

4. Base line population changed from 653/3942/567 to 654/3962/633 to reflect 1/20/66 tenants.

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11015.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.JFF

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

NPV in 2015(\$K):-1,189,126
 1-Time Cost(\$K): 128,922

	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	8,026	72,234	0	0	0	0	80,260	0
Person	0	721	-23,754	-77,362	-77,362	-77,362	-255,121	-77,362
Overhd	1,582	-3,112	-10,763	-22,543	-22,543	-22,543	-79,922	-22,543
Moving	0	4,563	10,659	0	0	0	15,222	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,070	2,694	0	0	0	6,763	0
TOTAL	11,608	76,476	-21,164	-99,906	-99,906	-99,906	-232,797	-99,906

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	139	0	0	0	139 ✓
Enl	0	0	1,707	0	0	0	1,707 ✓
Civ	0	0	230	0	0	0	230 ✓
TOT	0	0	2,076	0	0	0	2,076 ✓

POSITIONS REALIGNED							
Off	0	124	172	0	0	0	296
Enl	0	542	1,109	0	0	0	1,651
Stu	0	0	0	0	0	0	0
Civ	0	16	245	0	0	0	261
TOT	0	682	1,526	0	0	0	2,208

Summary:

COMMISSION REQUEST: 950482-15
 5. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B52's TO BARKSDALE AFB.

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1 005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	8,026	72,234	0	0	0	0	80,260	0
Person	0	2,659	19,868	7,943	7,943	7,943	46,356	7,943
Overhd	4,057	4,328	5,772	2,001	2,001	2,001	20,161	2,001
Moving	0	5,609	12,670	0	0	0	18,279	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,070	2,694	0	0	0	6,763	0
TOTAL	14,083	86,899	41,004	9,944	9,944	9,944	171,820	9,944

Savings (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	1,938	43,622	85,305	85,305	85,305	301,477	85,305
Overhd	2,474	7,440	16,535	24,545	24,545	24,545	100,083	24,545
Moving	0	1,046	2,011	0	0	0	3,057	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	2,474	10,424	62,168	109,850	109,850	109,850	404,617	109,850

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.DFF

Year	Cost(\$)	Adjusted Cost (\$)	NPV(\$)
-----	-----	-----	-----
1996	11,608,227	11,451,832	11,451,832
1997	76,475,787	73,426,826	84,878,058
1998	-21,164,420	-19,776,808	65,101,450
1999	-99,905,617	-90,855,876	-25,754,525
2000	-99,905,617	-88,424,807	-114,178,833
2001	-99,905,617	-86,057,820	-200,236,553
2002	-99,905,617	-83,754,872	-283,991,026
2003	-99,905,617	-81,512,868	-365,503,894
2004	-99,905,617	-79,331,859	-444,835,153
2005	-99,905,617	-77,208,838	-522,043,190
2006	-99,905,617	-75,141,842	-597,184,833
2007	-99,905,617	-73,130,852	-670,315,385
2008	-99,905,617	-71,173,887	-741,488,672
2009	-99,905,617	-69,268,806	-810,757,078
2010	-99,905,617	-67,414,807	-878,171,585
2011	-99,905,617	-65,610,826	-943,781,811
2012	-99,905,617	-63,854,834	-1,007,636,045
2013	-99,905,617	-62,145,840	-1,069,781,285
2014	-99,905,617	-60,481,885	-1,130,263,270
2015	-99,905,617	-58,863,846	-1,189,126,517

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	80,260,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		80,260,000
Personnel		
Civilian RIF	545,711	
Civilian Early Retirement	209,889	
Civilian New Hires	0	
Eliminated Military PCS	11,104,765	
Unemployment	93,960	
Total - Personnel		11,954,325
Overhead		
Program Planning Support	2,021,739	
Mothball / Shutdown	9,643,750	
Total - Overhead		11,665,489
Moving		
Civilian Moving	4,888,174	
Civilian PPS	1,987,200	
Military Moving	8,936,433	
Freight	2,467,127	
One-Time Moving Costs	0	
Total - Moving		18,278,935
Other		
HAP / RSE	763,471	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,000,000	
Total - Other		6,763,471
Total One-Time Costs		128,922,221

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	3,056,790	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		3,056,790
Total Net One-Time Costs		125,865,431

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\05.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
MINOT	0	0	0	0	0
BASE X	0	0	0	0	0
BARKSDALE	80,260	0	0	0	80,260
Totals:	80,260	0	0	0	80,260

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL SUMMARY FOR: MINOT, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
654	3,962	0	633

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-65	-88	-66	0	0	0	-219
Enlisted	-167	-270	-167	0	0	0	-604
Students	0	0	0	0	0	0	0
Civilians	-2	-137	-3	0	0	0	-142
TOTAL	-234	-495	-236	0	0	0	-965

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
435	3,358	0	491

PERSONNEL REALIGNMENTS:

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	172	0	0	0	172
Enlisted	0	0	1,109	0	0	0	1,109
Students	0	0	0	0	0	0	0
Civilians	0	0	245	0	0	0	245
TOTAL	0	0	1,526	0	0	0	1,526

To Base: BARKSDALE, LA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	124	0	0	0	0	124
Enlisted	0	542	0	0	0	0	542
Students	0	0	0	0	0	0	0
Civilians	0	16	0	0	0	0	16
TOTAL	0	682	0	0	0	0	682

TOTAL PERSONNEL REALIGNMENTS (Out of MINOT, ND):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	124	172	0	0	0	296
Enlisted	0	542	1,109	0	0	0	1,651
Students	0	0	0	0	0	0	0
Civilians	0	16	245	0	0	0	261
TOTAL	0	682	1,526	0	0	0	2,208

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-139	0	0	0	-139
Enlisted	0	0	-1,707	0	0	0	-1,707
Civilians	0	0	-230	0	0	0	-230
TOTAL	0	0	-2,076	0	0	0	-2,076

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN110J5.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.3FF

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: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	172	0	0	0	172
Enlisted	0	0	1,109	0	0	0	1,109
Students	0	0	0	0	0	0	0
Civilians	0	0	245	0	0	0	245
TOTAL	0	0	1,526	0	0	0	1,526

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	172	0	0	0	172
Enlisted	0	0	1,109	0	0	0	1,109
Students	0	0	0	0	0	0	0
Civilians	0	0	245	0	0	0	245
TOTAL	0	0	1,526	0	0	0	1,526

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
908	4,372	0	11,700

PERSONNEL SUMMARY FOR: BARKSDALE, LA

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
934	4,925	0	1,265

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-18	0	0	0	0	-18
Enlisted	0	-73	0	0	0	0	-73
Students	0	0	0	0	0	0	0
Civilians	0	-110	0	0	0	0	-110
TOTAL	0	-201	0	0	0	0	-201

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
916	4,852	0	1,155

PERSONNEL REALIGNMENTS:

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	124	0	0	0	0	124
Enlisted	0	542	0	0	0	0	542
Students	0	0	0	0	0	0	0
Civilians	0	16	0	0	0	0	16
TOTAL	0	682	0	0	0	0	682

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

TOTAL PERSONNEL REALIGNMENTS (Into BARKSDALE, LA):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	124	0	0	0	0	124
Enlisted	0	542	0	0	0	0	542
Students	0	0	0	0	0	0	0
Civilians	0	16	0	0	0	0	16
TOTAL	0	682	0	0	0	0	682

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,040	5,394	0	1,171

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MINI\005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT								
Early Retirement*	10.00%	0	2	25	0	0	0	27
Regular Retirement*	5.00%	0	1	12	0	0	0	13
Civilian Turnover*	15.00%	0	2	37	0	0	0	39
Civs Not Moving (RIFs)*+		0	1	15	0	0	0	16
Civilians Moving (the remainder)		0	10	156	0	0	0	166
Civilian Positions Available		0	6	89	0	0	0	95
CIVILIAN POSITIONS ELIMINATED								
Early Retirement	10.00%	0	0	23	0	0	0	23
Regular Retirement	5.00%	0	0	12	0	0	0	12
Civilian Turnover	15.00%	0	0	35	0	0	0	35
Civs Not Moving (RIFs)*+		0	0	14	0	0	0	14
Priority Placement#	60.00%	0	0	138	0	0	0	138
Civilians Available to Move		0	0	8	0	0	0	8
Civilians Moving		0	0	8	0	0	0	8
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		0	10	164	0	0	0	174
New Civilians Hired		0	6	81	0	0	0	87
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	2	48	0	0	0	50
TOTAL CIVILIAN RIFS		0	1	29	0	0	0	30
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	138	0	0	0	138
TOTAL CIVILIAN NEW HIRES		0	6	81	0	0	0	87

* 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 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\05.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996 -----	1997 -----	1998 -----	1999 -----	2000 -----	2001 -----	Total -----
CONSTRUCTION							
MILCON	8,026	72,234	0	0	0	0	80,260
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	18	527	0	0	0	546
Civ Retire	0	8	201	0	0	0	210
CIV MOVING							
Per Diem	0	28	372	0	0	0	400
POV Miles	0	2	29	0	0	0	32
Home Purch	0	107	1,858	0	0	0	1,966
HHG	0	72	1,136	0	0	0	1,208
Misc	0	7	115	0	0	0	122
House Hunt	0	26	329	0	0	0	355
PPS	0	0	1,987	0	0	0	1,987
RITA	0	48	757	0	0	0	805
FREIGHT							
Packing	0	168	359	0	0	0	527
Freight	0	598	36	0	0	0	634
Vehicles	0	1,115	0	0	0	0	1,115
Driving	0	191	0	0	0	0	191
Unemployment	0	3	91	0	0	0	94
OTHER							
Program Plan	874	656	492	0	0	0	2,022
Shutdown	3,182	3,182	3,279	0	0	0	9,644
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	223	252	0	0	0	475
POV Miles	0	169	230	0	0	0	400
HHG	0	2,387	4,311	0	0	0	6,698
Misc	0	466	897	0	0	0	1,363
OTHER							
Elim PCS	0	0	11,105	0	0	0	11,105
OTHER							
HAP / RSE	0	70	694	0	0	0	763
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
TOTAL ONE-TIME	14,083	83,780	31,059	0	0	0	128,922

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.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	213	213	213	213	853	213
BOS	0	490	1,788	1,788	1,788	1,788	7,642	1,788
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	2,629	7,943	7,943	7,943	7,943	34,402	7,943
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	3,119	9,944	9,944	9,944	9,944	42,898	9,944
TOTAL COST	14,083	86,899	41,004	9,944	9,944	9,944	171,820	9,944
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	1,046	2,011	0	0	0	3,057	
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	1,046	2,011	0	0	0	3,057	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	2,118	6,356	10,657	12,840	12,840	12,840	57,652	12,840
O&M								
RPMA	356	1,084	1,861	2,305	2,305	2,305	10,216	2,305
BOS	0	0	4,015	9,400	9,400	9,400	32,215	9,400
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	5,364	10,728	10,728	10,728	37,547	10,728
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	5,467	10,935	10,935	10,935	38,272	10,935
Enl Salary	0	0	30,858	61,705	61,705	61,705	215,966	61,705
House Allow	0	1,938	1,938	1,938	1,938	1,938	9,652	1,938
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	2,474	9,378	60,157	109,850	109,850	109,850	401,560	109,850
TOTAL SAVINGS	2,474	10,424	62,168	109,850	109,850	109,850	404,617	109,850

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	8,026	72,234	0	0	0	0	80,260	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	26	729	0	0	0	756	
Civ Moving	0	2,363	6,979	0	0	0	9,342	
Other	4,057	3,841	3,861	0	0	0	11,759	
MIL PERSONNEL								
Mil Moving	0	2,200	14,784	0	0	0	16,984	
OTHER								
HAP / RSE	0	70	694	0	0	0	763	
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	
TOTAL ONE-TIME	14,083	82,735	29,048	0	0	0	125,865	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	-2,118	-6,356	-10,657	-12,840	-12,840	-12,840	-57,652	-12,840
O&M								
RPMA	-356	-1,084	-1,648	-2,092	-2,092	-2,092	-9,363	-2,092
BOS	0	490	-2,228	-7,611	-7,611	-7,611	-24,573	-7,611
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-5,364	-10,728	-10,728	-10,728	-37,547	-10,728
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-36,320	-72,639	-72,639	-72,639	-254,238	-72,639
House Allow	0	691	6,005	6,005	6,005	6,005	24,710	6,005
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	-2,474	-6,259	-50,212	-99,906	-99,906	-99,906	-358,663	-99,906
TOTAL NET COST	11,608	76,476	-21,164	-99,906	-99,906	-99,906	-232,797	-99,906

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
MINOT	-4,284	-100%	-7,715,000	-100%	1,801
BASE X	1,526	10%	0	0%	0
BARKSDALE	682	10%	317,340	7%	465

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
MINOT	-2,305,000	-100%	533	-9,399,662	-100%	2,194
BASE X	0	0%	0	1,298,307	5%	851
BARKSDALE	213,371	6%	313	489,791	5%	718

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
MINOT	-11,704,662	-104%	2,733
BASE X	1,298,307	4%	851
BARKSDALE	703,161	5%	1,031

RPMA/BOS CHANGE REPORT (COBR/ v5.08)
Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
Option Package : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\05.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-356	-1,084	-1,648	-2,092	-2,092	-2,092	-9,363	-2,092
BOS Change	0	490	-2,228	-7,611	-7,611	-7,611	-24,573	-7,611
Housing Change	-2,119	-6,356	-10,657	-12,840	-12,840	-12,840	-57,652	-12,840
TOTAL CHANGES	-2,474	-6,950	-14,534	-22,543	-22,543	-22,543	-91,588	-22,543

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 07:06 05/04/1995, Report Created 07:06 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\05.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:
-----	-----
MINOT, ND	Closes in FY 1998
BASE X	Realignment
BARKSDALE, LA	Realignment

Summary:

 COMMISSION REQUEST: 950482-15
 5. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B52's TO BARKSDALE AFB.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
MINOT, ND	BASE X	1,000 mi
MINOT, ND	BARKSDALE, LA	1,412 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MINOT, ND to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	172	0	0	0
Enlisted Positions:	0	0	1,109	0	0	0
Civilian Positions:	0	0	245	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 MINOT, ND to BARKSDALE, LA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	124	0	0	0	0
Enlisted Positions:	0	542	0	0	0	0
Civilian Positions:	0	16	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	315	0	0	0	0
Heavy/Special Vehicles:	0	564	0	0	0	0

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\05.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MINOT, ND

Total Officer Employees:	654	RPMA Non-Payroll (\$K/Year):	2,305
Total Enlisted Employees:	3,962	Communications (\$K/Year):	805
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	10,712
Total Civilian Employees:	633	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	12,840
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	7,715	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF061
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	71	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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: BARKSDALE, LA

Total Officer Employees:	934	RPMA Non-Payroll (\$K/Year):	3,523
Total Enlisted Employees:	4,925	Communications (\$K/Year):	347
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,337
Total Civilian Employees:	1,265	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	13.0%	Family Housing (\$K/Year):	3,427
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):	4,862	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	20	Activity Code:	AF004
Enlisted VHA (\$/Month):	14		
Per Diem Rate (\$/Day):	83	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\05.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MINOT, 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	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 (%):	33%	33%	14%	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):	7,715					100.0%
						Perc Family Housing ShutDown:

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: BARKSDALE, LA

	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1\005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: MINOT, ND

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-65	-88	-56	0	0	0
Enl Force Struc Change:	-167	-270	-167	0	0	0
Civ Force Struc Change:	-2	-137	-3	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-139	0	0	0
Enl Scenario Change:	0	0	-1,707	0	0	0
Civ Scenario Change:	0	0	-230	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 SIX - BASE PERSONNEL INFORMATION

Name: BARKSDALE, LA

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-18	0	0	0	0
Enl Force Struc Change:	0	-73	0	0	0	0
Civ Force Struc Change:	0	-110	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: BARKSDALE, LA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Maint	OTHER	113,600	0	11,850
Munitions	OTHER	203,740	0	33,370
POL	OTHER	0	0	9,720
Other	OTHER	0	0	7,000
Utilities	OTHER	0	0	5,000
BOS	OTHER	0	0	6,690
P&D	OTHER	0	0	6,630

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retirement 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 Bldg 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 Bldg with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburse(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburse(\$):	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 IOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	Milcon Contingency Plan Rate:	0.00%
Motball 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 Peak & 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 four 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 Facilt	(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 : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11005.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

EXPLANATORY NOTES (INPUT SCREEN NINE)

4. Base line population changed from 653/3942/537 to 654/3962/633 to reflect 1/20/66 tenants.

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINA_.SFF

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

NPV in 2015(\$K):-1,034,077
 1-Time Cost(\$K): 121,184

	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	6,491	58,419	0	0	0	0	64,910	0
Person	0	3,304	-20,636	-70,422	-70,422	-70,422	-228,599	-70,422
Overhd	1,798	-256	-6,363	-17,449	-17,449	-17,449	-57,169	-17,449
Moving	0	12,187	9,400	0	0	0	21,587	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,277	2,640	0	0	0	6,918	0
TOTAL	10,289	75,931	-14,959	-87,872	-87,872	-87,872	-192,354	-87,872

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	134	0	0	0	134
Enl	0	0	1,561	0	0	0	1,561
Civ	0	0	227	0	0	0	227
TOT	0	0	1,922	0	0	0	1,922

POSITIONS REALIGNED							
Off	0	334	118	0	0	0	452
Enl	0	1,665	831	0	0	0	2,496
Stu	0	0	0	0	0	0	0
Civ	0	55	233	0	0	0	288
TOT	0	2,054	1,182	0	0	0	3,236

Summary:

COMMISSION REQUEST:M 950482-15
 6. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B52s TO GRAND FORKS AFB. RELOCATE ONE KC-135 SQUADRON AT GRAND FORKS TO MACDILL AFB. RELOCATE ONE KC-135 SQUADRON TO MALMSTROM AFB.

RELOCATE

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	6,491	58,419	0	0	0	0	64,910	0
Person	0	5,242	20,080	9,072	9,072	9,072	52,539	9,072
Overhd	4,273	7,183	10,866	7,095	7,095	7,095	43,608	7,095
Moving	0	15,325	10,890	0	0	0	26,215	0
Missio	0	0	0	0	0	0	0	0
Other	2,000	2,277	2,640	0	0	0	6,918	0
TOTAL	12,764	88,447	44,476	16,168	16,168	16,168	194,190	16,168

Savings (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	0	0	0	0	0	0	0	0
Person	0	1,938	40,716	79,495	79,495	79,495	281,139	79,495
Overhd	2,474	7,440	17,229	24,545	24,545	24,545	100,777	24,545
Moving	0	3,138	1,490	0	0	0	4,628	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	2,474	12,516	59,435	104,039	104,039	104,039	386,544	104,039

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN\1006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

Year	Cost(\$)	Adjusted Crst(\$)	NPV(\$)
----	-----	-----	-----
1996	10,289,323	10,110,698	10,150,698
1997	75,930,605	72,912,784	83,053,482
1998	-14,958,758	-13,917,868	69,075,613
1999	-87,871,714	-79,912,127	-10,836,514
2000	-87,871,714	-77,713,360	-88,609,873
2001	-87,871,714	-75,611,834	-164,301,707
2002	-87,871,714	-73,616,019	-237,967,726
2003	-87,871,714	-71,614,422	-309,662,148
2004	-87,871,714	-69,715,593	-379,437,741
2005	-87,871,714	-67,918,120	-447,345,861
2006	-87,871,714	-66,010,628	-513,436,489
2007	-87,871,714	-64,311,779	-577,758,268
2008	-87,871,714	-62,610,271	-640,358,539
2009	-87,871,714	-60,914,838	-701,283,377
2010	-87,871,714	-59,214,246	-760,577,624
2011	-87,871,714	-57,717,296	-818,284,920
2012	-87,871,714	-56,112,818	-874,447,738
2013	-87,871,714	-54,619,677	-929,107,415
2014	-87,871,714	-53,116,766	-982,304,181
2015	-87,871,714	-51,713,008	-1,034,077,190

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\06.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	64,910,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		64,910,000
Personnel		
Civilian RIF	563,902	
Civilian Early Retirement	218,284	
Civilian New Hires	0	
Eliminated Military PCS	10,217,949	
Unemployment	97,092	
Total - Personnel		11,097,227
Overhead		
Program Planning Support	2,399,909	
Mothball / Shutdown	9,643,750	
Total - Overhead		12,043,659
Moving		
Civilian Moving	5,467,029	
Civilian PPS	1,958,400	
Military Moving	13,868,267	
Freight	4,921,425	
One-Time Moving Costs	0	
Total - Moving		26,215,121
Other		
HAP / RSE	917,707	
Environmental Mitigation Costs	0	
One-Time Unique Costs	6,000,000	
Total - Other		6,917,707
Total One-Time Costs		121,183,714

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	4,628,360	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		4,628,360
Total Net One-Time Costs		116,555,354

TOTAL MILITARY CONSTRUCTION ASSET: (COBRA v5.08)
Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
Option Package : Commission Request
Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
MINOT	0	0	0	0	0
GRAND FORKS	54,500	0	0	0	54,500
MALMSTROM	0	0	0	0	0
BASE X	0	0	0	0	0
MACDILL	10,410	0	0	0	10,410
-----	-----	-----	-----	-----	-----
Totals:	64,910	0	0	0	64,910

PERSONNEL SUMMARY REPORT (COERA v5.08)
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL SUMMARY FOR: MINOT, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
654	3,962	0	633

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-65	-88	-66	0	0	0	-219
Enlisted	-167	-270	-167	0	0	0	-604
Students	0	0	0	0	0	0	0
Civilians	-2	-137	-3	0	0	0	-142
TOTAL	-234	-495	-236	0	0	0	-965

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
435	3,358	0	491

PERSONNEL REALIGNMENTS:

To Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	178	0	0	0	0	178
Enlisted	0	820	0	0	0	0	820
Students	0	0	0	0	0	0	0
Civilians	0	28	0	0	0	0	28
TOTAL	0	1,026	0	0	0	0	1,026

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	118	0	0	0	118
Enlisted	0	0	831	0	0	0	831
Students	0	0	0	0	0	0	0
Civilians	0	0	233	0	0	0	233
TOTAL	0	0	1,182	0	0	0	1,182

To Base: MACDILL, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	5	0	0	0	0	5
Enlisted	0	146	0	0	0	0	146
Students	0	0	0	0	0	0	0
Civilians	0	3	0	0	0	0	3
TOTAL	0	154	0	0	0	0	154

TOTAL PERSONNEL REALIGNMENTS (Out of MINOT, ND):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	183	118	0	0	0	301
Enlisted	0	966	831	0	0	0	1,797
Students	0	0	0	0	0	0	0
Civilians	0	31	233	0	0	0	264
TOTAL	0	1,180	1,182	0	0	0	2,362

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	-134	0	0	0	-134
Enlisted	0	0	-1,561	0	0	0	-1,561
Civilians	0	0	-227	0	0	0	-227
TOTAL	0	0	-1,922	0	0	0	-1,922

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: GRAND FORKS, ND

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
719	3,888	0	557

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	37	0	0	0	0	37
Enlisted	0	87	0	0	0	0	87
Students	0	0	0	0	0	0	0
Civilians	0	174	0	0	0	0	174
TOTAL	0	298	0	0	0	0	298

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
756	3,975	0	731

PERSONNEL REALIGNMENTS:

To Base: MALMSTROM, MT

	1996	1997	1998	1999	2000	2001	Total
Officers	0	61	0	0	0	0	61
Enlisted	0	253	0	0	0	0	253
Students	0	0	0	0	0	0	0
Civilians	0	7	0	0	0	0	7
TOTAL	0	321	0	0	0	0	321

To Base: MACDILL, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	0	90	0	0	0	0	90
Enlisted	0	446	0	0	0	0	446
Students	0	0	0	0	0	0	0
Civilians	0	17	0	0	0	0	17
TOTAL	0	553	0	0	0	0	553

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	178	0	0	0	0	178
Enlisted	0	820	0	0	0	0	820
Students	0	0	0	0	0	0	0
Civilians	0	28	0	0	0	0	28
TOTAL	0	1,026	0	0	0	0	1,026

TOTAL PERSONNEL REALIGNMENTS (Out of GRAND FORKS, ND):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	151	0	0	0	0	151
Enlisted	0	699	0	0	0	0	699
Students	0	0	0	0	0	0	0
Civilians	0	24	0	0	0	0	24
TOTAL	0	874	0	0	0	0	874

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\06.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

TOTAL PERSONNEL REALIGNMENTS (Into GRAND FORKS, NI):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	178	0	0	0	0	178
Enlisted	0	820	0	0	0	0	820
Students	0	0	0	0	0	0	0
Civilians	0	28	0	0	0	0	28
TOTAL	0	1,026	0	0	0	0	1,026

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
783	4,096	0	735

PERSONNEL SUMMARY FOR: MALMSTROM, MT

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
613	3,578	0	431

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-3	0	0	0	0	-3
Enlisted	0	4	0	0	0	0	4
Students	0	0	0	0	0	0	0
Civilians	0	-21	0	0	0	0	-21
TOTAL	0	-20	0	0	0	0	-20

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
610	3,582	0	410

PERSONNEL REALIGNMENTS:
 From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	61	0	0	0	0	61
Enlisted	0	253	0	0	0	0	253
Students	0	0	0	0	0	0	0
Civilians	0	7	0	0	0	0	7
TOTAL	0	321	0	0	0	0	321

TOTAL PERSONNEL REALIGNMENTS (Into MALMSTROM, MT):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	61	0	0	0	0	61
Enlisted	0	253	0	0	0	0	253
Students	0	0	0	0	0	0	0
Civilians	0	7	0	0	0	0	7
TOTAL	0	321	0	0	0	0	321

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
671	3,835	0	417

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

PERSONNEL REALIGNMENTS:

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	118	0	0	0	118
Enlisted	0	0	831	0	0	0	831
Students	0	0	0	0	0	0	0
Civilians	0	0	233	0	0	0	233
TOTAL	0	0	1,182	0	0	0	1,182

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	118	0	0	0	118
Enlisted	0	0	831	0	0	0	831
Students	0	0	0	0	0	0	0
Civilians	0	0	233	0	0	0	233
TOTAL	0	0	1,182	0	0	0	1,182

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
854	4,094	0	11,688

PERSONNEL SUMMARY FOR: MACDILL, FL

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
516	1,911	0	841

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-1	0	0	0	0	-1
Enlisted	0	1	0	0	0	0	1
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
515	1,912	0	841

PERSONNEL REALIGNMENTS:

From Base: MINOT, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	5	0	0	0	0	5
Enlisted	0	146	0	0	0	0	146
Students	0	0	0	0	0	0	0
Civilians	0	3	0	0	0	0	3
TOTAL	0	154	0	0	0	0	154

From Base: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001	Total
Officers	0	90	0	0	0	0	90
Enlisted	0	446	0	0	0	0	446
Students	0	0	0	0	0	0	0
Civilians	0	17	0	0	0	0	17
TOTAL	0	553	0	0	0	0	553

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

TOTAL PERSONNEL REALIGNMENTS (Into MACDILL, FL):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	95	0	0	0	0	95
Enlisted	0	592	0	0	0	0	592
Students	0	0	0	0	0	0	0
Civilians	0	20	0	0	0	0	20
TOTAL	0	707	0	0	0	0	707

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
610	2,504	0	861

TOTAL PERSONNEL IMPACT REPORT (C)BRA v5.08)
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\06.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	55	233	0	0	0	288
Early Retirement*	10.00%	0	6	23	0	0	0	29
Regular Retirement*	5.00%	0	2	12	0	0	0	14
Civilian Turnover*	15.00%	0	8	35	0	0	0	43
Civs Not Moving (RIFs)*+		0	3	14	0	0	0	17
Civilians Moving (the remainder)		0	36	149	0	0	0	185
Civilian Positions Available		0	19	84	0	0	0	103
CIVILIAN POSITIONS ELIMINATED		0	0	227	0	0	0	227
Early Retirement	10.00%	0	0	23	0	0	0	23
Regular Retirement	5.00%	0	0	11	0	0	0	11
Civilian Turnover	15.00%	0	0	34	0	0	0	34
Civs Not Moving (RIFs)*+		0	0	14	0	0	0	14
Priority Placement#	60.00%	0	0	136	0	0	0	136
Civilians Available to Move		0	0	9	0	0	0	9
Civilians Moving		0	0	9	0	0	0	9
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	55	233	0	0	0	288
Civilians Moving		0	36	158	0	0	0	194
New Civilians Hired		0	19	75	0	0	0	94
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	6	46	0	0	0	52
TOTAL CIVILIAN RIFS		0	3	28	0	0	0	31
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	136	0	0	0	136
TOTAL CIVILIAN NEW HIRES		0	19	75	0	0	0	94

* 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 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
----(\$K)----	----	----	----	----	----	----	----
CONSTRUCTION							
MILCON	6,491	58,419	0	0	0	0	64,910
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	54	509	0	0	0	564
Civ Retire	0	25	193	0	0	0	218
CIV MOVING							
Per Diem	0	95	353	0	0	0	453
POV Miles	0	9	29	0	0	0	38
Home Purch	0	387	1,793	0	0	0	2,178
HHG	0	260	1,095	0	0	0	1,355
Misc	0	25	111	0	0	0	136
House Hunt	0	91	317	0	0	0	408
PPS	0	0	1,953	0	0	0	1,958
RITA	0	170	729	0	0	0	899
FREIGHT							
Packing	0	506	275	0	0	0	781
Freight	0	1,254	277	0	0	0	1,281
Vehicles	0	2,441	0	0	0	0	2,441
Driving	0	418	0	0	0	0	418
Unemployment	0	9	80	0	0	0	97
OTHER							
Program Plan	1,090	818	492	0	0	0	2,400
Shutdown	3,182	3,182	3,279	0	0	0	9,644
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	648	187	0	0	0	835
POV Miles	0	516	171	0	0	0	686
HHG	0	7,106	3,177	0	0	0	10,283
Misc	0	1,399	664	0	0	0	2,063
OTHER							
Elim PCS	0	0	10,218	0	0	0	10,218
OTHER							
HAP / RSE	0	277	640	0	0	0	918
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
TOTAL ONE-TIME	12,764	80,111	28,309	0	0	0	121,184

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.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	95	95	95	95	378	95
BOS	0	3,183	3,001	3,001	3,001	3,001	15,186	3,001
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	5,153	9,072	9,072	9,072	9,072	41,442	9,072
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	4,000	4,000	4,000	4,000	16,000	4,000
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	8,336	16,168	16,168	16,168	16,168	73,006	16,168
TOTAL COST	12,764	88,447	44,476	16,168	16,168	16,168	194,190	16,168

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	3,138	1,490	0	0	0	4,628
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	3,138	1,490	0	0	0	4,628

RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	2,118	6,356	10,657	12,840	12,840	12,840	57,652	12,840
O&M								
RPMA	356	1,084	1,861	2,305	2,305	2,305	10,216	2,305
BOS	0	0	4,710	9,400	9,400	9,400	32,909	9,400
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	5,294	10,588	10,588	10,588	37,057	10,588
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	28,213	56,427	56,427	56,427	197,494	56,427
House Allow	0	1,938	1,938	1,938	1,938	1,938	9,692	1,938
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	2,474	9,378	57,945	104,039	104,039	104,039	381,916	104,039
TOTAL SAVINGS	2,474	12,516	59,435	104,039	104,039	104,039	386,544	104,039

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/3
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	6,491	58,419	0	0	0	0	64,910	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	80	700	0	0	0	782	
Civ Moving	0	5,657	6,690	0	0	0	12,347	
Other	4,273	4,010	3,850	0	0	0	12,141	
MIL PERSONNEL								
Mil Moving	0	6,530	12,920	0	0	0	19,458	
OTHER								
HAP / RSE	0	277	640	0	0	0	918	
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	
TOTAL ONE-TIME	12,764	76,973	26,810	0	0	0	116,555	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	-2,118	-6,356	-10,657	-12,840	-12,840	-12,840	-57,652	-12,840
O&M								
RPMA	-356	-1,084	-1,767	-2,210	-2,210	-2,210	-9,838	-2,210
BOS	0	3,183	-1,709	-6,399	-6,399	-6,399	-17,723	-6,399
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	-5,294	-10,588	-10,588	-10,588	-37,057	-10,588
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-33,484	-66,968	-66,968	-66,968	-234,390	-66,968
House Allow	0	3,214	7,134	7,134	7,134	7,134	31,750	7,134
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	4,000	4,000	4,000	4,000	16,000	4,000
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-2,474	-1,042	-41,778	-87,872	-87,872	-87,872	-308,909	-87,872
TOTAL NET COST	10,289	75,931	-14,959	-87,872	-87,872	-87,872	-192,354	-87,872

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11\06.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
MINOT	-4,284	-100%	-7,715,000	-100%	1,801
GRAND FORKS	152	3%	192,700	3%	1,268
MALMSTROM	321	7%	0	0%	0
BASE X	1,182	8%	0	0%	0
MACDILL	707	22%	39,900	1%	56

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
MINOT	-2,305,000	-100%	538	-9,399,662	-100%	2,194
GRAND FORKS	72,510	3%	477	215,987	1%	1,421
MALMSTROM	0	0%	0	479,532	4%	1,494
BASE X	0	0%	0	1,010,483	4%	855
MACDILL	22,124	1%	31	1,294,671	11%	1,831

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
MINOT	-11,704,662	-104%	2,732
GRAND FORKS	288,497	2%	1,898
MALMSTROM	479,532	3%	1,494
BASE X	1,010,483	3%	855
MACDILL	1,316,795	9%	1,862

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-356	-1,084	-1,767	-2,210	-2,210	-2,210	-9,838	-2,210
BOS Change	0	3,183	-1,709	-6,399	-6,399	-6,399	-17,723	-6,399
Housing Change	-2,119	-6,356	-10,657	-12,840	-12,840	-12,840	-57,652	-12,840
TOTAL CHANGES	-2,474	-4,256	-14,133	-21,449	-21,449	-21,449	-85,212	-21,449

INPUT DATA REPORT (COBRA \5.08)
 Data As Of 07:10 05/04/1995, Report Created 07:11 05/04/1995

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN11006.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:
-----	-----
MINOT, ND	Closes in FY 1998
GRAND FORKS, ND	Realignment
MALMSTROM, MT	Realignment
BASE X	Realignment
MACDILL, FL	Realignment

Summary:

 COMMISSION REQUEST: M 950482-15
 6. CLOSE MINOT AFB. INACTIVATE THE MISSILE GROUP. RELOCATE THE B52s TO
 GRAND FORKS AFB. RELOACTE ONE KC-135 SQUADRON AT GRAND FORKS TO MACDILL
 AFB. RELCOATE ONE KC-135 SQUADRON TO MALMSTROM AFB.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
MINOT, ND	GRAND FORKS, ND	934 mi
MINOT, ND	BASE X	1,000 mi
MINOT, ND	MACDILL, FL	2,066 mi
GRAND FORKS, ND	MALMSTROM, MT	382 mi
GRAND FORKS, ND	MACDILL, FL	2,800 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MINOT, ND to GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	178	0	0	0	0
Enlisted Positions:	0	820	0	0	0	0
Civilian Positions:	0	28	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	157	0	0	0	0
Heavy/Special Vehicles:	0	282	0	0	0	0

Transfers from MINOT, ND to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	113	0	0	0
Enlisted Positions:	0	0	831	0	0	0
Civilian Positions:	0	0	233	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MINI\006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from MINOT, ND to MACDILL, FL

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	5	0	0	0	0
Enlisted Positions:	0	146	0	0	0	0
Civilian Positions:	0	3	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	100	0	0	0	0
Suppt Eqpt (tons):	0	50	0	0	0	0
Military Light Vehicles:	0	157	0	0	0	0
Heavy/Special Vehicles:	0	282	0	0	0	0

Transfers from GRAND FORKS, ND to MALMSTROM, MT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	61	0	0	0	0
Enlisted Positions:	0	253	0	0	0	0
Civilian Positions:	0	7	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	157	0	0	0	0
Heavy/Special Vehicles:	0	282	0	0	0	0

Transfers from GRAND FORKS, ND to MACDILL, FL

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	90	0	0	0	0
Enlisted Positions:	0	446	0	0	0	0
Civilian Positions:	0	17	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	158	0	0	0	0
Heavy/Special Vehicles:	0	282	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MINOT, ND

Total Officer Employees:	654	RPMA Non-Payroll (\$K/Year):	2,305
Total Enlisted Employees:	3,962	Communications (\$K/Year):	805
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	10,712
Total Civilian Employees:	633	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	87.0%	Family Housing (\$K/Year):	12,840
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	7,715	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF061
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	71	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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1\006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FINAL.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

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:	557	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

Name: MALMSTROM, MT

Total Officer Employees:	613	RPMA Non-Payroll (\$K/Year):	2,157
Total Enlisted Employees:	3,578	Communications (\$K/Year):	796
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,192
Total Civilian Employees:	431	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	6,700
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):	4,481	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF053
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	77	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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

(See final page for Explanatory Notes)

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN\1006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

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	Perc Family Housing ShutDown:				0.0%

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	4,000	4,000	4,000	4,000
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: MINOT, ND	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	-65	-88	-66	0	0	0
Enl Force Struc Change:	-167	-270	-167	0	0	0
Civ Force Struc Change:	-2	-137	-3	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	-134	0	0	0
Enl Scenario Change:	0	0	-1,561	0	0	0
Civ Scenario Change:	0	0	-227	0	0	0
Off Change(No Sal Save):	0	0	)	0	0	0
Enl Change(No Sal Save):	0	0	)	0	0	0
Civ Change(No Sal Save):	0	0	)	0	0	0
Caretakers - Military:	0	0	)	0	0	0
Caretakers - Civilian:	0	0	)	0	0	0

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN*1006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: GRAND FORKS, ND

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	37	0	0	0	0
Enl Force Struc Change:	0	87	0	0	0	0
Civ Force Struc Change:	0	174	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: MALMSTROM, MT

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-3	0	0	0	0
Enl Force Struc Change:	0	4	0	0	0	0
Civ Force Struc Change:	0	-21	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: MACDILL, FL

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-1	0	0	0	0
Enl Force Struc Change:	0	1	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

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: GRAND FORKS, ND

Description	Catag	New MilCon	Rehab MilCon	Total Cost(\$K)
Munitions	OTHER	180,600	0	33,310
Other	OTHER	0	0	7,000
Utilities	OTHER	0	0	3,000
Dorm	BACHQ	9,200	0	1,360
Dining Hall	OTHER	2,900	0	780
BOS	OTHER	0	0	4,550
P&D	OTHER	0	0	4,500

Department : Air Force
 Option Package : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN 1006.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\FIN\L.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MACDILL, FL

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Pavements	OTHER	0	0	1,550
Maint	OTHER	23,400	0	4,000
Flt Sim	OTHER	16,500	0	3,130
Bos	OTHER	0	0	870
P&D	OTHER	0	0	860

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 Ligh 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 : Commission Request
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\MIN1006.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			

EXPLANATORY NOTES (INPUT SCREEN NINE)

4. Base line population changed from 653/3942/567 to 654/3962/633 to reflect 1/20/66 tenants.

Document Separator



THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 3, 1995

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

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

82
Please refer to this number
when responding 950404-2

Dear General Blume:

Request you provide a review of the attached COBRA run submitted by the Brooks AFB community through the Defense Base Closure and Realignment Commission. This COBRA run shows better Return on Investment (ROI) numbers with one-tenth the One-Time Cost compared to the DoD submission on Brooks AFB. We have reviewed the community's Brooks AFB COBRA run and have found two areas that we would like you to specifically evaluate.

The first area is with regards to Family Housing. The Brooks AFB community shuts down 100% of the family housing even though they create a contonement and leave 75% of the personnel at Brooks AFB. The second area is with regards to positions eliminated. In the community's COBRA run, they eliminate the same number of positions (391) as in the DoD recommendation. We would appreciate your views on these assumptions.

Additionally, in testimony to the Commission regarding Family Housing at Brooks AFB, you provided for the record a response that AETC and AFMC are evaluating the possibility of transferring the responsibility for Brooks AFB housing to Kelly AFB or Lackland AFB. We would like an update to this evaluation so that we may include it in our analysis of the Brooks AFB action.

To assist the Commission in its work, we respectfully request this information be provided to this office no later than April 12, 1995. Thank you for your assistance in this matter.

Sincerely,

Francis A. Cirillo Jr., PE
Air Force Team Leader

Enclosure: Community COBRA Run on Brooks AFB



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

13 APR 1995

SUBJECT: Request for Information (AF/RT Tasker 355)

Thank you for your letter of April 3, 1995, providing us with an opportunity to comment on the assumptions made by the Brooks AFB community advocates in their COBRA run supporting their alternative to the DoD recommendation. We have serious concerns with several of the assumptions. In addition, since we do not know their concept of operations, we cannot provide any analysis as to the validity of that concept.

As you note, the community assumes the elimination of 391 positions, identical to those eliminated from a complete base closure. The COBRA reviewed leads to assuming their alternative is based on transferring BOS support to Kelly rather than Lackland. In any case, substantial transfers of personnel would be required. While some reductions are potentially available, the retention of 75 percent of the personnel and most of the activities would require most of the BOS positions to be transferred to Kelly. Thus, the manpower savings appear to be significantly overstated.

The proposal from the Commission to reconsider the retention of housing at Brooks AFB for use of other San Antonio personnel has merit, and the Air Force is considering the issue of retention of housing in conjunction with the site survey for the Brooks closure. We will provide a position on the Commission proposal after the process is complete in mid-May. If the percentage of personnel at Brooks AFB are retained, as assumed by the community, this housing would be absolutely essential, and could not be closed. If the housing were closed without loss of personnel, the housing shortage in the San Antonio area would be increased.

We note that there are MILCON estimates of \$5 Million at Brooks AFB and \$1 Million at Kelly AFB. Since we do not know the basis for these estimates we cannot comment on their accuracy, but would note that some MILCON would be required. This is particularly true if a cantonment is developed for Brooks AFB, and current perimeters are altered.

As a final point, please note that, apart from the cost issues, the failure to reduce laboratory capacity by altering the closure of Brooks AFB, and consolidating functions at Wright-Patterson AFB, would leave additional excess capacity within the Air Force. Furthermore, Brooks AFB was rated the lowest of the Lab and Product Center installations. As a result, the Air Force would not favor this alternative.

I trust this responds to your request. Maj Mike 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



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



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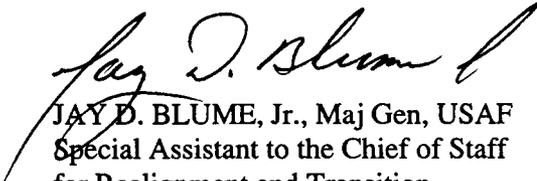
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JAY D. BLUME, Jr., Maj Gen, USAF
Special Assistant to the Chief of Staff
for Realignment and Transition

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Starting Year : 1996
 Final Year : 2001
 ROI Year : Immediate

NPV in 2015(\$K): -301,520
 1-Time Cost(\$K): 11,143

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	3,000	3,000	0	0	0	0	6,000	0
Person	-3,658	-12,588	-17,914	-17,993	-18,061	-18,079	-88,294	-18,079
Overhd	-132	-1,903	-3,306	-3,371	-3,444	-3,511	-15,667	-3,585
Moving	710	713	9	10	9	3	1,454	0
Missio	0	0	0	0	0	0	0	0
Other	104	104	0	0	0	0	208	0
TOTAL	24	-10,674	-21,211	-21,355	-21,496	-21,587	-96,299	-21,664

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	18	18	0	0	0	0	36
Enl	100	101	0	0	0	0	201
Civ	77	77	0	0	0	0	154
TOT	195	196	0	0	0	0	391

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	10	9	1	1	1	1	23
Enl	67	80	32	39	32	8	258
Stu	0	0	0	0	0	0	0
Civ	114	114	2	2	2	3	237
TOT	191	203	35	42	35	12	518

Summary:

 CLOSE BROOKS AFB; RETAIN HSC, ARMSRTONG LAB, SCHOOL OF AEROSPACE MEDICINE, AFCEE, AND YA IN CANTONEMENT AT BROOKS FIELD. THE 58TH INTEL SQDN RELOCATES TO KELLY AFB; THE 710TH INTEL FLIGHT (AFRES) RELOCATES TO LACKLAND.

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Costs (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	3,000	3,000	0	0	0	0	6,000	0
Person	1,266	1,660	868	1,036	1,172	1,211	7,214	1,211
Overhd	765	812	350	339	333	321	2,919	266
Moving	710	713	9	10	9	3	1,454	0
Missio	0	0	0	0	0	0	0	0
Other	104	104	0	0	0	0	208	0
TOTAL	5,845	6,290	1,226	1,385	1,514	1,535	17,796	1,478

Savings (\$K) Constant Dollars	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----		
MilCon	0	0	0	0	0	0	0	0
Person	4,924	14,249	18,782	19,029	19,233	19,291	95,508	19,291
Overhd	897	2,715	3,656	3,710	3,776	3,832	18,586	3,851
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	5,820	16,964	22,438	22,740	23,010	23,123	114,094	23,142

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 21:59 03/09/1995, Report Created 10:21 04/03/1995

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Year	Cost(\$)	Adjusted Cos1(\$)	NPV(\$)
1996	24,419	24,090	24,090
1997	-10,673,737	-10,248,110	-10,224,019
1998	-21,211,352	-19,820,462	-30,044,482
1999	-21,354,613	-19,420,272	-49,464,753
2000	-21,496,006	-19,025,651	-68,490,405
2001	-21,587,470	-18,595,235	-87,085,640
2002	-21,663,904	-18,161,630	-105,247,270
2003	-21,663,904	-17,675,552	-122,922,822
2004	-21,663,904	-17,202,484	-140,125,306
2005	-21,663,904	-16,742,077	-156,867,383
2006	-21,663,904	-16,293,992	-173,161,375
2007	-21,663,904	-15,857,900	-189,019,275
2008	-21,663,904	-15,433,479	-204,452,754
2009	-21,663,904	-15,020,418	-219,473,172
2010	-21,663,904	-14,618,411	-234,091,583
2011	-21,663,904	-14,227,164	-248,318,747
2012	-21,663,904	-13,846,389	-262,165,136
2013	-21,663,904	-13,475,804	-275,640,940
2014	-21,663,904	-13,115,138	-288,756,078
2015	-21,663,904	-12,764,124	-301,520,202

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	6,000,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		6,000,000
Personnel		
Civilian RIF	254,665	
Civilian Early Retirement	67,164	
Civilian New Hires	0	
Eliminated Military PCS	1,487,073	
Unemployment	43,848	
Total - Personnel		1,852,751
Overhead		
Program Planning Support	753,581	
Mothball / Shutdown	875,000	
Total - Overhead		1,628,581
Moving		
Civilian Moving	0	
Civilian PPS	1,324,800	
Military Moving	0	
Freight	128,903	
One-Time Moving Costs	0	
Total - Moving		1,453,703
Other		
HAP / RSE	208,456	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		208,456

Total One-Time Costs		11,143,491

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		11,143,491

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: WRIGHT-PATTERSON AFB, OH
 (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	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
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		0

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		0

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BROOKS AFB, TX
 (All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	5,000,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		5,000,000
Personnel		
Civilian RIF	254,665	
Civilian Early Retirement	67,164	
Civilian New Hires	0	
Eliminated Military PCS	1,487,073	
Unemployment	43,848	
Total - Personnel		1,852,751
Overhead		
Program Planning Support	753,581	
Mothball / Shutdown	875,000	
Total - Overhead		1,628,581
Moving		
Civilian Moving	0	
Civilian PPS	1,324,800	
Military Moving	0	
Freight	128,903	
One-Time Moving Costs	0	
Total - Moving		1,453,703
Other		
HAP / RSE	208,456	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		208,456
Total One-Time Costs		10,143,491
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		10,143,491

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BASE X
 (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	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
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		0

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		0

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: TYNDALL AFB, FL
 (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	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
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		0

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		0

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: KELLY AFB, TX
 (All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	1,000,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		1,000,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
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		1,000,000
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		1,000,000

Department : AIR FORCE
Option Package : BROOKS ALT #1
Scenario File : A:\COBRA\BROOKS-1.CBR
Std Fctrs File : A:\COBRA\BROOKS.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
WRIGHT-PATTERSON AFB	0	0	0	0	0
BROOKS AFB	5,000	0	0	0	5,000
BASE X	0	0	0	0	0
TYNDALL AFB	0	0	0	0	0
KELLY AFB	1,000	0	0	0	1,000
-----	-----	-----	-----	-----	-----
Totals:	6,000	0	0	0	6,000

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

MilCon for Base: BROOKS AFB, TX

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
CANTONEMENT	OTHER	0	n/a	0	n/a	5,000

Total Construction Cost:						5,000
+ Info Management Account:						0
+ Land Purchases:						0
- Construction Cost Avoid:						0

TOTAL:						5,000

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

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

MilCon for Base: KELLY AFB, TX

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
MINOR ADAPTATIONS	OTHER	0	n/a	0	n/a	1,000
Total Construction Cost:						1,000
+ Info Management Account:						0
+ Land Purchases:						0
- Construction Cost Avoid:						0
TOTAL:						1,000

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

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

PERSONNEL SUMMARY FOR: WRIGHT-PATTERSON AFB, OH

BASE POPULATION (FY 1996, Prior to BRAC Action):			
Officers	Enlisted	Students	Civilians
3,709	2,993	0	14,109

BASE POPULATION (After BRAC Action):			
Officers	Enlisted	Students	Civilians
3,709	2,993	0	14,109

PERSONNEL SUMMARY FOR: BROOKS AFB, TX

BASE POPULATION (FY 1996):			
Officers	Enlisted	Students	Civilians
640	999	0	1,766

FORCE STRUCTURE CHANGES:							
	1996	1997	1998	1999	2000	2001	Total
Officers	0	186	0	0	0	0	186
Enlisted	0	129	0	0	0	0	129
Students	0	0	0	0	0	0	0
Civilians	0	-101	0	0	0	0	-101
TOTAL	0	214	0	0	0	0	214

BASE POPULATION (Prior to BRAC Action):			
Officers	Enlisted	Students	Civilians
826	1,128	0	1,665

PERSONNEL REALIGNMENTS: To Base: KELLY AFB, TX							
	1996	1997	1998	1999	2000	2001	Total
Officers	10	9	1	1	1	1	23
Enlisted	67	80	32	39	32	8	258
Students	0	0	0	0	0	0	0
Civilians	114	114	2	2	2	3	237
TOTAL	191	203	35	42	35	12	518

TOTAL PERSONNEL REALIGNMENTS (Out of BROOKS AFB, TX):							
	1996	1997	1998	1999	2000	2001	Total
Officers	10	9	1	1	1	1	23
Enlisted	67	80	32	39	32	8	258
Students	0	0	0	0	0	0	0
Civilians	114	114	2	2	2	3	237
TOTAL	191	203	35	42	35	12	518

SCENARIO POSITION CHANGES:							
	1996	1997	1998	1999	2000	2001	Total
Officers	-18	-18	0	0	0	0	-36
Enlisted	-100	-101	0	0	0	0	-201
Civilians	-77	-77	0	0	0	0	-154
TOTAL	-195	-196	0	0	0	0	-391

BASE POPULATION (After BRAC Action):			
Officers	Enlisted	Students	Civilians
767	669	0	1,274

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
736	3,263	0	11,455

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
736	3,263	0	11,455

PERSONNEL SUMMARY FOR: TYNDALL AFB, FL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
802	3,801	0	1,011

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
802	3,801	0	1,011

PERSONNEL SUMMARY FOR: KELLY AFB, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
825	3,539	0	14,036

PERSONNEL REALIGNMENTS:

From Base: BROOKS AFB, TX

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	10	9	1	1	1	1	23
Enlisted	67	80	32	39	32	8	258
Students	0	0	0	0	0	0	0
Civilians	114	114	2	2	2	3	237
TOTAL	191	203	35	42	35	12	518

TOTAL PERSONNEL REALIGNMENTS (Into KELLY AFB, TX):

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	10	9	1	1	1	1	23
Enlisted	67	80	32	39	32	8	258
Students	0	0	0	0	0	0	0
Civilians	114	114	2	2	2	3	237
TOTAL	191	203	35	42	35	12	518

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
848	3,797	0	14,273

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario file : A:\COBRA\BROOKS-1.CBR
 Std fctrs file : A:\COBRA\BROOKS.SFF

Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT	114	114	2	2	3	237	
Early Retirement*	0	0	0	0	0	0	
10.00%	0	0	0	0	0	0	
Regular Retirement*	0	0	0	0	0	0	
5.00%	0	0	0	0	0	0	
Civilian Turnover*	0	0	0	0	0	0	
15.00%	0	0	0	0	0	0	
Civs Not Moving (RIFs)**	0	0	0	0	0	0	
Civilians Moving (the remainder)	114	114	2	2	3	237	
Civilian Positions Available	0	0	0	0	0	0	
CIVILIAN POSITIONS ELIMINATED	77	77	0	0	0	154	
Early Retirement	8	8	0	0	0	16	
10.00%	8	8	0	0	0	16	
Regular Retirement	4	4	0	0	0	8	
5.00%	4	4	0	0	0	8	
Civilian Turnover	12	12	0	0	0	24	
15.00%	12	12	0	0	0	24	
Civs Not Moving (RIFs)**	5	5	0	0	0	10	
Priority Placement#	46	46	0	0	0	92	
60.00%	46	46	0	0	0	92	
Civilians Available to Move	2	2	0	0	0	4	
Civilians Moving	0	0	0	0	0	0	
Civilian RIFs (the remainder)	2	2	0	0	0	4	
CIVILIAN POSITIONS REALIGNING IN	114	114	2	2	3	237	
Civilians Moving	114	114	2	2	3	237	
New Civilians Hired	0	0	0	0	0	0	
Other Civilian Additions	0	0	0	0	0	0	
TOTAL CIVILIAN EARLY RETIREMENTS	8	8	0	0	0	16	
TOTAL CIVILIAN RIFS	7	7	0	0	0	14	
TOTAL CIVILIAN PRIORITY PLACEMENTS#	46	46	0	0	0	92	
TOTAL CIVILIAN NEW HIRES	0	0	0	0	0	0	

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

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: WRIGHT-PATTERSON AFB, OH Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0
Civilian Turnover*	15.00%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED	0	0	0	0	0	0	0
Early Retirement	10.00%	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	60.00%	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0
TOTAL CIVILIAN RIFs		0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0

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

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BROOKS AFB, TX	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		114	114	2	2	2	3	237
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)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		114	114	2	2	2	3	237
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		77	77	0	0	0	0	154
Early Retirement	10.00%	8	8	0	0	0	0	16
Regular Retirement	5.00%	4	4	0	0	0	0	8
Civilian Turnover	15.00%	12	12	0	0	0	0	24
Civs Not Moving (RIFs)*	6.00%	5	5	0	0	0	0	10
Priority Placement#	60.00%	46	46	0	0	0	0	92
Civilians Available to Move		2	2	0	0	0	0	4
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		2	2	0	0	0	0	4
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		8	8	0	0	0	0	16
TOTAL CIVILIAN RIFS		7	7	0	0	0	0	14
TOTAL CIVILIAN PRIORITY PLACEMENTS#		46	46	0	0	0	0	92
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BASE X	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		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)*	0.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	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)*	0.00%	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
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFs		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: TYNDALL AFB, FL	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		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)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	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)*	6.00%	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
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFs		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: KELLY AFB, TX	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		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)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	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)*	6.00%	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
CIVILIAN POSITIONS REALIGNING IN		114	114	2	2	2	3	237
Civilians Moving		114	114	2	2	2	3	237
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFs		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

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

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/18
 Data As Of 21:59 03/09/1995, Report Created 10:21 04/03/1995

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	3,000	3,000	0	0	0	0	6,000
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	127	127	0	0	0	0	255
Civ Retire	33	33	0	0	0	0	67
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	662	662	0	0	0	0	1,325
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	47	50	9	10	9	3	129
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	22	22	0	0	0	0	44
OTHER							
Program Plan	229	172	129	97	72	54	753
Shutdown	437	437	0	0	0	0	875
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	741	746	0	0	0	0	1,487
OTHER							
HAP / RSE	104	104	0	0	0	0	208
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	5,404	5,356	118	107	81	57	11,143

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/18
 Data As Of 21:59 03/09, 1995, Report Created 10:21 04/03/1995

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.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	98	203	221	242	260	266	1,291	266
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	342	731	868	1,036	1,172	1,211	5,361	1,211
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	441	934	1,039	1,278	1,433	1,478	6,652	1,478
TOTAL COST	5,845	6,290	1,236	1,385	1,514	1,535	17,796	1,478
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	0	0	0	0	0	0	
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	0	0	0	0	0	0	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	301	904	1,205	1,205	1,205	1,205	6,025	1,205
O&M								
RPMA	320	969	1,297	1,297	1,297	1,297	6,477	1,297
BOS	275	843	1,154	1,208	1,274	1,330	6,085	1,349
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	1,796	5,387	7,183	7,183	7,183	7,183	35,914	7,183
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	708	2,124	2,832	2,832	2,832	2,832	14,160	2,832
Enl Salary	1,807	5,440	7,265	7,266	7,266	7,266	36,311	7,266
House Allow	612	1,297	1,501	1,748	1,953	2,010	9,123	2,010
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	5,820	16,964	22,433	22,740	23,010	23,123	114,094	23,142
TOTAL SAVINGS	5,820	16,964	22,433	22,740	23,010	23,123	114,094	23,142

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/18
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Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	3,000	3,000	0	0	0	0	6,000	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	161	161	0	0	0	0	322	
Civ Moving	710	713	9	10	9	3	1,454	
Other	689	631	29	97	72	54	1,672	
MIL PERSONNEL								
Mil Moving	741	746	0	0	0	0	1,487	
OTHER								
HAP / RSE	104	104	0	0	0	0	208	
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	
TOTAL ONE-TIME	5,404	5,356	158	107	81	57	11,143	
RECURRING NET	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	-301	-904	-1,205	-1,205	-1,205	-1,205	-6,025	-1,205
O&M								
RPMA	-320	-969	-1,297	-1,297	-1,297	-1,297	-6,477	-1,297
BOS	-176	-640	-933	-966	-1,014	-1,064	-4,794	-1,083
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	-1,796	-5,387	-7,183	-7,183	-7,183	-7,183	-35,914	-7,183
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	-2,515	-7,564	-10,098	-10,098	-10,098	-10,098	-50,471	-10,098
House Allow	-270	-566	-613	-713	-780	-799	-3,761	-799
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	-5,380	-16,030	-21,349	-21,462	-21,577	-21,645	-107,442	-21,664
TOTAL NET COST	24	-10,674	-21,211	-21,355	-21,496	-21,587	-96,299	-21,664

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: WRIGHT-PATTERSON AFB, OH

ONE-TIME COSTS	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
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
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 Hires	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	0	0	0	0	0	0	0

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Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BROOKS AFB, TX

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	2,500	2,500	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 RIFs	127	127	0	0	0	0	255
Civ Retire	33	33	0	0	0	0	67
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	662	662	0	0	0	0	1,325
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	47	50	9	10	9	3	129
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	22	22	0	0	0	0	44
OTHER							
Program Plan	229	172	129	97	72	54	753
Shutdown	437	437	0	0	0	0	875
New Hires	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	741	746	0	0	0	0	1,487
OTHER							
HAP / RSE	104	104	0	0	0	0	208
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	4,904	4,856	108	107	81	57	10,143

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 8/18
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Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BROOKS AFB, TX

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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
TOTAL COSTS	4,904	4,856	138	107	81	57	10,143	0

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	0	0	0	0	0	0
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	0	0	0	0	0	0

RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	301	904	1,205	1,205	1,205	1,205	6,025	1,205
O&M								
RPMA	320	969	1,297	1,297	1,297	1,297	6,477	1,297
BOS	275	843	1,154	1,208	1,274	1,330	6,085	1,349
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	1,796	5,387	7,183	7,183	7,183	7,183	35,914	7,183
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	708	2,124	2,832	2,832	2,832	2,832	14,160	2,832
Enl Salary	1,807	5,440	7,266	7,266	7,266	7,266	36,311	7,266
House Allow	612	1,297	1,501	1,748	1,953	2,010	9,123	2,010
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	5,820	16,964	22,438	22,740	23,010	23,123	114,094	23,142
TOTAL SAVINGS	5,820	16,964	22,438	22,740	23,010	23,123	114,094	23,142

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 9/18
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Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BROOKS AFB, TX

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	2,500	2,500	0	0	0	0	5,000	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	161	161	0	0	0	0	322	
Civ Moving	710	713	9	10	9	3	1,454	
Other	689	631	29	97	72	54	1,672	
MIL PERSONNEL								
Mil Moving	741	746	0	0	0	0	1,487	
OTHER								
HAP / RSE	104	104	0	0	0	0	208	
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	
TOTAL ONE-TIME	4,904	4,856	138	107	81	57	10,143	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	-301	-904	-1,205	-1,205	-1,205	-1,205	-6,025	-1,205
O&M								
RPMA	-320	-969	-1,297	-1,297	-1,297	-1,297	-6,477	-1,297
BOS	-275	-843	-1,154	-1,208	-1,274	-1,330	-6,085	-1,349
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	-1,796	-5,387	-7,133	-7,183	-7,183	-7,183	-35,914	-7,183
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	-2,515	-7,564	-10,078	-10,098	-10,098	-10,098	-50,471	-10,098
House Allow	-612	-1,297	-1,511	-1,748	-1,953	-2,010	-9,123	-2,010
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	-5,820	-16,964	-22,438	-22,740	-23,010	-23,123	-114,094	-23,142
TOTAL NET COST	-916	-12,108	-22,300	-22,632	-22,929	-23,065	-103,951	-23,142

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 10/18
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Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: BASE X ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
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 Hires	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	0	0	0	0	0	0	0

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: TYNDALL AFB, FL

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
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 Hires	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	0	0	0	0	0	0	0

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Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: KELLY AFB, TX

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	500	500	0	0	0	0	1,000
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M	.						
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
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 Hires	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	500	500	0	0	0	0	1,000

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base: KELLY AFB, TX

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	500	500	0	0	0	0	1,000
Fam Housing	0	0	0	0	0	0	0
O&M							
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
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
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
TOTAL ONE-TIME	500	500	0	0	0	0	1,000

RECURRING NET	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	98	203	221	242	260	266	1,291	266
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	342	731	868	1,036	1,172	1,211	5,361	1,211
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	441	934	1,089	1,278	1,433	1,478	6,652	1,478
TOTAL NET COST	941	1,434	1,089	1,278	1,433	1,478	7,652	1,478

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 21:59 03/09/1995, Report Created 10:21 04/03/1995

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
WRIGHT-PATTERSON AFB	0	0%	0	0%	0
BROOKS AFB	-909	-25%	-700,000	-36%	770
BASE X	0	0%	0	0%	0
TYNDALL AFB	0	0%	0	0%	0
KELLY AFB	518	3%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
WRIGHT-PATTERSON AFB	0	0%	0	0	0%	0
BROOKS AFB	-1,296,871	-34%	1,427	-1,348,986	-14%	1,484
BASE X	0	0%	0	0	0%	0
TYNDALL AFB	0	0%	0	0	0%	0
KELLY AFB	0	0%	0	266,242	2%	514

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
WRIGHT-PATTERSON AFB	0	0%	0
BROOKS AFB	-2,645,858	-20%	2,911
BASE X	0	0%	0
TYNDALL AFB	0	0%	0
KELLY AFB	266,242	1%	514

RPMA/BOS CHANGE REPORT (COBRA v5.08)

Data As Of 21:59 03/09/1995, Report Created 10:21 04/03/1995

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-320	-969	-1,297	-1,297	-1,297	-1,297	-6,477	-1,297
BOS Change	-176	-640	-933	-966	-1,014	-1,064	-4,794	-1,083
Housing Change	-301	-904	-1,205	-1,205	-1,205	-1,205	-6,025	-1,205
TOTAL CHANGES	-798	-2,512	-3,435	-3,468	-3,516	-3,565	-17,296	-3,585

INPUT DATA REPORT (COBRA v5.08)

Data As Of 21:59 03/09/1995, Report Created 10:21 04/03/1995

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
WRIGHT-PATTERSON AFB, OH	Realignment
BROOKS AFB, TX	Deactivates in FY 2001
BASE X	Realignment
TYNDALL AFB, FL	Realignment
KELLY AFB, TX	Realignment

Summary:

 CLOSE BROOKS AFB; RETAIN HSC, ARMSRTONG LAB, SCHOOL OF AEROSPACE MEDICINE, AFCEE, AND YA IN CANTONEMENT AT BROOKS FIELD. THE 68TH INTEL SQDN RELOCATES TO KELLY AFB; THE 710TH INTEL FLIGHT (AFRES) RELOCATES TO LACKLAND.

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
WRIGHT-PATTERSON AFB, OH	BROOKS AFB, TX	1,265 mi
BROOKS AFB, TX	BASE X	1,000 mi
BROOKS AFB, TX	TYNDALL AFB, FL	846 mi
BROOKS AFB, TX	KELLY AFB, TX	14 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from BROOKS AFB, TX to KELLY AFB, TX

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	10	9	1	1	1	1
Enlisted Positions:	67	80	32	39	32	8
Civilian Positions:	114	114	2	2	2	3
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: WRIGHT-PATTERSON AFB, OH

Total Officer Employees:	3,709	RPMA Non-Payroll (\$K/Year):	11,009
Total Enlisted Employees:	2,993	Communications (\$K/Year):	5,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	0
Total Civilian Employees:	14,109	BOS Payroll (\$K/Year):	57,011
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	11,777
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	18,046	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	116	Activity Code:	AF092
Enlisted VHA (\$/Month):	75		
Per Diem Rate (\$/Day):	93	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : AIR FORCE
 Option Package : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BROOKS AFB, TX

Total Officer Employees:	640	RPMA Non-Payroll (\$K/Year):	3,765
Total Enlisted Employees:	999	Communications (\$K/Year):	192
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	8,585
Total Civilian Employees:	1,766	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	19.0%	Family Housing (\$K/Year):	1,205
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.87
Officer Housing Units Avail:	0	CHAMPLS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPLS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,918	CHAMPLS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	AF009
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

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:	0.0%	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:	00001
Enlisted VHA (\$/Month):	50		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Name: TYNDALL AFB, FL

Total Officer Employees:	802	RPMA Non-Payroll (\$K/Year):	3,175
Total Enlisted Employees:	3,801	Communications (\$K/Year):	594
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,272
Total Civilian Employees:	1,011	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	48.0%	Family Housing (\$K/Year):	6,390
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):	4,817	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	65	Activity Code:	86
Enlisted VHA (\$/Month):	55		
Per Diem Rate (\$/Day):	75	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: KELLY AFB, 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:	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):	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 : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: WRIGHT-PATTERSON AFB, OH

	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 (%):	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):	0					
		Perc Family Housing ShutDown:				0.0%

Name: BROOKS AFB, 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(%):	50%	50%	0%	0%	0%	0%
Shutdown Schedule (%):	50%	50%	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):	700					
		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 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 (%):	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):	0					
		Perc Family Housing ShutDown:				0.0%

Department : AIR FORCE

Option Package : BROOKS ALT #1

Scenario File : A:\COBRA\BROOKS-1.CBR

Std Fctrs File : A:\COBRA\BROOKS.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: TYNDALL AFB, 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 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 (%):	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):	0	0	0	0	0	0.0%

Name: KELLY AFB, TX

	1996	1997	998	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(%):	50%	50%	0%	0%	0%	0%
Shutdown Schedule (%):	50%	50%	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: BROOKS AFB, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	186	0	0	0	0
Enl Force Struc Change:	0	129	0	0	0	0
Civ Force Struc Change:	0	-101	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	-18	-18	0	0	0	0
Enl Scenario Change:	-100	-101	0	0	0	0
Civ Scenario Change:	-77	-77	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 : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: BROOKS AFB, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
CANTONEMENT	OTHER	0	0	5,000

Name: KELLY AFB, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
MINOR ADAPTATIONS	OTHER	0	0	1,000

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 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	Discourt 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 : BROOKS ALT #1
 Scenario File : A:\COBRA\BROOKS-1.CBR
 Std Fctrs File : A:\COBRA\BROOKS.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	(SF)	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 OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE



13 JUN 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo, Jr.)

FROM: HQ USAF/RT

SUBJECT: Brooks AFB Military Family Housing (MFH) Response (RT Tasker 584)

This responds to your tasker of April 3, 1995 (950404-2). We have carefully considered the possibility of transferring the responsibility for Brooks AFB MFH to Lackland AFB or Kelly AFB. We weighed the benefits from the total closure of this installation and elimination of its entire base operating support against the merit of the retention of MFH at Brooks AFB for use of other San Antonio personnel. We believe the best course of action is to retain the MFH at Brooks AFB to reduce the MFH deficit in the San Antonio area and hope you will take this into consideration in your review of the SECDEF recommendation.

We have attached a COBRA analysis for a Brooks AFB closure with retention of 170 MFH units supported by Lackland AFB. Please note the result of this Air Force action is a potential future cost avoidance of \$16.8M to the total cost to the U.S. Government for this recommendation by reducing the projected deficit in the San Antonio area by 136 units. The other 34 units will be used to off-set further increases to the projected MFH deficit created by BRAC 95 actions. The retention of the 170 MFH units has a beneficial effect only if the Brooks AFB closure be approved by the Defense Base Realignment and Closure Commission.

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

Attachment:
Brooks AFB Closure COBRA with MFH retained

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO16301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPOT\IN.SFF

Starting Year : 1996
 Final Year : 2001
 ROI Year : 2008 (7 Years)

NPV in 2015(\$K): -158,147
 1-Time Cost(\$K): 211,619

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	-233	0	86,009	25,514	0	0	111,290	0
Person	11	-136	-496	-2,247	-7,729	-15,252	-25,849	-19,687
Overhd	907	763	-218	-1,759	-4,176	-7,853	-12,337	-11,065
Moving	1,887	3,885	9,756	12,475	10,580	2,897	41,479	0
Missio	0	0	0	0	0	0	0	0
Other	2,059	4,126	10,318	12,480	10,414	2,360	41,758	0
TOTAL	4,632	8,637	105,369	46,462	9,088	-17,848	156,341	-30,752
	1996	1997	1998	1999	2000	2001	Total	
POSITIONS ELIMINATED								
Off	0	0	0	12	12	12	36	
Enl	0	0	0	70	70	67	207	
Civ	0	0	0	86	86	84	256	
TOT	0	0	0	168	168	163	499	
POSITIONS REALIGNED								
Off	37	77	196	236	196	49	791	
Enl	43	87	224	267	224	58	903	
Stu	0	0	0	0	0	0	0	
Civ	57	117	295	354	295	71	1,189	
TOT	137	281	715	857	715	178	2,883	

Summary:

COMMISSION REQUEST.
 AFCEE to Tyndall. Other Missn/Suppt to Lackland. AFMSA/AFMOA to Kelly.
 HSC, AL, SAM to Wright Patterson. AFIA Sqdn to Medina (Lackland)
 MILCON and personnel data as of 15 May 95

Assumes all MFH Retained and supported by Lackland AFB.
 Dining Hall O&M added, BCA reduction, Other cost reduction
 COMMISSION TASKER: 950404-2 RT TASKER: 584

Department : Air Force

Option Package : Brooks to Wright-Pat

Scenario File : C:\COBRA\REPORT95\COM-AUDT\BR016:01.CBR

Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEP011N.SFF

Costs (\$K) Constant Dollars		Savings (\$K) Constant Dollars	
1996	1997	1996	1997
Milcon	0	233	0
Person	583	572	572
Overhd	907	0	0
Moving	1,992	105	213
Missio	0	0	0
Other	2,059	0	0
TOTAL	5,543	910	2,557
Milcon	86,009	4,200	0
Person	29,714	9,930	4,754
Overhd	7,682	3,544	1,626
Moving	1,784	651	543
Missio	13,127	6,302	543
Other	10,318	10,120	0
TOTAL	112,292	18,325	6,924
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	1,992	0	0
Other	4,126	0	0
TOTAL	11,194	124	0
Milcon	0	0	0
Person	1,611	4,433	2,181
Overhd	1,359	59,219	2,189
Moving	4,098	22,189	0
Missio	0	0	0
Other	4,126	0	0
TOTAL	11,194	88,022	2,181
Milcon	86,009	4,200	0
Person	29,714	9,930	4,754
Overhd	7,682	3,544	1,626
Moving	1,784	651	543
Missio	13,127	6,302	543
Other	10,318	10,120	0
TOTAL	112,292	18,325	6,924
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	1,992	0	0
Other	4,126	0	0
TOTAL	11,194	124	0
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	0	0	0
Other	4,126	0	0
TOTAL	11,194	124	0
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	0	0	0
Other	4,126	0	0
TOTAL	11,194	124	0
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	0	0	0
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Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
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Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
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TOTAL	11,194	124	0
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	0	0	0
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TOTAL	11,194	124	0
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	0	0	0
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TOTAL	11,194	124	0
Milcon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	4,098	124	0
Missio	0	0	0
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Milcon	0	0	0
Person	0	0	0
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Moving	4,098	124	0
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Overhd	0	0	0
Moving	4,098	124	0
Missio	0	0	0
Other	4,126	0	0
TOTAL	11,194	124	0
Milcon	0	0	0
Person	0	0	0
Overhd	0	0</	

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 16:02 06/08/1995, Report Created 14:12 06/12/1995

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO1E301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPOTFIN.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	4,632,581	4,570,167	4,570,167
1997	8,636,689	8,292,291	12,862,458
1998	105,368,671	98,459,341	111,321,800
1999	46,462,363	42,253,714	153,575,514
2000	9,088,298	8,043,857	161,619,370
2001	-17,847,789	-15,373,910	146,245,460
2002	-30,752,137	-25,780,523	120,464,837
2003	-30,752,137	-25,090,630	95,374,207
2004	-30,752,137	-24,419,105	70,955,102
2005	-30,752,137	-23,765,552	47,189,550
2006	-30,752,137	-23,129,491	24,060,058
2007	-30,752,137	-22,510,454	1,549,605
2008	-30,752,137	-21,907,984	-20,358,379
2009	-30,752,137	-21,321,639	-41,680,019
2010	-30,752,137	-20,750,987	-62,431,006
2011	-30,752,137	-20,195,608	-82,626,613
2012	-30,752,137	-19,655,093	-102,281,706
2013	-30,752,137	-19,129,044	-121,410,750
2014	-30,752,137	-18,617,074	-140,027,825
2015	-30,752,137	-18,118,807	-158,146,632

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 16:02 06/08/1995, Report Created 14:12 06/12/1995

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BROT16301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPOTFIN.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	115,723,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		115,723,000
Personnel		
Civilian RIF	1,437,040	
Civilian Early Retirement	566,700	
Civilian New Hires	1,504,000	
Eliminated Military PCS	1,521,639	
Unemployment	247,428	
Total - Personnel		5,276,807
Overhead		
Program Planning Support	2,803,754	
Mothball / Shutdown	2,397,500	
Total - Overhead		5,201,254
Moving		
Civilian Moving	18,381,143	
Civilian PPS	2,217,600	
Military Moving	7,469,554	
Freight	757,976	
One-Time Moving Costs	14,834,000	
Total - Moving		43,660,274
Other		
HAP / RSE	1,653,610	
Environmental Mitigation Costs	0	
One-Time Unique Costs	40,104,000	
Total - Other		41,757,610
Total One-Time Costs		211,618,946

One-Time Savings		
Military Construction Cost Avoidances	4,433,000	
Family Housing Cost Avoidances	0	
Military Moving	2,180,730	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		6,613,730
Total Net One-Time Costs		205,005,216

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO16301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPCFIN.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost

WRIGHT-PATTERSON	95,852	0	0	0	95,852
BROOKS	0	0	0	-4,433	-4,433
BASE X	0	0	0	0	0
TYNDALL	11,102	0	0	0	11,102
KELLY	1,493	0	0	0	1,493
LACKLAND	7,276	0	0	0	7,276

Totals:	115,723	0	0	-4,433	111,290

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 16:02 06/08/1995, Report Created 14:12 06/12/1995

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO1\301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPO\FIN.SFF

PERSONNEL SUMMARY FOR: WRIGHT-PATTERSON, OH

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
3,709	2,993	0	14,109

PERSONNEL REALIGNMENTS:

From Base: BROOKS, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	33	67	169	203	169	36	677
Enlisted	32	65	164	196	164	35	656
Students	0	0	0	0	0	0	0
Civilians	37	75	189	226	189	40	756
TOTAL	102	207	522	625	522	111	2,089

TOTAL PERSONNEL REALIGNMENTS (Into WRIGHT-PATTERSON, OH):

	1996	1997	1998	1999	2000	2001	Total
Officers	33	67	169	203	169	36	677
Enlisted	32	65	164	196	164	35	656
Students	0	0	0	0	0	0	0
Civilians	37	75	189	226	189	40	756
TOTAL	102	207	522	625	522	111	2,089

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
4,386	3,649	0	14,865

PERSONNEL SUMMARY FOR: BROOKS, TX

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
640	999	0	1,766

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	187	0	0	0	0	187
Enlisted	0	111	0	0	0	0	111
Students	0	0	0	0	0	0	0
Civilians	0	-321	0	0	0	0	-321
TOTAL	0	-23	0	0	0	0	-23

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
827	1,110	0	1,445

PERSONNEL REALIGNMENTS:

To Base: WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001	Total
Officers	33	67	169	203	169	36	677
Enlisted	32	65	164	196	164	35	656
Students	0	0	0	0	0	0	0
Civilians	37	75	189	226	189	40	756
TOTAL	102	207	522	625	522	111	2,089

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO 6301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEP\ITFIN.SFF

To Base: TYNDALL, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	2	4	11	14	11	5	47
Enlisted	0	0	2	2	2	3	9
Students	0	0	0	0	0	0	0
Civilians	15	30	76	91	76	18	306
TOTAL	17	34	89	107	89	26	362

To Base: KELLY, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	8	10	8	5	35
Enlisted	0	0	2	2	2	2	8
Students	0	0	0	0	0	0	0
Civilians	2	5	12	5	12	4	50
TOTAL	3	8	22	17	22	11	93

To Base: LACKLAND, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	8	9	8	3	32
Enlisted	11	22	56	67	56	18	230
Students	0	0	0	0	0	0	0
Civilians	3	7	18	12	18	9	77
TOTAL	15	32	82	88	82	30	339

TOTAL PERSONNEL REALIGNMENTS (Out of BROOKS, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	37	77	196	236	196	49	791
Enlisted	43	87	224	267	224	58	903
Students	0	0	0	0	0	0	0
Civilians	57	117	295	354	295	71	1,189
TOTAL	137	281	715	857	715	178	2,883

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	-12	-12	-12	-36
Enlisted	0	0	0	-70	-70	-67	-207
Civilians	0	0	0	-86	-86	-84	-256
TOTAL	0	0	0	-168	-168	-163	-499

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO13301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPO*FIN.SFF

PERSONNEL SUMMARY FOR: TYNDALL, FL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
802	3,801	0	1,011

PERSONNEL REALIGNMENTS:

From Base: BROOKS, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	2	4	11	14	11	5	47
Enlisted	0	0	2	2	2	3	9
Students	0	0	0	0	0	0	0
Civilians	15	30	76	91	76	18	306
TOTAL	17	34	89	107	89	26	362

TOTAL PERSONNEL REALIGNMENTS (Into TYNDALL, FL):

	1996	1997	1998	1999	2000	2001	Total
Officers	2	4	11	14	11	5	47
Enlisted	0	0	2	2	2	3	9
Students	0	0	0	0	0	0	0
Civilians	15	30	76	91	76	18	306
TOTAL	17	34	89	107	89	26	362

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
849	3,810	0	1,317

PERSONNEL SUMMARY FOR: KELLY, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
825	3,539	0	14,036

PERSONNEL REALIGNMENTS:

From Base: BROOKS, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	8	10	8	5	35
Enlisted	0	0	2	2	2	2	8
Students	0	0	0	0	0	0	0
Civilians	2	5	12	15	12	4	50
TOTAL	3	8	22	27	22	11	93

TOTAL PERSONNEL REALIGNMENTS (Into KELLY, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	8	10	8	5	35
Enlisted	0	0	2	2	2	2	8
Students	0	0	0	0	0	0	0
Civilians	2	5	12	15	12	4	50
TOTAL	3	8	22	27	22	11	93

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
860	3,547	0	14,086

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BR013301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPOTFIN.SFF

PERSONNEL SUMMARY FOR: LACKLAND, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
1,787	4,738	0	2,578

PERSONNEL REALIGNMENTS:

From Base: BROOKS, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	8	9	8	3	32
Enlisted	11	22	56	67	56	18	230
Students	0	0	0	0	0	0	0
Civilians	3	7	18	22	18	9	77
TOTAL	15	32	82	98	82	30	339

TOTAL PERSONNEL REALIGNMENTS (Into LACKLAND, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	8	9	8	3	32
Enlisted	11	22	56	67	56	18	230
Students	0	0	0	0	0	0	0
Civilians	3	7	18	22	18	9	77
TOTAL	15	32	82	98	82	30	339

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,819	4,968	0	2,655

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 16:02 06/08/1995, Report Created 14:12 06/12/1995

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO16301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPOT=IN.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		57	117	295	354	295	71	1189
Early Retirement*	10.00%	6	11	27	32	27	6	109
Regular Retirement*	5.00%	3	6	13	16	13	3	54
Civilian Turnover*	15.00%	8	16	39	48	39	9	159
Civs Not Moving (RIFs)*+		3	7	16	19	16	3	64
Civilians Moving (the remainder)		37	77	200	239	200	50	803
Civilian Positions Available		20	40	95	115	95	21	386
CIVILIAN POSITIONS ELIMINATED		0	0	0	86	86	84	256
Early Retirement	10.00%	0	0	0	9	9	8	26
Regular Retirement	5.00%	0	0	0	4	4	4	12
Civilian Turnover	15.00%	0	0	0	13	13	13	39
Civs Not Moving (RIFs)*+		0	0	0	5	5	5	15
Priority Placement#	60.00%	0	0	0	52	52	50	154
Civilians Available to Move		0	0	0	3	3	4	10
Civilians Moving		0	0	0	3	3	4	10
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		57	117	295	354	295	71	1189
Civilians Moving		37	77	200	242	203	54	813
New Civilians Hired		20	40	95	112	92	17	376
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		6	11	27	41	36	14	135
TOTAL CIVILIAN RIFs		3	7	16	24	21	8	79
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	52	52	50	154
TOTAL CIVILIAN NEW HIRES		20	40	95	112	92	17	376

* 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%.

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO16301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPC\FIN.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	0	0	86,009	29,714	0	0	115,723
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	54	127	211	436	382	145	1,437
Civ Retire	25	46	113	172	151	59	567
CIV MOVING							
Per Diem	94	191	418	598	505	118	2,004
POV Miles	7	13	5	42	35	8	141
Home Purch	294	597	1,501	1,880	1,587	375	6,294
HHG	225	456	1,194	1,439	1,214	287	4,815
Misc	22	45	119	143	121	29	480
House Hunt	79	160	417	501	423	98	1,879
PPS	0	0	0	749	749	720	2,217
RITA	139	282	716	886	748	176	2,967
FREIGHT							
Packing	29	60	154	185	155	40	623
Freight	3	6	16	19	16	3	63
Vehicles	0	62	0	0	0	0	62
Driving	0	10	0	0	0	0	10
Unemployment	9	22	50	75	66	25	247
OTHER							
Program Plan	853	639	480	360	270	202	2,804
Shutdown	0	551	288	383	527	647	2,397
New Hire	80	160	380	448	368	68	1,504
1-Time Move	741	1,483	3,703	4,450	3,708	744	14,834
MIL PERSONNEL							
MIL MOVING							
Per Diem	22	45	114	137	114	25	458
POV Miles	15	31	73	93	78	17	312
HHG	276	561	1,425	1,712	1,426	325	5,727
Misc	47	95	243	290	242	55	972
OTHER							
Elim PCS	0	0	0	513	513	496	1,522
OTHER							
HAP / RSE	66	135	341	505	437	169	1,654
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,993	3,991	9,977	11,975	9,977	2,191	40,104
TOTAL ONE-TIME	5,074	9,770	108,228	57,709	23,814	7,024	211,619

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 16:02 06/08/1995, Report Created 14:12 06/12/1995

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO16301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPOT\IN.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	181	234	234	234	881	234
BOS	55	169	461	807	1,095	1,183	3,769	1,183
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	414	1,255	3,420	6,038	8,206	8,755	28,093	8,755
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	469	1,424	4,061	7,079	9,535	10,173	32,744	10,173
TOTAL COST	5,543	11,194	112,292	64,787	33,349	17,197	244,363	10,173
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	233	0	0	4,200	0	0	4,433	
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	105	213	543	651	543	124	2,181	
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	338	213	543	4,851	543	124	6,614	
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	404	1,027	1,533	2,234	3,180	8,378	3,765
BOS	0	192	599	2,011	4,068	6,940	13,811	8,718
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	2,006	6,017	9,981	18,004	11,940
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	472	1,416	2,360	4,248	2,832
Enl Salary	0	0	0	1,265	3,795	6,272	11,332	7,483
House Allow	572	1,747	4,754	6,187	6,187	6,187	25,635	6,187
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	572	2,344	6,380	13,474	23,717	34,920	81,408	40,925
TOTAL SAVINGS	910	2,557	6,924	18,325	24,261	35,044	88,022	40,925

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BR016301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPCFIN.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	-233	0	86,039	25,514	0	0	111,290	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	80	173	474	609	533	204	2,004	
Civ Moving	891	1,883	4,730	6,444	5,555	1,854	21,357	
Other	1,683	2,856	4,915	5,716	4,939	1,687	21,787	
MIL PERSONNEL								
Mil Moving	255	518	1,317	2,095	1,830	794	6,810	
OTHER								
HAP / RSE	66	135	311	505	437	169	1,654	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	1,993	3,991	9,917	11,975	9,977	2,191	40,104	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	4,735	9,557	107,684	52,857	23,271	6,900	205,005	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-404	-843	-1,299	-2,000	-2,947	-7,497	-3,531
BOS	55	-24	-133	-1,203	-2,973	-5,756	-10,041	-7,534
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	-2,006	-6,017	-9,981	-18,004	-11,940
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-1,737	-5,211	-8,632	-15,580	-10,315
House Allow	-158	-492	-1,331	-149	2,019	2,568	2,458	2,568
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	-103	-920	-2,318	-6,395	-14,183	-24,748	-48,664	-30,752
TOTAL NET COST	4,632	8,637	105,366	46,462	9,088	-17,848	156,341	-30,752

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BR01\301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPO\FIN.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
WRIGHT-PATTERSON	2,089	10%	302,350	2%	145
BROOKS	-3,382	-100%	-1,918,000	-100%	567
BASE X	0	0%	0	0%	0
TYNDALL	362	6%	91,000	2%	251
KELLY	93	1%	0	0%	0
LACKLAND	339	4%	10,300	0%	30

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
WRIGHT-PATTERSON	171,438	2%	82	302,906	5%	145
BROOKS	-3,765,000	-100%	1,113	-8,717,713	-100%	2,578
BASE X	0	0%	0	0	0%	0
TYNDALL	55,745	2%	154	338,594	3%	935
KELLY	0	0%	0	48,052	0%	517
LACKLAND	6,441	0%	19	494,010	2%	1,457

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
WRIGHT-PATTERSON	474,343	3%	227
BROOKS	-12,482,713	-100%	3,691
BASE X	0	0%	0
TYNDALL	394,339	3%	1,089
KELLY	48,052	0%	517
LACKLAND	500,451	2%	1,476

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 16:02 06/08/1995, Report Created 14:12 06/12/1995

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO1\301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPO\FIN.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-404	-846	-1,299	2,000	-2,947	-7,497	-3,531
BOS Change	55	-24	-139	-1,203	2,973	-5,756	-10,041	-7,534
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	55	-428	-986	-2,503	4,974	-8,703	-17,538	-11,065

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO 6301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPOTFIN.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
WRIGHT-PATTERSON, OH	Realignment
BROOKS, TX	Closes in FY 2001
BASE X	Realignment
TYNDALL, FL	Realignment
KELLY, TX	Realignment
LACKLAND, TX	Realignment

Summary:

 COMMISSION REQUEST. DOES NOT REFLECT AIR FORCE POSITION
 AFCEE to Tyndall. Other Missn/Suppt to Lackland AFMSA/AFMOA to Kelly.
 HSC, AL, SAM to Wright Patterson. AFIA Sqdn to Medina (Lackland)
 MILCON and personnel data as of 15 May 95

Assumes all MFH Retained and supported by Lackland AFB.
 Dining Hall O&M added, BCA reduction, Other cost reduction
 COMMISSION TASKER: 950404-2 RT TASKER: 584

(See final page for Explanatory Notes)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
WRIGHT-PATTERSON, OH	BROOKS, TX	1,265 mi
BROOKS, TX	BASE X	1,000 mi
BROOKS, TX	TYNDALL, FL	846 mi
BROOKS, TX	KELLY, TX	14 mi
BROOKS, TX	LACKLAND, TX	11 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from BROOKS, TX to WRIGHT-PATTERSON, OH

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	33	67	109	203	169	36
Enlisted Positions:	32	65	104	196	164	35
Civilian Positions:	37	75	119	226	189	40
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	19	0	0	0	0
Heavy/Special Vehicles:	0	35	0	0	0	0

Transfers from BROOKS, TX to TYNDALL, FL

	1996	1997	1998	1999	2000	2001
-----	-----	-----	-----	-----	-----	-----
Officer Positions:	2	4	11	14	11	5
Enlisted Positions:	0	0	2	2	2	3
Civilian Positions:	15	30	73	91	76	18
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 : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO 6301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEP(UTFIN.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from BROOKS, TX to KELLY, TX

	1996	1997	1998	1999	2000	2001
Officer Positions:	1	3	8	10	8	5
Enlisted Positions:	0	0	2	2	2	2
Civilian Positions:	2	5	12	15	12	4
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 BROOKS, TX to LACKLAND, TX

	1996	1997	1998	1999	2000	2001
Officer Positions:	1	3	8	9	8	3
Enlisted Positions:	11	22	56	67	56	18
Civilian Positions:	3	7	18	22	18	9
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

(See final page for Explanatory Notes)

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: WRIGHT-PATERSON, OH

Total Officer Employees:	3,709	RPMA Non-Payroll (\$K/Year):	11,009
Total Enlisted Employees:	2,993	Communications (\$K/Year):	5,714
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	0
Total Civilian Employees:	14,109	BOS Payroll (\$K/Year):	57,011
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	11,777
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	18,046	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	116	Activity Code:	AF092
Enlisted VHA (\$/Month):	75		
Per Diem Rate (\$/Day):	93	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: BROOKS, TX

Total Officer Employees:	640	RPMA Non-Payroll (\$K/Year):	3,765
Total Enlisted Employees:	999	Communications (\$K/Year):	192
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	8,585
Total Civilian Employees:	1,766	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	19.0%	Family Housing (\$K/Year):	1,205
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):	1,918	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	AF009
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 : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO'6301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPTFIN.SFF

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:	0.0%	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:	00001
Enlisted VHA (\$/Month):	50	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	69	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.10		

Name: TYNDALL, FL

Total Officer Employees:	802	RPMA Non-Payroll (\$K/Year):	3,175
Total Enlisted Employees:	3,801	Communications (\$K/Year):	594
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,272
Total Civilian Employees:	1,011	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	48.0%	Family Housing (\$K/Year):	6,390
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.75
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,817	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	65	Activity Code:	86
Enlisted VHA (\$/Month):	55	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	75	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):	13,946
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:	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: LACKLAND, TX

Total Officer Employees:	1,787	RPMA Non-Payroll (\$K/Year):	6,730
Total Enlisted Employees:	4,738	Communications (\$K/Year):	663
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	24,111
Total Civilian Employees:	2,578	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	21.0%	Family Housing (\$K/Year):	3,991
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):	10,008	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	AF046
Enlisted VHA (\$/Month):	80	Homeowner Assistance Program:	Yes
Per Diem Rate (\$/Day):	97	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO13301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPCIFIN.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: TYNDALL, 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(%):	0%	0%	00%	0%	0%	0%
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):	0					
		Perc Family Housing ShutDown:				0.0%

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%	100%	0%	0%	0%
Shutdown Schedule (%):	0%	23%	2%	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):	0					
		Perc Family Housing ShutDown:				0.0%

Name: LACKLAND, 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%	100%	0%	0%	0%
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):	0					
		Perc Family housing ShutDown:				0.0%

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO 6301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPUTFIN.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: BROOKS, TX

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	187	0	0	0	0
Enl Force Struc Change:	0	111	0	0	0	0
Civ Force Struc Change:	0	-321	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	-12	-12	-12
Enl Scenario Change:	0	0	0	-70	-70	-67
Civ Scenario Change:	0	0	0	-86	-86	-84
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: WRIGHT-PATTERSON, OH

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
WPAFB Facilities	OTHER	302,350	323,200	88,095
AFMC 5/15/95				
Plan & Des WPAFB	OTHER	0	0	7,487
8.5%				
Dining Hall with P&D	OTHER	0	0	270
1391 done by ANG				

Name: TYNDALL, FL

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Miss Fac Tyndall	OPERA	91,000	0	10,232
AFMC 5/15/95				
Plan & Des Tyndall	OTHER	0	0	870
8.5%				

Name: KELLY, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Fac Kelly	OTHER	0	14,000	1,376
AFMC 5/15/95				
Plan & Des Kelly	OTHER	0	0	117
8.5%				

Name: LACKLAND, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Fac Lackland	OTHER	10,300	9,600	6,706
AFMC 04/30/95				
Plan & Des Lackland	OTHER	0	0	570
8.5%				

Department : Air Force
 Option Package : Brooks to Wright-Pat
 Scenario File : C:\COBRA\REPORT95\COM-AUDT\BRO16301.CBR
 Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEPTFIN.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 Merican 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 B10H 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: 0.00% 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 Four 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			

Department : Air Force
Option Package : Brooks to Wright-Pat
Scenario File : C:\COBRA\REPORT95\COM-AUDT\BR16301.CBR
Std Fctrs File : C:\COBRA\REPORT95\COM-AUDT\DEFOTFIN.SFF

EXPLANATORY NOTES (INPUT SCREEN NINE)

Vehicle data provided by telecon, 1/5/95

One-Time Moving, One-Time Unique, provided AFMC 04/30/95-5/3/95

MILCON data AFMC 5/15/95

Personnel AF/PE 5/15/95