

**UNCLASSIFIED**

DoD Base Closure and Realignment  
Report to the Commission

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**DEPARTMENT OF THE AIR FORCE**  
**BASE CLOSURE EXECUTIVE GROUP**  
**MEETING MINUTES**

**(Volume III of III)**

**February 1995**

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**UNCLASSIFIED**







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**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

23 JAN 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 1 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Walters, AF/PE  
Lt Col Jarman, AF/XOOT  
Maj Linsenmeyer, AF/REXP

The meeting was called to order by Maj Gen Blume. Maj Linsenmeyer, AF/REXP, briefed the AFRES Fighter/Tanker/Strategic Airlift Force Structure plan, using the slides at Atch 1. The briefed options are potential force structure and basing decisions that were examined from an operational and cost standpoint. For the move from Bergstrom to NAS Fort Worth, there would be a cost avoidance of conversion of the Bergstrom AFRES unit to KC-135 aircraft.

After the discussion on the various options presented, Brig Gen Bradley noted that, in regard to the C-130 bases presented previously, AFRES believes no closures are justified at this time due to insufficient savings. Other members of the BCEG questioned this conclusion and recommended that we continue the analysis of operational and cost factors to determine whether the closure of one or more of these bases is advisable. After discussion, the BCEG agreed to leave this issue open and get refined cost figures to support the options in today's briefing.

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## CLOSE HOLD - BCEG/BCEG STAFF ONLY

Lt Col Jarman, AF/XOOT, briefed the alternatives from the UPT JCSG, using the slides at Atch 2. He noted that, although JPATS was not in the force structure program, it should be considered as a capacity factor to accommodate the conversion. He also presented an Air Force-only capacity analysis from AETC in order to compare the JCSG approach with that of the Air Force. One major difference in analysis was the exclusion from JCSG consideration of the Introduction to Fighter Fundamentals syllabus requirements, which account for significant capacity use at three Air Force bases.

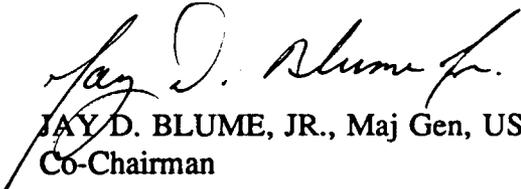
The BCEG then discussed the JCSG alternatives. They found the Alternative One scenario including gaining capacity from outlying fields at closing training activities consistent with the Air Force process. Alternatives Two and Three were considered high-risk because of the minimal excess capacity available in each. The BCEG approved the Air Force capacity analysis offered by AETC and the presentation of the briefing to the SECAF.

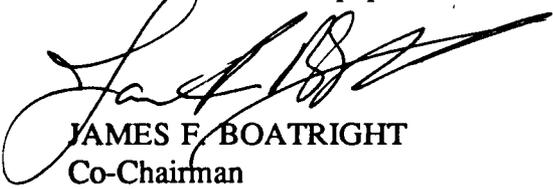
Mr. Orr briefed the alternatives for depot activities received from the Depot JCSG, using the slides at Atch 3. Mr. Orr noted an error on the charts related to the Strat Msl Cmpt commodity at Kelly AFB and the Software commodity at McClellan AFB. The charts have been annotated to reflect those corrections. He also presented some preliminary COBRA analysis of the depot closures, noting that these are incomplete and based on a cursory look at expected costs. The BCEG noted that the COBRA numbers for the dual closures were incorrect as briefed, and noted that only a detailed analysis of the combined closures could produce the required information.

In discussing the JCSG alternatives, Mr. Orr noted that the JCSG used the tiering by depot activity for its military value factor, rather than the tiering by installation, both of which were provided by the Air Force. At Atch 4 are JCSG slides that were presented by Mr. Orr on issues related to that process. At Atch 5 is a map of Kelly AFB that addressed some of the issues related to the retention of the AFRES, ANG, and Intelligence areas. After receiving the briefing, the BCEG recommended this briefing be given to SECAF as consistent with the Air Force analysis.

There being no further matters to discuss, the meeting was adjourned at 1325. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:            Selfridge Employment data  
                              BCWG verification of ANG COBRA  
                              Squadron size and number of units white paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

## CLOSE HOLD - BCEG/BCEG STAFF ONLY

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

**Attachments**

1. AFRES Opportunities
2. UPT JCSG Alternatives
3. Depot JCSG Alternatives
4. Depot materials
5. Map of Kelly AFB

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



**AIR FORCE BCEG AFRES ANALYSIS**

**AIR FORCE RESERVE  
FIGHTER/TANKER/STRAT AIRLIFT  
FORCE PLAN**

**MAJOR LINSENMEYER  
HQ USAF/REXP**

**BCEG CLOSE HOLD**

Maj Richardson - AFRES - AFRES BCEG.PPT  
12/24/04, 9:23 PM

1



**AIR FORCE BCEG AFRES ANALYSIS**

**AFRES GAME PLAN**

- **CONSOLIDATE WHERE IT MAKES SENSE**
  - **OPERATIONALLY**
  - **COST EFFECTIVELY**

**BCEG CLOSE HOLD**

Maj Richardson - AFRES - AFRES BCEG.PPT  
12/24/04, 9:23 PM

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**AIR FORCE BCEG AFRES ANALYSIS**

**AIR FORCE RESERVE**

- BERGSTROM
- CARSWELL
- HOMESTEAD
- GRISSOM
- MARCH
- WESTOVER

**BCEG CLOSE HOLD**

Mal Richardson/AMSTR\_AFR\_BCEG.PPT/12/26/04, 6:23 PM

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**AIR FORCE BCEG AFRES ANALYSIS**

**FIGHTER FORCE**

- PROGRAMMED FOR 60 F-16s (FY97/4)
  
- REDIRECT FOR BERGSTROM
  1. F-16s AT BERGSTROM MOVE TO NAVAL AIR STATION FORT WORTH, JOINT RESERVE BASE, CARSWELL FIELD (NAS FORT WORTH)
  
- \* COST EFFECTIVE
  - \$24.5M MILCON SAVINGS
  - 209 BOS POSITIONS/\$20.9M

**BCEG CLOSE HOLD**

Mal Richardson/AMSTR\_AFR\_BCEG.PPT/12/26/04, 6:23 PM

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**AIR FORCE BCEG AFRES ANALYSIS**

**FIGHTER FORCE (cont)**

**2. HQ 10TH AIR FORCE MOVES TO NAS FORT WORTH**

- \* OPERATIONALLY
- COLLOCATED

**BCEG CLOSE HOLD**

Maj Richard... AFRES AFRES BCEG 0274  
12/04/04, 6:28 PM



**AIR FORCE BCEG AFRES ANALYSIS**

**FIGHTER FORCE (cont)**

**3. THE 8 PAA KC-135 WOULD BE REPROGRAMMED TO MACDILL OR SEYMOUR JOHNSON**

- \* OPERATIONALLY
- LOCATION
- \* COST EFFECTIVE

<b>ONE TIME COST</b>	<b>ROI</b>	<b>NPV</b>	<b>STEADY STATE</b>
<b>\$33.8M</b>	<b>2</b>	<b>(\$84.5M)</b>	<b>\$7.0M</b>

**BCEG CLOSE HOLD**

Maj Richard... AFRES AFRES BCEG 0274  
12/04/04, 6:28 PM



**AIR FORCE BCEG AFRES ANALYSIS**

**FIGHTER FORCE (cont)**

- **HOMESTEAD**
  1. **F-16s REMAIN AT HOMESTEAD**
    - \* **OPERATIONALLY**
  2. **REDIRECT THE 301ST RESCUE SQUADRON TO REMAIN IN PLACE AT PATRICK**
    - \* **OPERATIONALLY**
    - \* **COST EFFECTIVE**

**BCEG CLOSE HOLD**

Maj Richard W. AERIN AFR BCEG PPTA  
12/24/04, 6:23 PM

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**AIR FORCE BCEG AFRES ANALYSIS**

**TANKER FORCE**

- **GRISSOM**
  - **ONLY AFRES KC-135 HOST LOCATION**
    - \* **OPERATIONALLY**
      - **LOCATION**
      - **RETENTION**

**BCEG CLOSE HOLD**

Maj Richard W. AERIN AFR BCEG PPTA  
12/24/04, 6:23 PM

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**AIR FORCE BCEG AFRES ANALYSIS**

**STRAT AIRLIFT**

- **MARCH**
  1. **KC-135s AND C-141s REMAIN AT MARCH**
    - \* **OPERATIONALLY**
      - **LOCATION**
      - **1ST MARINE EXPEDITIONARY FORCE**

**BCEG CLOSE HOLD**

Maj Richard... AFRES... BCEG... 12/04, 6:23 PM

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**AIR FORCE BCEG AFRES ANALYSIS**

**STRAT AIRLIFT**

- **C-5s AT KELLY AND WESTOVER**

**C-5s REMAIN AT KELLY AND WESTOVER**

  - \* **NOT OPERATIONALLY OR COST EFFECTIVE**
    - >**\$100M**

**BCEG CLOSE HOLD**

Maj Richard... AFRES... BCEG... 12/04, 6:23 PM

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## AIR FORCE BCEG AFRES ANALYSIS

- BERGSTROM - REDIRECT/CLOSURE
- CARSWELL - REDIRECT/FORCE STRUCTURE
- HOMESTEAD - REDIRECT/301ST
- GRISSOM - NO CHANGE
- MARCH - NO CHANGE
- WESTOVER - NO CHANGE

BCEG CLOSE HOLD

Maj Richard... AFRES AFR BCEG DET1  
12/6/04, 5:23 PM

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## AIR FORCE BCEG AFRES ANALYSIS

- THIS FORCE BASING STRUCTURE MEETS THE AFRES REQUIREMENTS FOR THE 21ST CENTURY
  - ENHANCES OUR CONTRIBUTION TO THE TOTAL FORCE
    - \* OPERATIONAL READINESS
      - MAINTAIN HIGH RECRUITING STANDARDS
    - \* GEOGRAPHICAL ADVANTAGES

BCEG CLOSE HOLD

Maj Richard... AFRES AFR BCEG DET1  
12/6/04, 5:23 PM

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**AIR FORCE BCEG AFRES ANALYSIS**

**RECOMMENDATION**

**BCEG APPROVE THE PROPOSED AFRES  
BASE STRUCTURE, AS AMENDED BY BCEG  
DISCUSSION**

**BCEG CLOSE HOLD**

Maj Richard... AFRES... BCEG...  
12/24/04, 8:23 PM

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# *JOINT UPT BRAC*



## *AIR FORCE PERSPECTIVES AND ANALYSIS*

1 Dec 94

# *OVERVIEW*



- *Tasking*
- *Review of Joint Cross-Service Group Alternatives*
- *Independent UPT Capacity Analysis*
- *Recommended Response*

# TASKING



*"In responding to these alternatives, you are requested to provide your assessments and comments..."*

*"We are especially interested in identifying any analytical considerations that may have been overlooked or were beyond the purview of the Joint Group..."*

Excerpted from 23 Nov 94 memo from UPT Joint Cross-Service Group to AF/RT

# TASKING (Cont)

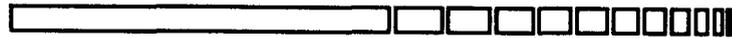


*"Working together, the Joint Cross-Service Groups (JCSGs) and the Military Departments will apply their collective judgment to develop feasible functional alternatives that will strive to maximize infrastructure (overhead) reductions at minimal cost."*

*"The JCSGs and Military Departments will continue to interact during November and December..."*

Excerpted from 23 Nov 94 memo from Assistant Secretary of Defense for Economic Security to Secretaries of the Military Departments

## OVERVIEW



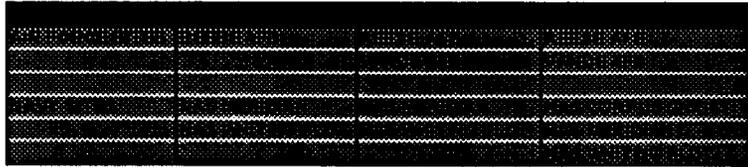
- *Tasking*
- *Review of Joint Cross-Service Group Alternatives*
- *Independent UPT Capacity Analysis*
- *Recommended Response*

## OVERVIEW OF ALTERNATIVES



- *For All Alternatives:*
  - *Rotary-Wing Training Consolidates at Fort Rucker, AL*
  - *Flight Screening Remains at Hondo Municipal Airport, TX, and USAF Academy, CO*

*JOINT CROSS-SERVICE  
GROUP ALTERNATIVES*

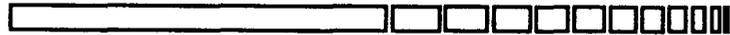


*OVERVIEW*



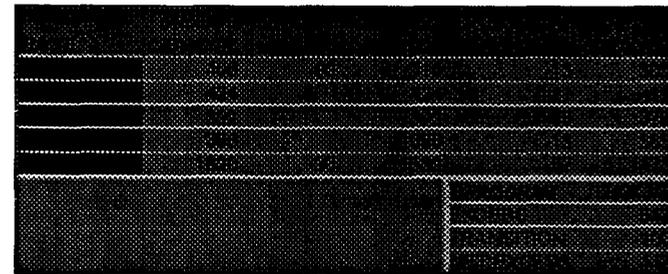
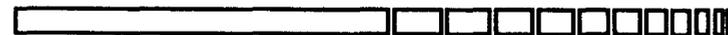
- *Tasking*
- *Review of Joint Cross-Service Group Alternatives*
- *Independent UPT Capacity Analysis*
- *Recommended Response*

## AETC CAPACITY ANALYSIS (CERTIFIED DATA)



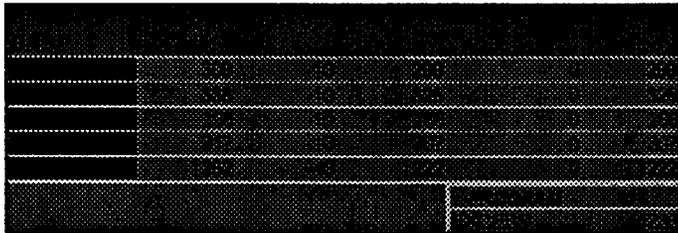
- *Derived from HQ AETC/XOT automated model*
- *Considers Air Force requirements and Air Force sites*
- *Assumes current three aircraft per base Specialized UPT (SUPT) program*
- *Capacity is expressed in "SUPT Graduate Equivalentents"*
- *Four SUPT bases only*
  - *Excludes Euro-NATO Joint Jet Pilot Training (ENJJPT) at Sheppard AFB*
  - *Excludes Pilot Instructor Training (PIT) at Randolph AFB*

## AETC CAPACITY ANALYSIS UNCONSTRAINED BY AIRCRAFT



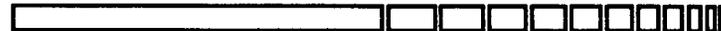
- *Reduction for JPATS transition offsets interruption, inefficiencies and extra training which reduce plant capacity during transition period at each base*

**AETC CAPACITY ANALYSIS**  
**CONSTRAINED BY AIRCRAFT (T-37 IS LIMITER)**



- *No reduction for JPATS transition*

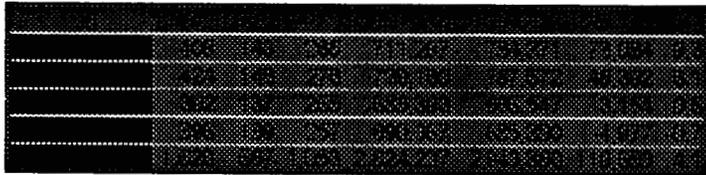
**AETC CAPACITY ANALYSIS: CONCLUSION**



*"The data provided by the model leads to the conclusion that the Air Force has excess capacity equivalent to one SUPT base.*

*AETC/XO response to BCEG data call*

*ATTEMPT TO COMPARE  
AETC/JOINT GROUP ANALYSES*



**CAVEATS:**

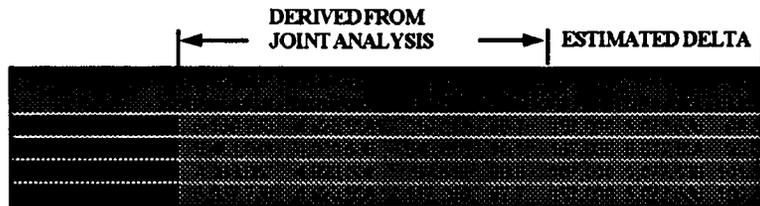
- *AETC model doesn't include PIT requirements*
- *AETC model based on 3 aircraft per site*

*SUMMARY OF ADDITIONAL  
FACTORS IDENTIFIED BY AETC*



- *IFF: 90 SUPT equivalents annually*
  - *Approximately 157,000 airfield operations (about 3% of total DoD required capacity)*
- *Disruption during JPATS transition: 100 SUPT equivalents*
  - *Approximately 174,000 airfield operations (3.5%)*
- *Aircraft capacity limitations: 156 SUPT equivalents*
  - *Approximately 267,000 airfield ops (5.4%)*
  - *Not additive to above limitations*

## *EFFECT OF IFF*



## *OVERVIEW*



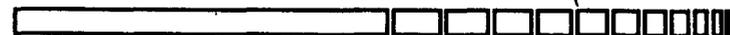
- *Tasking*
- *Review of Joint Cross-Service Group Alternatives*
- *Independent UPT Capacity Analysis*
- *Recommended Response*

*RECOMMENDED RESPONSE  
TO JOINT CROSS-SERVICE GROUP*



*We concur with alternative one. It achieves savings at a reasonable level of risk while leaving some flexibility to accommodate the many changes UPT is undergoing. We do not agree with alternatives two and three. They entail significant risk to achieve capacity which we estimate would be insufficient to complete the UPT mission.*

*RECOMMENDED  
OVERALL COMMENTS (ATCH 1)*



*IFF: AETC has provided us with a certified capacity analysis indicating IFF and other non-UPT training requires capacity equivalent to 90 SUPT graduates. We estimate this is just over 3% of the DoD UPT total capacity requirements annually.*

*Disruption for functional moves: No estimate.*

*New training systems: From the certified AETC analysis we estimate interruption, inefficiencies, and extra training will absorb capacity of approximately 3.5% of DoD requirements*

**RECOMMENDED COMMENTS  
ON ALTERNATIVE ONE**



*We concur with this alternative. It represents significant savings with acceptable risk. It achieves nearly 99% capacity utilization when allowing for IFF, which is a potential problem. The possibility of preserving excess capacity from existing outlying fields can reduce this to about 93%. This would allow reasonable capability to recover from periods of bad weather and to overcome the disruption of functional relocations or introduction of new training systems.*

**RECOMMENDED COMMENTS  
ON ALTERNATIVES TWO AND THREE**



*We do not concur with these alternatives. They hinge on major assumptions about preserving capacity, and still exceed 100% of capacity utilization when including collateral requirements.*

*The outlying field under consideration for Columbus AFB is at the limits of usability for primary training, which will reduce its contribution to capacity. The optempo necessary to support the training loads under the proposed configuration at some sites is unprecedented and poses increased risk.*

**RECOMMENDED COMMENTS  
ON ALTERNATIVES TWO AND THREE (CONT)**



*Even under the best of conditions, we recommend a capacity buffer. For the foreseeable future, UPT will undergo the turmoil of multiple base closures and the fielding of new aircraft including the Air Force T-1, the Navy T-45, and both services' JPATS. A sufficient buffer is critical.*

*The uncertainty in achieving the indicated DoD capacity, combined with the fact that requirements exceed 100% of this capacity, entail an unacceptable risk.*

**CLOSING THOUGHT:  
ADDITIONAL RECOMMENDATIONS?**



- *We do not propose recommending additional alternatives to the JCSG*
- *Alternative one fits with the certified AETC analysis*
- *Alternative one accommodates the level of infrastructure postulated by AETC/CNATRA in their uncertified study*
- *The optimization model selected the infrastructure level in alternative one*
- *Which Navy sites to close is a Navy issue*



# Air Force Depot Closure Alternatives



## Overview

- General Guidelines
- Close Kelly AFB
  - Depot Maintenance Workload
  - Product Management
  - Tenants
- Close McClellan AFB
  - Depot Maintenance Workload
  - Product Management
  - Tenants
- Close Kelly and McClellan



## **General Guidelines**

- **Co-locate Depot Maintenance and Product Management**
- **Address Transfer of Tenants**
  - **Supporting Agencies May Disperse or Disband**



## **Alternative #1**

***Close Kelly AFB***

## Kelly AFB Closure

### *Inter-Air Force Workload Transfer*

	DC-ALC	OO-ALC	SM-ALC	WR-ALC
TTB	621			
Act Structures	19			
Hydraulics			4	
Instruments			5	
Landing Gear	4			
Avionics				31
Engines	2609			
Aircraft Other	93			
Strat Msl Cmpt	57	57		
APUs	107			
Software	189			
TMDE		409		
Assoc Man/Fab	120			
<b>Total</b>	<b>3990</b>	<b>409</b>	<b>9</b>	<b>31</b>

Direct labor hours in thousands

## Kelly Management Functions\*

### Function

- Aerospace Fuels
- Mature & Proven Acft (FMS)

### New Location

- Tinker AFB/DLA
- Tinker AFB

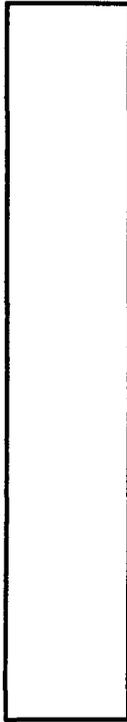
\* Management Functions Follow Depot Workload

## Kelly Tenant Organizations

<u>Organization</u>	<u>Pers</u>	<u>New Location</u>
■ Air Intelligence Agency	3000	Retain as Lackland
■ Defense Logistics Agency	937	Disband/Disperse
■ Defense Commissary Agency	482	Relocate DECA HQ Portion Only
■ Defense Accounting Office	179	Disband/Disperse
■ AFRES		
■ 433 Airlift Wing (14 C-5s)	3009	TBD
■ Aeromedical Unit	216	Lackland
■ Texas ANG (15 F-16s)	1213	Bergstrom AFB
■ 1827 Electronics Inst Sqdn	309	Lackland

## Kelly Closure Variants

- Extend Lackland AFB to Include AFRES/ANG
  - Assumes Joint-Use Runway
- Contract Part or All C-5 Maintenance



## Alternative #2

*Close McClellan AFB*



## McClellan AFB Closure

*Inter-Air Force Workload Transfer*

Commodity	Gaining Location		
	OC-ALC	OO-ALC	WR-ALC
TTB	441		
Light Combat		757	154
Acft Structures		333	18
Hydraulics			
Instruments	137		
Avionics (F-111)		73	
Ground Radar		45	
Radio Comm		17	
Wire Comm		11	
Nav Aids		16	
Electro Optics		19	
Satellite Sensor		22	
Gnd Generators	15		
Software	19		374
<b>Total</b>	<b>1446</b>	<b>2466</b>	<b>312</b>

Direct labor hours in thousands

## CRITERIA IV & V

*Preliminary Data*

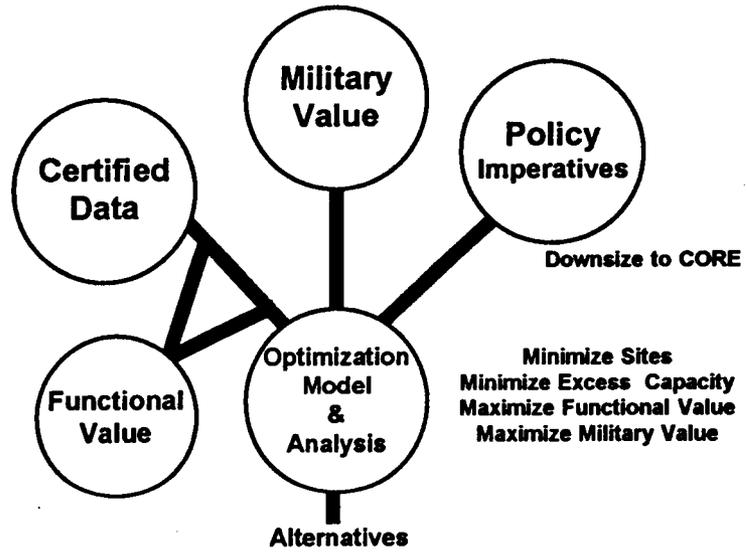
	1-TIME COST (\$M)	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
KELLY AFB	692	(68)	(66)	13	1201
SACRAMENTO AFB	610	(388)	(86)	7	1643
DUAL CLOSURE	1302	(466)	(151)	10	2844

\*\*\* Does not include tenant MILCON, military family housing, or Base Conversion Agency closure costs.

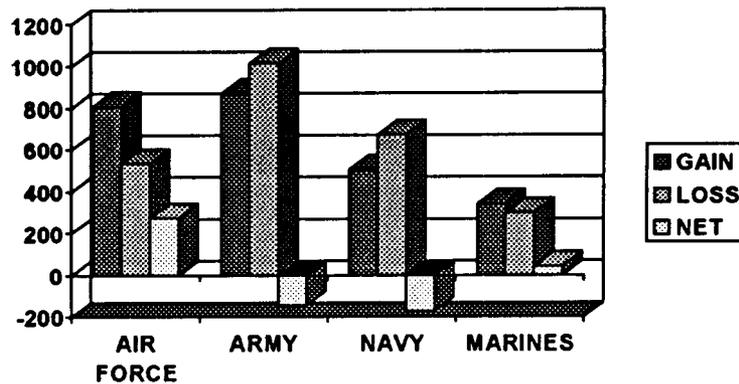
## Interservicing Options



## JCSG Process



## JCSG-DM ALTERNATIVE 1 NET RESULTS (SA-ALC CLOSURES)



## McClellan Management Functions \*

<u>Function</u>	<u>New Location</u>
■ F-117A	■ Tinker
■ F-22	■ Warner Robins
■ QL Specialized Management	■ TBD

\* Management Functions Follow Depot Workload

## McClellan Tenant Organizations

<u>Organization</u>	<u>Pers</u>	<u>New Location</u>
■ Defense Commissary Agency	169	Disband/Disperse
■ DFAS	139	Disband/Disperse
■ Defense Logistics Agency	603	Disband/Disperse
■ US Coast Guard	190	Moffit Field?
■ ARFRES		
■ HQ 4th Air Force	314	March AFB
■ 940 Air Refueling Wing (9 KC-135Es)	884	Beale (BRAC 93)
■ Detachment 42	142	Tinker
■ Technical Operations	388	Offutt
■ 1849 Electronics Sqdn	309	Travis

## Alternative #3

### Close Kelly AFB & McClellan AFB

### Kelly and McClellan Closure Inter-Air Force Transfer

	SA-ALC	SM-ALC	OC-ALC	OO-ALC	WR-ALC
TTB			1269		
Light Combat				120	38
Air Structures			13	111	
Hydraulics			25		
Instruments			18		
Landing Gear			4		
Avionics (F-111)				25	
Aircraft Other			13		
Engines			202		
Blades & Vanes			78		
Ground Radar				25	
Radio Comm				15	
Wire Comm				10	
Nav Aids				10	
Electro Optics				10	
Satellite Sensor				10	
Grnd Generators				10	
Software			199	150	
<b>Total</b>			<b>4792</b>	<b>2729</b>	<b>157</b>

Direct labor hours in thousands



# Kelly AFB Closure

## Inter-Service Workload Transfer

	OC	OO	SM	WR	NDP-CH	NDP-NI	TOAD	ANAD
TTB	823							
Trainer Acft	0							
Acft Structures	19							
Hydraulics			3					
Instruments			8					
Landing Gear	4							
Avionics				31				
APUs					107			
Other Acft	83							
Engines	2000							
Blades/Vanes	24							
Strategic Miss		37						
Munitions Ord								2
Software	169							
TMDE						169	241	
Assoc Manufact	720							
<b>Total</b>	<b>3,884</b>	<b>37</b>	<b>0</b>	<b>31</b>	<b>107</b>	<b>169</b>	<b>241</b>	<b>2</b>

Direct labor hours in thousands

# Kelly Closure

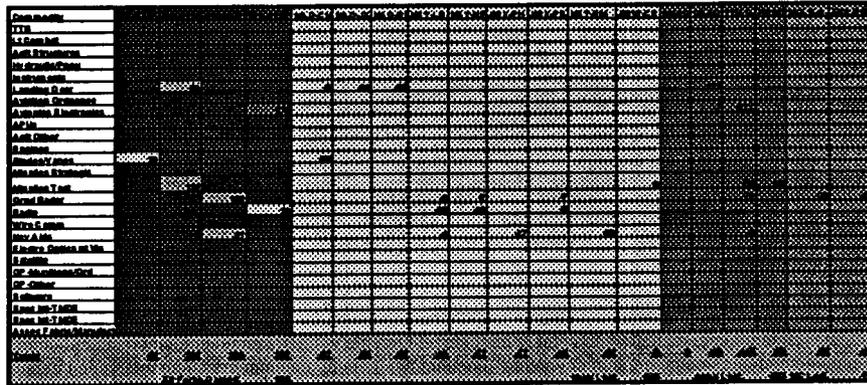
## Interservice Workload Lost

Commodity	NDP-CH	NDP-NI	TOAD	ANAD
TTB				
Lt Combat				
Acft Structures				
Hydraulic/Pneu				
Instruments				
Landing Gear				
Aviation Ordnance				
Avionics Electronics				
APUs				
Acft Other				
Engines				
Blades/Vanes				
Missiles Strategic				
Missiles Tact				
Grnd Radar				
Radio				
Wire Comm				
Nav Aids				
Electro Optics nt Vis				
Satellite				
GP-Munitions/Ord				
GP-Other				
Software				
Spec Int-Bearings				
Spec Int-TMDE				
Assoc Fabric/Manufact				



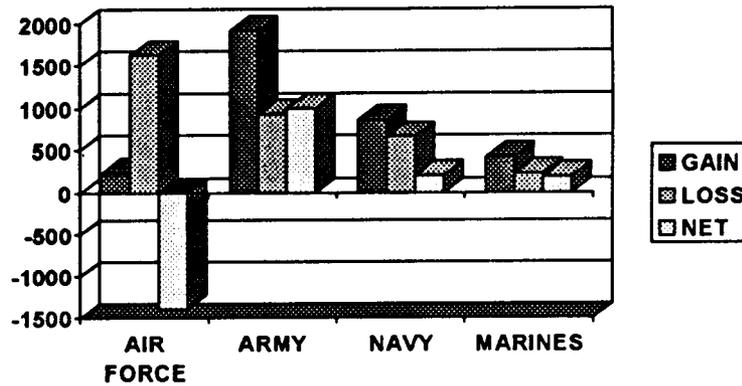
# Kelly Closure

*Interservice Gained Workloads*



K  
DLH

## JCSG-DM ALTERNATIVE 2 NET RESULTS (SA-ALC & SM-ALC CLOSE)





### Kelly AFB & McClellan AFB Closures Inter-Service Workload Transfer

	BA	SM	OC	OO	WR	NDP CH	NDP NI	NSW CR	MC-A	MC-B	TOAD
ITB	423	424	3,289								
Light Combat		267		3,758	338						
Hydro/H Pneu				82							
Aer Structures	218	237	195								
Hydro/H Pneu	2	157	173								
Instruments	4	122	125								
Landing Gear	4		4								
Avionics	51	154			354						
APUs	107					187					
Other Aer	85		83								
Engines	289		2,828								
Missiles Test	27			17							
Ground Radar		230									130
Radio Comm		174									174
Wire Comm		118									118
Nav Aids		185									185
Electro Optics		128						109			109
Satellite Sensor		38									38
GP Avionics/Ord		11							5	6	12
GP Other		11							5	6	12
Software	188	284	178	84							
INDE	21							243			243
Assoc Fab Mfg	124		118	205	54						
<b>Total</b>	<b>-4,438</b>	<b>1,518</b>	<b>5,180</b>	<b>1,599</b>	<b>588</b>	<b>107</b>	<b>241</b>	<b>109</b>	<b>5</b>	<b>56</b>	<b>1,089</b>

Direct labor hours in thousands

### Kelly and McClellan Closure Interservice Gained Workloads

	BA	SM	OC	OO	WR	NDP CH	NDP NI	NSW CR	MC-A	MC-B	TOAD
ITB											
LI Combat											
Aer Structures											
Hydro/H Pneu											
Instruments											
Landing Gear											
Aviation Ordnance											
Avionics Electronics											
APUs											
Aer Other											
Engines											
Blades/Vanes											
Missiles Strategic											
Missiles Test											
Ground Radar											
Radio											
Wire Comm											
Nav Aids											
Electro Optics et Vis											
Satellite											
GP Avionics/Ord											
GP Other											
Software											
Spec Int-TMDE											
Spec Int-TMDE											
Assoc Fabric/Manufact											
<b>Total</b>	<b>59</b>	<b>187</b>	<b>5</b>	<b>27</b>	<b>28</b>	<b>23</b>	<b>11</b>	<b>18</b>	<b>10</b>	<b>12</b>	<b>12</b>
Air Force Gained											
Army Lost											



# Summary of Potential Closures

	MIN SITES		MIN EXC CAP		MIL VAL	FUNC VAL
	F/V	M/V	F/V	M/V	F/V	
	#1	#1	#1	#1	#1	#1
ANAD						
CCAD			D			
LEAD			X			
RRAD			X			A
TOAD						
OC-ALC						
OO-ALC						
SA-ALC			X			
SM-ALC			X			
WR-ALC						
AMARC			D			D
MCLB AL						
MCLB BA						A
NADEP CP						
NADEP JX			X			
NADEP NI						
NSY LB			P			
NSY NF						
NSY PH			P			A
NSY PM			P			A
NSY PS						
NWC CR						X
NWC LO			X			
NUWC KP			P			A
Model Total			8			2
DAT Total			8			6

ATCM 4

# ***Data Analysis Team Recommendations***

## ● **Minimize Sites #1**

- Identifies 8 potential closures
- Reduces production lines by approximately 41 percent

## ● **Single sites (13)**

Command & Control Aircraft

Landing Gear Overhaul

Strategic Missiles

Self propelled ground vehicles

Radar

Other grnd gen'l purpose items

Tanks (Ground Combat Vehicles)

Satellite Control/Space Sensors

Blades and Vanes (Type 2)

Towed Combat Vehicles

Electronic Warfare

Small Arms/Personal Weapons

Ground generators



# *Data Analysis Team Recommendations*

- **Maximize Excess Capacity #1**

- Identifies 8 potential closures
- Reduces production lines by approximately 45 to 46 percent

- **Single sites(13)**

Command & Control Aircraft

Landing Gear Overhaul

Strategic Missiles

Self propelled ground vehicles

Radio Communications

Ground generators

Munitions/Ordnance

Satellite Control/Space Sensors

Blades and Vanes (Type 2)

Towed Combat Vehicles

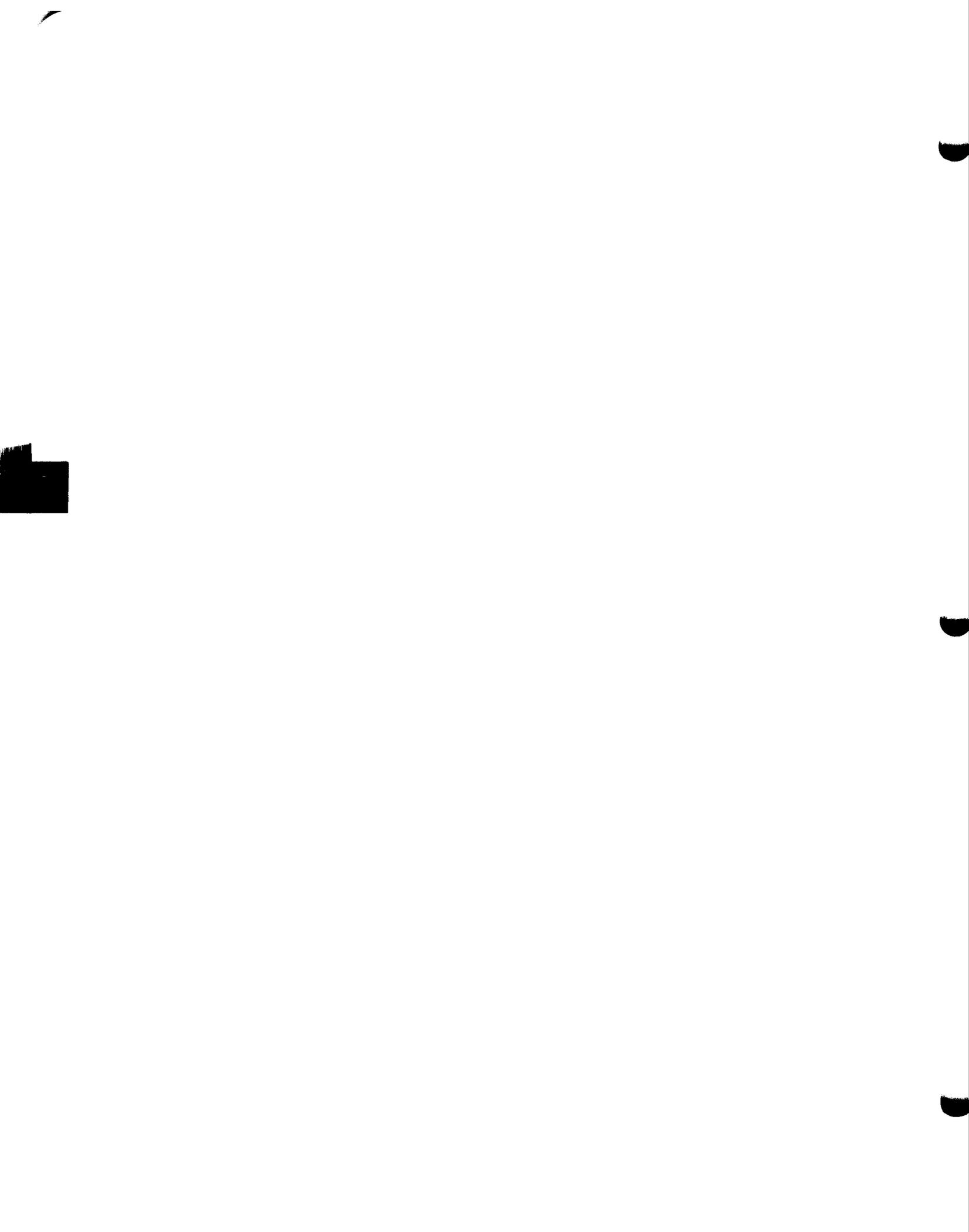
Electronic Warfare

Small Arms/Personal Weapons

Tanks (Ground Combat Vehicles)







**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

20 FEB 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 6 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Mr. Mleziva, AF/BCWG  
Lt Col Black, AF/RTR  
Mr. Carillo, AF/CEVP

The meeting was called to order by Mr. Boatright. The SECAF met on December 2, 1994, to review issues related to the Depot subcategory. An option of retaining the AFRES C-5 aircraft in a cantonment at Kelly AFB was considered and directed for further analysis. The SECAF then reviewed the alternatives as presented by the Depot JCSG. After reviewing capacity issues associated with the alternatives, the SECAF directed that Air Force concerns with Alternative #2 be communicated to the JCSG.

On December 5, 1994, the SECAF met to consider UPT JCSG alternatives. The SECAF agreed in principle that Alternative #1, in which Reese AFB would close, should be studied further. Operational concerns over Alternatives #2 and #3 were raised relating to the capacity

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## **CLOSE HOLD - BCEG/BCEG STAFF ONLY**

remaining after implementation and the assumptions on which those alternatives were based. The SECAF authorized a response to the JCSG raising these issues.

Lt Col Black presented developments in the evaluation of the Satellite Control subcategory bases, using the slides at Atch 1. The presence of classified missions at one of the control node bases is complicating both the analysis and cost evaluation. In addition, some of the measures that were approved earlier for evaluation of Criterion I for the Satellite Control bases are not valid, and data for other measures has not been located. Lt Col Black recommended changes in some of the subelements and goalposts, but the BCEG was concerned that the overall evaluation of Criterion I was deficient. After discussion, the BCEG determined that they needed to review this issue with some space control experts to determine how best to evaluate this area.

Mr. Carillo, AF/CEVP, briefed an overview of air quality conformity impacts on some of the bases directed for detailed analysis by the SECAF, using the slides at Atch 2. This analysis dealt only with ability to comply with conformity requirements, and did not consider operational restrictions or other impacts. After discussion, the BCEG concluded that all proposed force structure moves should be reviewed for air quality concerns first. If the move can't satisfy conformity requirements, the move should not be considered further. If conformity appears to be satisfied, further analysis of the move should be pursued. The BCEG directed that this air quality analysis be further refined. The BCEG also requested an air quality analysis be accomplished for Small Aircraft bases in order to provide responses if questions are posed later.

Mr. Mleziva, AF/BCWG, presented an overview of the Lab JCSG alternatives and the Air Force functional review of those alternatives, using the slides at Atch 3. This is a preview of the briefing to be provided to the SECAF. He noted several operational concerns relating to the transfer of Air Force operations to the sites of the other Military Departments. Overall, however, none of the proposed actions would result in the closure of an Air Force installation.

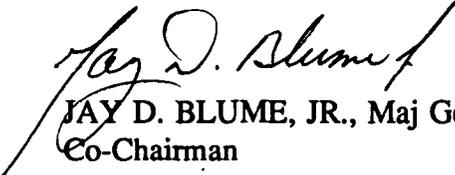
After discussion, the BCEG requested an air quality review of the proposed lab consolidations. The BCEG noted that the closure of Rome Lab would be examined notwithstanding the already completed Air Force analysis. A new COBRA analysis would be conducted to respond to the LJCSG alternative, since the LJCSG identified this as a potential action. The BCEG also suggested that the briefing be separated into two parts when given to the SECAF; part one consisting of the Air Force analysis and part two consisting of the JCSG alternatives. This would separate the BCEG analysis from the functional review of the JCSG alternatives. The BCEG will limit its review to determining whether the JCSG alternatives are consistent or inconsistent with the BCEG analysis, while the functional review will examine the feasibility of the proposed alternative.

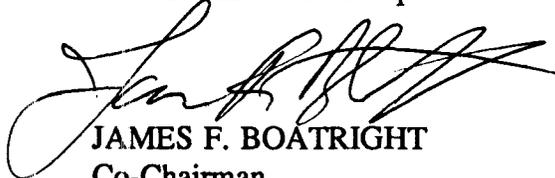
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**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

There being no further matters to discuss, the meeting was adjourned at 1250. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:            Analysis of Satellite Control Criterion I  
                              Selfridge Employment data  
                              BCWG verification of ANG COBRA  
                              Squadron size and number of units White Paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. Satellite Control Analysis
2. Air Quality Review
3. Lab JCSG Alternatives

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**BCEG CLOSE HOLD**

**BCEG ANALYSIS  
FOR  
"SATELLITE CONTROL BASES"**

**REVISED NOT BCEG APPROVED**

**6 DEC 94**

**BCEG CLOSE HOLD**

**1**

**PROCEED?**

- **WHAT'S CHANGED**
  - **LARGE CLASSIFIED MISSION PRESENCE**
    - **ALL CONSIDERED CORE**
  - **COST OF CLOSURE**
    - **ONIZUKA - GREATER THAN \$300M**
    - **FALCON - GREATER THAN \$550M**
  - **"NATIONAL SPACE" BRIEFED CAPABILITIES ARE NOT DUPLICATIVE**

**2**

## **PURPOSE**

### **TO SEEK BCEG APPROVAL FOR**

- **METHODOLOGY,**
- **CRITERIA AND WEIGHTS**

**3**

## **METHODOLOGY**

### **ANALYSIS FOR SATELLITE CONTROL NODES**

- **APPLY SPECIFIC MEASURES AND WEIGHTS DESIGNED TO EVALUATE NODES FOR CRITERION I GRADE**

- **MISSION CAPACITY**
- **MISSION SUPPORT**
- **RISK**

- **REPLACE ENCROACHMENT AREA SUB-ELEMENTS OF CRITERION II**

**4**

**CRITERION I  
OVERALL**

● MISSION CAPACITY	<del>50%</del> 65%
● MISSION SUPPORT	<del>40%</del> 25%
● RISK	10%

5

**MISSION CAPACITY - ~~50%~~ 65%**

- ABOVE CORE CAPACITY (20%)
  - GREATEST CAPACITY (BENCHMARK) - GREEN
  - WITHIN 10% OF BENCHMARK - YELLOW
  - LESS THAN 90% OF BENCHMARK - RED
- CAPABLE OF CORE (50%)
  - 100% OR GREATER - GREEN
  - 90% - 99.9% - YELLOW
  - LESS THAN 90% - RED
- COMM ~~CIRCUIT~~ SUPPORT FOR SATELLITE OPS (30%)
  - NUMBER OF CIRCUITS
  - CAPACITY OF SATELLITE TERMINAL (VOLUME OF DATA)
    - GREATEST NUMBER (BENCHMARK) - GREEN
    - WITHIN 10% OF BENCHMARK - YELLOW
    - LESS THAN OF 90% OF BENCHMARK - RED
  - COST PER CIRCUIT (AVERAGE COST PER HIGH DATA RATE  
LONG HAUL CIRCUIT)
    - ~~GREATEST~~ LOWEST NUMBER (BENCHMARK) - GREEN
    - WITHIN 10% OF BENCHMARK - YELLOW
    - LESS GREATER THAN OF ~~90%~~ 110% OF BENCHMARK - RED

6

# CLEAN AIR ACT IMPACTS

---

<u>BASE</u>	<u>RESULTS</u>	<u>PROBLEMS</u>
Beale #1	Can add 24 B-52H	N/A
Beale #2	Can add 24 B-52H & 8 KC-135E	N/A
Dover	Can't add 14 C-5A	NOx > budget

12/6/94

# CLEAN AIR ACT IMPACTS

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<u>BASE</u>	<u>RESULTS</u>	<u>PROBLEMS</u>
Edwards #1	Can't add 8 KC-135E	NOx & VOC > budget
Edwards #2	Can't add 12 KC-135R	NOx > budget
Hill	Can't add 8 KC-135R	NOx > budget
Kirtland	Difficult to add 635 people(no aircraft)	CO > budget
Luke	Can't add aircraft	CO > budget

12/6/94

**MISSION SUPPORT- 40% 25%**

**● RELIABILITY OF CPU MAINFRAME PER 1000 HOURS OF SATELLITE OPS. NUMBER OF CPU'S AVAILABLE FOR CORE OPERATIONS (50%)**

- GREATEST NUMBER (BENCHMARK) - GREEN
- WITHIN 10% OF BENCHMARK - YELLOW
- LESS THAN 90% OF BENCHMARK - RED

**● RELIABILITY OF AFSCN COMM SYSTEMS (50%)**

**● MAINTENANCE HOURS PER 1000 HOURS OF SATELLITE OPS (50%)**

- LOWEST NUMBER (BENCHMARK) - GREEN
- WITHIN 10% OF BENCHMARK - YELLOW
- GREATER THAN 110% OF BENCHMARK - RED

**● MEAN TIME TO REPAIR (50%)**

- GREATEST NUMBER (BENCHMARK) - GREEN
- WITHIN 10% OF BENCHMARK - YELLOW
- LESS THAN 90% OF BENCHMARK - RED

7

**RISK-10%**

**● WAIVERS TO EXISTING SECURITY REQUIREMENTS**

- YES- RED
- NO- GREEN

**● OPERATIONS HOURS LOST DUE TO EXTERNAL FACTORS**

- GREATEST- LOWEST NUMBER (BENCHMARK) - GREEN
- WITHIN 10% WITHIN 90% OF BENCHMARK - YELLOW
- LESS THAN 90% GREATER THAN 110% OF BENCHMARK - RED

**● ABILITY TO SUSTAIN CORE OPERATIONS**

- 14 DAYS OR GREATER - GREEN
- 7-14 DAYS - YELLOW
- LESS THAN 7 DAYS - RED

8

**CRITERION II  
OVERALL**

● FACILITIES BASE	25%
● FACILITIES HOUSING	10%
● ENCROACHMENT	25%
● AIR QUALITY	40%

9

**ENCROACHMENT  
CRITERIA II**

● ARE THERE ANY BUILDING, STRUCTURES, OVERHEAD POWER LINES, OR OTHER OBSTRUCTIONS WHICH REDUCE CORRIDORS OF VISION OR ELECTRONIC TRANSFER ABOVE ONE DEGREE ABOVE THE HORIZON BASED ON AN ANTENNA WITH A FOCAL POINT 40' ABOVE GROUND LOCATED AT THE BASE BOUNDARY?

- YES - RED
- NO - GREEN

● DO BASE BOUNDARY OR EASEMENTS PRECLUDE GROUND LEVEL RADIATION BY ANY ONE ANTENNA OR COMBINATION OF ANTENNAS EXCEEDING GOVERNMENT DEFINED PERSONNEL SAFETY LEVELS OF 2 MW/CM<sup>2</sup> INTO NON-GOVERNMENT CONTROLLED AREAS?

- YES - RED
- NO - GREEN

● DO BASE BOUNDARY OR EASEMENTS PRECLUDE OPERATIONS OF ELECTRONIC DEVICES, WITHIN ONE HALF MILE OF MISSION SYSTEMS, THAT COULD POTENTIALLY INTERFERE WITH THOSE SYSTEMS?

- YES - GREEN
- NO - RED

\* ALL WEIGHTS EQUAL

10

# CLEAN AIR ACT IMPACTS

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## BASE

MacDill

## RESULTS

Can't add 12  
KC-135R without  
district aid

## PROBLEMS

NOx > budget

March #1

Can add 14 C-5  
and 8 KC-135E

Stationary  
sources future  
& FIP

March #2

Can't add AFSOC  
to #1

CO & VOC >  
budget

12/6/94

# CLEAN AIR ACT IMPACTS

---

<u>BASE</u>	<u>RESULTS</u>	<u>PROBLEMS</u>
McChord	Can't add any aircraft	CO > budget
McGuire	Can't add any aircraft	NOx & VOC > budget (KC-10)
Travis	Can't add any aircraft	NOx & VOC > budget
Westover	Probably add 15 F-15	Civilian ops increase will disallow

12/6/94

# CLEAN AIR ACT IMPACTS

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– Bases with no major air problems

- Barksdale Cannon
- Charleston Davis-Monthan
- Dyess Ellsworth
- Fairchild Grand Forks
- Little Rock Malmstrom

12/6/94

# CLEAN AIR ACT IMPACTS

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- McConnell            Moody
- Mt Home             Minot
- New Orleans         Offutt
- Robins                Seymour-Johnson
- Shaw                  Tinker
- Tyndall                Whiteman

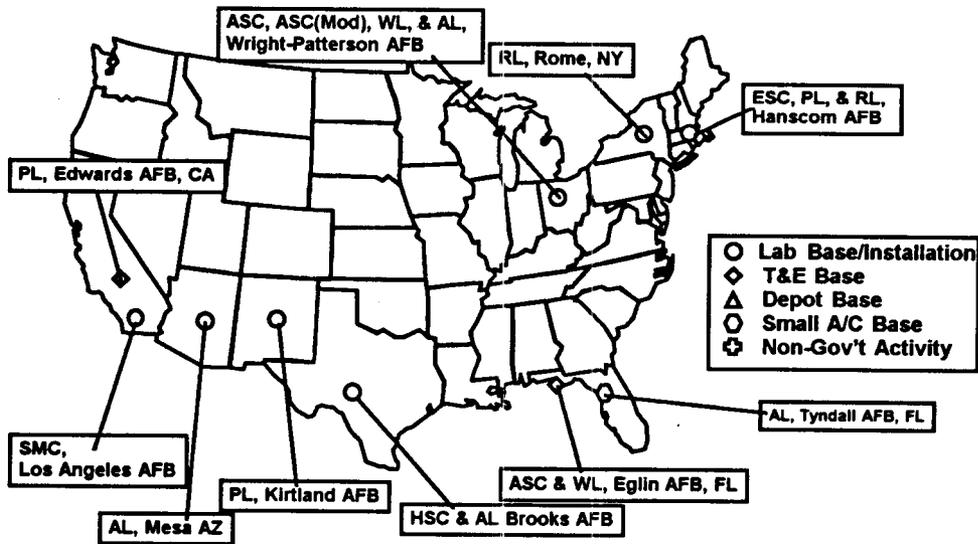
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## AF LABORATORIES/PRODUCT CENTERS

Presented:  
06 DEC 1994

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### Air Force "Lab" Locations



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## Status

- Laboratory/Product Center Bases Tiered
- Laboratory/Product Center Requirements & Capacity
- LJCSG Alternatives Delivered to MILDEPS
  - 29 Common Support Functions (CSFs)
  - 3 Life Cycles
  - One Alternative per CSF
    - Except for “Human” CSFs

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## Actions Required

- Respond to LJCSG Alternatives
  - Written Response
  - Briefing to LJCSG 12 Dec 94
- Obtain SAF Guidance RE: Installations to Analyze Further

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## LJCSG ALTERNATIVES SUMMARY

- MOST ALTERNATIVES SUPPORT EXISTING AF STRUCTURE
  - ALL FIXED WING CSFs (4x) AT CURRENT ACTIVITIES
  - ALL SPACE CSFs (3x) AT CURRENT ACTIVITIES
  - MOST WEAPONS CSFs AT CURRENT ACTIVITIES; SPECIFICALLY
    - ICBM/SLBM
    - CRUISE MISSILES
    - GUIDED PROJECTILES
    - BOMBS
    - DIRECTED ENERGY

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## LJCSG ALTERNATIVES SUMMARY

(Cont'd)

- ALTERNATIVES SUPPORT EXISTING AF STRUCTURE (Cont'd)
  - MOST PERVASIVE CSFs AT CURRENT ACTIVITIES; SPECIFICALLY
    - HUMAN SYSTEMS
    - MANPOWER & PERSONNEL
    - ADVANCED MATERIALS
    - ENVIRONMENTAL QUALITY
    - ENVIRONMENTAL SCIENCE
  - ONE OF THREE C4I CSFs AT CURRENT ACTIVITIES; SPECIFICALLY
    - AIRBORNE

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## LJCSG ALTERNATIVES SUMMARY (CON'T)

- SOME CSFs NOT APPLICABLE TO AF
  - ROTARY WING CSFs (4x)
  - INFECTIOUS DISEASES
- SOME CONSOLIDATIONS OF AF WORK WITH OTHER MILDEPS TO CONSIDER
  - ELECTRONIC DEVICES (ARL-ADELPHI)
  - TRAINING SYSTEMS (NAWC-ORLANDO)
  - CONVENTIONAL MISSILES/ROCKETS (MRDEC-HUNTSVILLE)
  - GUNS/AMMO (PICATINNY)
  - FIXED GROUND C4I (NCCOSC-SAN DIEGO)
  - MOBILE C4I (CERDEC-FT MONMOUTH)

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## LJCSG ALTERNATIVES SUMMARY (CONCLUSION)

- SOME CONSOLIDATIONS OF OTHER SERVICE WORK WITH AF TO CONSIDER
  - ARMY FIXED WING EMD (ASC)
  - NAVY FIXED WING PROPULSION
    - S&T AT WRIGHT LAB
    - EMD AT ASC
  - NAVY SATELLITE EMD (SMC)
  - NAVY GROUND CONTROL SYSTEM EMD (SMC)
  - NAVY C4I AIRBORNE EMD (ESC)
  - ARMY DIRECTED ENERGY (PL-KAFB)

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## Recommended LJCSG Response

- Agree with Alternatives that Support Existing AF Structure
- Cite "Not Applicable" Where Appropriate
- Confirm Army as Guns/Ammo Executive Service Under Reliance
- Look Internally Within Air Force for Better Answer (Less Costly, Closer to Customer) Than Orlando for Training Systems
- Consolidate AF Electronic Devices Work Within AF Vice Transitioning to ARL
- Retain Conventional Missiles/Rockets
- Retain AF C4I Within AF Vice Airborne to AF, Ground to Navy & Mobile to Army

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## Recommended LJCSG Response (Cont'd)

- Offer to Host Under Appropriate Conditions (e.g., TOA Transfer)
  - Directly From JCSG Alternatives
    - Navy Fixed Wing Propulsion Work
    - Navy Satellite Work
    - Navy Ground Control Systems Work
    - Army Directed Energy Work
    - Army Fixed Wing Work
  - Indirectly From LJCSG Alternatives
    - All Army & Navy Fixed Wing Work
    - All Army and Navy Human Systems Work

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## LJCSG Alternatives Impact on Air Force "Lab" Locations

- Relocate AL-Mesa, AZ
- Consider Combining RL-Rome, NY with RL-HAFB

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## Recommendation

- SAF Approve
  - Proposed Response to LJCSG Alternatives
  - Further Analysis of Tier II & III Laboratory/Product Center Installations
  - Re-Analysis of Rome Lab - Rome, NY Based on Updated Certified Data





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE

WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

9 JAN 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 7 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

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Mr. Boatright, SAF/MII, Co-Chairman  
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Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF

b. Other key attendees:

Dr. Stewart, AF/BCWG  
Col Mayfield, AF/RTR  
Col Samples, AF/RE  
Lt Col Donnalley, AF/RTR  
Mr. Reinertson, AF/CEV  
Maj Pugh, SAF/FMCCA

The meeting was called to order by Maj Gen Blume. Lt Col Donnalley presented some administrative data changes, using the slides at Atch 1. The data changes resulted from audit review. The BCEG was briefed on the impacts of the corrected data on grades, if any. None of the changes resulted in a changed grade for a criterion, and none was deemed significant enough to require reexamining the tiering of bases. In addition, the AFAA had requested that a hard copy of the grades for all eight criteria as of the day that tiering was voted on be attached to the minutes for those days. The BCEG approved the corrected data and the addition to the minutes.

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## **CLOSE HOLD - BCEG/BCEG STAFF ONLY**

Mr. Reinertson, AF/CEV, provided an overview of the water quality and quantity issues at San Antonio, Texas. The briefing was occasioned by the receipt of a letter from the Mayor of San Antonio in which the Mayor related that the City had made more recycled water available to the Air Force bases in the area. Earlier, the BCEG had elected to provide a Red grade for the San Antonio bases in Criterion VIII for the Water subelement. This resulted from ongoing litigation that provides potential for a sharp reduction in water availability. Although the Air Force acknowledged that the actions of the City have potential for some relief, a number of questions still exist. These include whether there is a dual pipeline system, what connection costs would be involved, whether the recycled water is useful in industrial applications, and whether this would provide sufficient relief from other limitations. After a discussion, the BCEG determined that the grade should not be changed.

Dr. Stewart, AF/BCWG, presented an overview of the Air Force Test & Evaluation analysis and consideration of the JCSG-TE alternatives, using the slides at Atch 2. He first noted different definitions of "core" for the Air Force and the JCSG. Core T&E activities in the Air Force are those capabilities which are required to support the Air Force mission. Core as used in the JCSG-TE represented sites at which important work was done. In addition, the JCSG-TE added to core sites some activities and sites that did not fit the definition, such as UTTR. The JCSG-TE did not address realignments of activities from core sites.

Dr. Stewart first addressed intra-Air Force opportunities. He identified the AFEWES and REDCAP activities as consolidation candidates. He also noted that, because of the reduced T&E work at UTTR, there is an opportunity to downsize the infrastructure and turn the range over to Air Combat Command. Although there are some test activities that will be required in the future at UTTR, those can be accommodated on an as-needed basis. There is also some ability to consolidate Electronic Combat range work from Eglin to Nellis and Edwards. There are other consolidation opportunities that would be practical only if the base on which they are located was closed or significantly realigned under BRAC.

Dr. Stewart then addressed the JCSG-TE analysis and the alternatives. He addressed those alternatives that were consistent with existing Air Force capabilities and the BCEG analysis as well as those that were not compatible. He then addressed other consolidation opportunities supported by the JCSG-TE data and optimization model runs, but which were not reported as alternatives by the JCSG-TE because of their limitation on consolidations of core activities. The Air Force may wish to consider offering these. After reviewing the briefing, the BCEG determined the views of the briefing were consistent with the BCEG analysis. The briefing will be presented to the SECAF for her consideration.

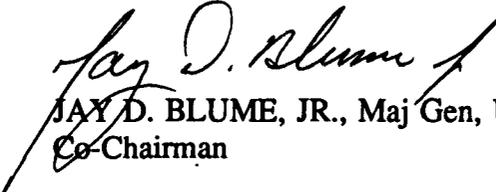
Maj Pugh, SAF/FMCCA, presented COBRA data on Large Aircraft bases, using the slides at Atch 3. The BCEG reviewed the cost figures. The figures differed from level playing field COBRA in the number of aircraft, destination, and inclusion of more accurate overhead costs, including AFBCA expenses. After reviewing the data, the BCEG approved briefing the SECAF on this data.

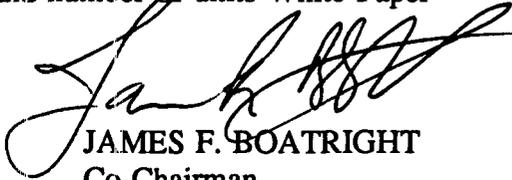
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

There being no further matters to discuss, the meeting was adjourned at 1320. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:      Analysis of Satellite Control Criterion I  
                         Selfridge Employment data  
                         BCWG verification of ANG COBRA  
                         Squadron size and number of units White Paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. Admin remarks
2. T&E Analysis
3. Large A/C COBRA

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**Base Closure Executive Group**

**Admin**

- Data Corrections
  - Identified by AF Audit Agency
  - Base and MAJCOM generated updates
  - 18 Changes do not alter Sub-Elements Color code
  - 12 Changes do alter Sub-Elements Color code
- Corrections
  - Facility Condition Codes
  - Housing Survey Data
  - AICUZ
  - Air Quality
  - Water Quality

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**Base Closure Executive Group**

**Data Corrections**

Facility Codes

Base	Old #	New #	Color chg
Tyndall (MWR fac)	77%	82% code 1	Y to G
Gd-Fks (Ops fac)	79%	80% code 1	Y to G
(Jet Fuel)	95K sf	325K sf	Y to G
(Cvrd Stor)	Minor typo in capacity		none
(Admn bld)	28%	33% code 2	none
(MWR fac)	382K sf	407K sf	none
(MWR fac)	70%	80% code 1	Y to G

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**Base Closure Executive Group**

### Corrections cont

#### Housing

Base		Old #	New #	Color chg
Barksdale	(current)	-1246	-530	none
	(future)	-1486	-568	R to Y
Kirtland	(current)	-146	+115	none
	(future)	-146	+114	Y to G
Little Rock	(current)	-526	-30	none
	(future)	-596	-30	R to Y
McConnell	(current)	-701	-19	none
	(future)	-610	-17	Y to G

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**Base Closure Executive Group**

### Corrections cont

#### Housing cont

Base		old #	new #	Color chg
Reese	(current)	393	609	none
	(future)	555	501	none
Robins	(current)	-86	-168	none
	(future)	-187	-188	none
Wright-Pat	(current)	-1200	+220	none
	(future)	-689	+255	R to G
McClellan	(current)	no change		none
	(future)	-360	-310	none

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**Base Closure Executive Group**

### Corrections cont

AICUZ

Base		old #	new #	color chg
Luke	AICUZ (current)			
	- CZ rwy 03	0%	0%	none
	rwy 21	1%	0%	R to G
	- APZ 1 03	8%	1%	Y to G
	21	7%	0%	Y to G
	- APZ 2 03	2%	0%	none
	21	0%	0%	none

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**Base Closure Executive Group**

### Corrections cont

AICUZ

Base		old #	new #	color chg
Luke	AICUZ (future)			
	- CZ rwy 03	0%	0%	none
	rwy 21	1%	0%	R to G
	- APZ 1 03	8%	1%	Y to G
	21	7%	0%	Y to G
	- APZ 2 03	2%	0%	none
	21	0%	0%	none

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**Base Closure Executive Group**

### Corrections cont

Miscellaneous

Base	Function	old #	new #	color chg
Travis	Noise Zones	Breakout %s only		none
Cannon	Air Quality	Notes to Restrictions none		
W -Grove	Billeting	22%	29%	G to Y

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**Base Closure Executive Group**

### Corrections cont

Randolph AFB

Function	old #	new #	Color chg
<b>Utilities</b>			
Steam plant	9.3MBTU	7455.5MBTU	none
Stm plant load	13%	25%	none
Fuel excess Storage	10,819 bbls	none	none
Fuel dispensing cap	666K gal	682K gal	none
sust dispensing	663k gal	540k gal	none

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**Base Closure Executive Group**

## **Admin**

- **Minutes**
  - Adjustment recommended by the Air Force Audit Agency
  - Include hard copy of Criteria display with the BCEG minutes
  - Change to existing minutes requires BCEG Approval

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**Base Closure Executive Group**

## **Recommendation**

- BCEG approve Changes to existing data bases
- BCEG approve adding Hard copy of Criteria results to minutes

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## Air Force Test and Evaluation (T&E) Analysis

### Scope

- Three T&E Functional Areas Being Studied Under BRAC 95
  - Air Vehicles
  - Armament/Weapons
  - Electronic Combat
- Does Not Address Other T&E Functional Areas That Support Air Force Missions
  - Space
  - C/I

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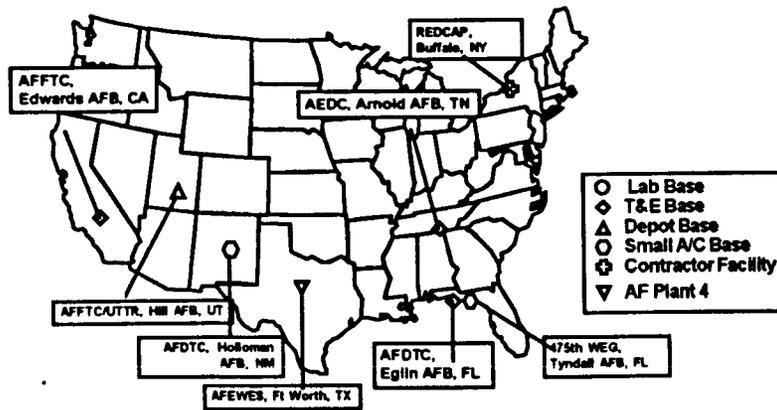
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### Air Force T&E Locations



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### Status

- T&E Center Bases Tiered
- T&E Capacity/Workload Requirements Completed
- T&E JCSG Alternatives Delivered To MILDEPs
  - Air Vehicle
  - Armaments/Weapons
  - Electronic Combat
- AF Analysis On-going
  - Intra-AF
  - Cross-Servicing

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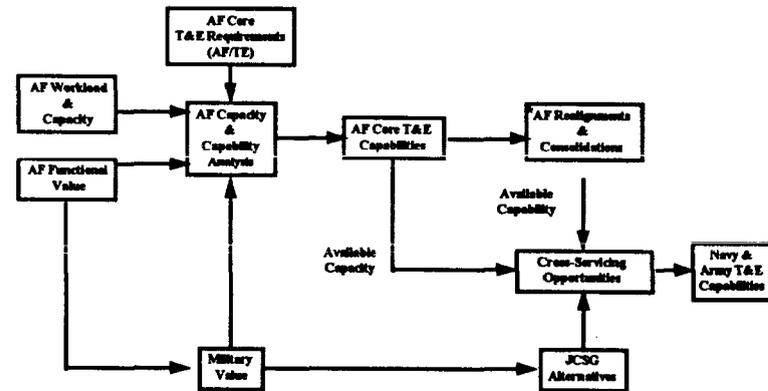
## Actions Required

- Respond to T&E JCSG Alternatives
  - Written Response
  - Briefing to T&E JCSG 12 Dec 94
- Obtain Guidance on Further Analysis of
  - Intra-AF Realignment/Consolidation Candidates
  - Cross-Servicing Opportunities

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## AF T&E Analysis Process



\* Includes Cross Walk with Lab/Depot/Etc

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## AF Core T&E Requirements (AF/TE)

Must Support AF Core Mission

- Air Warfare is Fundamental Part of AF Mission and Vision
  - "To Defend the United States through Control and Exploitation of Air and Space"
  - "Air Force People Building the World's Most Respected Air and Space Force...Global Power and Reach for America"
- Air Warfare is Broad in Space and Time
  - Drives Unique Equipage Requirements

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## AF Core T&E Requirements (AF/TE)

Must Support Acquisition and Warfighter's Needs

- T&E is Fundamental Part of Acquisition Process for Developing Unique Equipment for AF
  - Is it Designed Properly?
  - Does it Work?
  - Is it Effective?
- Must Retain Capability to Support Acquisition/Test Process and Demonstrate Capability of USAF Fixed-Wing Aircraft/Weapons to
  - Reach Target (Air Vehicle T&E)
  - Survive Against Land & Air Threats (ECT&E)
  - Destroy Targets (Armaments/Weapons T&E)
  - Perform in Realistic Environments Representative of World-Wide Theaters of Operation

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## AF Core T&E Requirements (AF/TE) Guiding Principles

- Retain Irreplaceable Natural Resources Needed to Test Current and Future Weapon Systems in Realistic Environments
  - Adequate Air/Land/Sea Space
  - Topography and Climate Representative of Plausible Theaters of Operation
  - Long Term Viability of Ranges (i.e., Encroachment and Environmental Considerations)
- Collocate Core T&E Capabilities to Support Test Process at Open Air Ranges in order to Minimize Number of T&E Sites and Leverage T&E Resources
  - Retain Core Capabilities at Other Sites Only When Geographically Constrained, Economically Prohibitive to Move, or Needed to Support Workload

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## Capacity and Capability Analysis Overall Approach

- Determine AF Core T&E Capabilities Based On AF/TE Requirements
  - Capability and Capacity Available for Cross-Servicing
- Identify Intra-AF Realignment Candidates for Further Consolidation of AF Core T&E Capabilities
- Identify Potential Candidates for AF Realignment Based on Potential Outcome of Tier II and III Bases
  - Most Cost Effective Option

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## Capacity and Capability Analysis Capability Assessment

T&E Function	AFFTC @ Edwards	AFFTC @ UTR	AFDTC @ Eglin	AFDTC @ Holoman	475 WEG @ Tyndall	AEDC @ Arnold	REDCAP @ Buffalo	AFEWES @ R.Worth
Air Vehicle	F		P	P	P	P		
Armaments/ Weapons		*P	F	P	P	P		
Electronic Combat	P		P	P			P	P

<p>F = Full Capability to Support All Six Test Facility Categories of the Acquisition/Test Process P = Partial Capability</p>
---

\* Cruise Missile Capability Previously Reported Under Air Vehicle

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## Capacity and Capability Analysis Summary

- Air Vehicle
  - Core Capabilities/Workload Already Consolidated at AFFTC (Edwards) to Extent Possible With One Exception
    - Radar Test Facility (475 WEG/Tyndall)
- Armaments/Weapons
  - Core Capabilities/Workload Already Consolidated at AFDTC (Eglin) to Extent Possible With Two Exceptions
    - Air/Land Space for Long-Range, Over-Land, Air-to-Surface Testing (AFFTC/UTTR)
    - Target Capabilities for Air-to-Air Testing (475 WEG/Tyndall)

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## Capacity and Capability Analysis Summary (cont'd)

- Electronic Combat
  - Core Capabilities/Workload Fragmented
  - Opportunity for Realignment/Consolidation
    - REDCAP (Buffalo) and AFEWES (Ft Worth) Hardware-in-the-Loop Facilities
    - AFDTC (Eglin) and AFFTC (Edwards) Open-Air Range Facilities
- Core Support Capabilities to Support Above
  - Wind Tunnels and Propulsion Facilities (AEDC/Arnold)
  - Inertial Guidance, RCS Measurement, and High Speed Track (AFDTC/Holloman)

## AF Realignments & Consolidations Intra-AF Candidates

- Air Vehicle
  - None
- Armaments/Weapons
  - AFFTC (UTIR) Capabilities
- Electronic Combat
  - REDCAP (Buffalo) and AFEWES (Ft Worth) Hardware-in-the-Loop Facilities
  - AFDTC (Eglin) and AFFTC (Edwards) Open-Air Range Facilities

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AF Realignments & Consolidations  
Potential Candidates (Tier II and III Bases)

- Air Vehicle
  - 475 WEG (Tyndall) Radar Test Facility
- Armaments/Weapons
  - 475 WEG (Tyndall) Target Capabilities
  - AFDTC (Holloman) Capabilities
    - Inertial Guidance, RCS Measurement and High Speed Test Track
    - Flight Operations to Support Air Weapons Testing at WSMR (White Sands)
- Electronic Combat
  - None

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T&E JCSG Alternatives  
Overview

- Alternatives Based on "Activity" Level vs "Test Facility" Level Analysis
  - "Integrated" Optimization Model Runs (i.e. AV, A/W, and EC) Versus Separate "T&E Functional Area" Model Runs Used to Define Which "Core" Activities Should Be Retained
  - "Core" Activities Defined By Model As Showing Up In Majority of the Objective Function Runs (e.g. MAXFV, MINXCAP, etc)
    - Military Value Runs Conducted Separately
    - AFDTC (Holloman) only Disconnect But Justified As "Core" by JCSG

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## T&E JCSG Alternatives Overview (cont'd)

- Alternatives Based on "Activity" Level vs "Test Facility" Level Analysis (cont'd)
  - Some "Core" Activities Added and Justified Separately from Model Runs
    - This Led to Retaining "Core" Activities Based on One-Of-A-Kind Capability Supporting Only Part of the Test Process in One Functional Area
  - AF/TE Non-concurred and Documented Minority Opinion to T&E JCSG Co-Chairs
    - Also Stated Objections During JCSG Deliberations For The Record

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## T&E JCSG Alternatives Overview (cont'd)

- AF Superior T&E Capabilities in Each Functional Area Masked By Above Approach
  - No Movement of T&E Capabilities Between "Core" Activities Allowed
  - Best Facilities Not Evident
  - Capacity/Workload Data Contain Capability Mismatches Which Could Have Significant Cost Implications
  - Navy and Army Internal Duplication Not Exposed
- 13 Alternatives (14 Realignment Opportunities) Identified for "Non-Core" Activities Only
  - 6 Air Vehicle
  - 5 Armaments/Weapons
  - 3 Electronic Combat
  - Do Provide Overarching Support For Intra-Service Realignments/Consolidations
- AF Activities Received Highest Functional Value in Each Functional Area
  - Model Selected AF As A Preferred Receiver in Each Functional Area

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## T&E JCSG Alternatives Functional Values

### Air Vehicles

Activity	JCSG FV
AFBTC - Edwards	85
NAWC - Pats River	81
NAWC - Pt Mugu	69
AFBTC - Egin	56
478WEG - Tyndall	49
UTTR - Hill	48
AQTD - Edwards	48
EPG - Ft Huachuca	44
NAWC - Ching Lake	43
YPG - Yuma	35
ATTC - Ft Rucker	34
AFBTC - Holloman	33
NSWC - Dahlgren	25
NAWC - Indianapolis	19
AEDC - Arnold	18
NAWC - Warnerster	14

### Armaments/Weapons

Activity	JCSG FV
AFBTC - Egin	62
NAWC - Pt Mugu	77
NAWC - Pats River	57
NAWC - Ching Lake	57
WSMR	50
AFBTC - Holloman	30
YPG - Yuma	29
NAWC - WSMR	25
RTTC - Redstone	21
NSWC - Dahlgren	17
AEDC - Arnold	16
NSWC - Indian Head	14
NSWC - Crane	13

### Electronic Combat

Activity	JCSG FV
AFBTC - Egin	85
NAWC - Pt Mugu	58
NAWC - Pats River	53
AFBTC - Edwards	52
NAWC - Ching Lake	47
EPG - Ft Huachuca	47
AFBTC - Holloman	26
NSWC - Crane	17
AFEWES - Ft Worth	17
REDCAP - Buffalo	15

(\*) = Air Force Functional Value

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## T&E JCSG Alternatives Air Vehicle

T&E JCSG Alternative	Realignment Opportunity	Capability/ Capacity Fit	Recommendation
TE-1 (AV)	Ft Rucker Rotary Wing	Yes	Cross-Service Army at Edwards
TE-2 (AV)	AQTD Edwards Rotary Wing	Yes	Retain at Edwards
TE-3 (AV)	Indianapolis Measurement/Integration	No	Do Not Cross-Service
TE-4 (AV)	Dahlgren Measurements	No	(No AF Involvement)
TE-5 (AV)	Warminster Digital Sims	No	(No AF Involvement)
TE-6 (AV)	Tyndall Radar Test Facility	Partial	Intra-AF Realignment

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### T&E JCSG Alternatives Armaments/Weapons

T&E JCSG Alternative	Realignment Opportunity	Capacity/ Capacity Fit	Recommendation
TE-1 (AW)	Crane Ordnance Measurements	Yes	Cross-Service Navy at Esch
TE-2 (AW)	Ordnance Ordnance Measurements	Yes	Cross-Service Navy at Esch
TE-3 (AW)	Crane Electromagnetics	No	(No AF Involvement)
TE-4 (AW)	Residues Open Air Range	Yes	Cross-Service Army at Esch
	Residues Component Testing	Partial	Do Not Cross-Service Army

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### T&E JCSG Alternatives Electronic Combat

T&E JCSG Alternative	Realignment Opportunity	Capacity/ Capacity Fit	Recommendation
TE-1 (EO)	REDCAP, Buffalo NY	Partial	Intra-AF Reassignment
TE-2 (EO)	AF EWES, Ft Worth TX	Partial	Intra-AF Reassignment
TE-3 (EO)	Crane Electromagnetics	No	(No AF Involvement)

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## T&E JCSG Alternatives

### Summary

- 14 Realignment Opportunities
  - 10 Identify AF As Potential Receiver
  - 4 Do Not Involve AF
- For 10 Realignments with AF As Potential Receiver
  - 3 Recommended for Intra-AF Realignments
  - 5 Recommended for AF to Cross-Service
    - Capacity/Capability Fit (Beneficial to AF)
  - 2 Not Recommended for AF to Cross-Service
    - Partial to No Capability Fit (No Benefit to AF)
- Above Consistent with AF Core T&E Capabilities
  - Appear to have no TOA Implications

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## T&E JCSG Alternatives

### Recommended Response

- Agree with the 3 Alternatives That Support Intra-AF Consolidation of AF Core T&E Capabilities
- Offer to Cross-Service the 5 Alternatives Where There Is A Capacity/Capability Fit with AF Core Capabilities
- Cite Remaining 6 Alternatives as Incompatible with AF Core T&E Capabilities
- Offer to Explore Other Alternatives Which Would Leverage AF Core T&E Capabilities And Available Capacity
  - Under Appropriate Conditions (e.g. TOA)

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## T&E JCSG Alternatives

Other Candidates (Under Appropriate Conditions)

- Air Vehicles
  - Consolidate NAWC (Pax River) Fixed-Wing Open-Air Range T&E with AFFTC (Edwards) Core T&E Capability
- Armaments/Weapons
  - Consolidate NAWC (Pt Mugu) and NAWC (China Lake) Air-to-Air /Air-to-Surface Open-Air Range T&E with AFDTC (Eglin) Core T&E Capability
- Electronic Combat
  - Consolidate NAWC (China Lake) Electronic Combat Open-Air Range T&E with AFDTC (Eglin) Core T&E Capability

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## Recommendation

- Approve Proposed Response to T&E JCSG Alternatives
- Approve Further Analysis of
  - Intra-AF Realignment/Consolidation Candidates
  - Cross-Servicing Alternatives

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**BEALE  
(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	166	145
• MFH:	66	23
• MOVING:	23	17
• PERSONNEL COSTS:	7	6
• OVERHEAD:	7	6
• OTHER:	<u>16</u>	<u>1</u>
• TOTAL 1 TIME COST	285	199
•		
• MANPOWER SAVINGS:	1081	1081

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**ELLSWORTH  
(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	112	3
• MFH:	21	0
• MOVING:	31	18
• PERSONNEL COSTS:	7	7
• OVERHEAD:	12	11
• OTHER:	<u>21</u>	<u>1</u>
• TOTAL 1 TIME COST	204	41
•		
• MANPOWER SAVINGS:	1249	1257

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**GRAND FORKS**

**(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	113	97
• MFH:	0	0
• MOVING:	18	15
• PERSONNEL COSTS:	5	7
• OVERHEAD:	10	9
• OTHER:	<u>21</u>	<u>1</u>
• TOTAL 1 TIME COST	169	129
.		
• MANPOWER SAVINGS:	945	1217

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**MALMSTROM**

**(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	11	6
• MFH:	0	0
• MOVING:	13	13
• PERSONNEL COSTS:	7	6
• OVERHEAD:	7	6
• OTHER:	<u>21</u>	<u>1</u>
• TOTAL 1 TIME COST	59	32
.		
• MANPOWER SAVINGS:	1187	1187

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**MINOT (B-52s BEALE)  
(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	193	23
• MFH:	27	0
• MOVING:	23	18
• PERSONNEL COSTS:	7	7
• OVERHEAD:	12	10
• OTHER:	<u>21</u>	1
• TOTAL 1 TIME COST	283	59
.		
• MANPOWER SAVINGS:	1221	1221

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**MINOT (B-52s FAIRCHILD)  
(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	96	23
• MFH:	47	0
• MOVING:	27	18
• PERSONNEL COSTS:	7	7
• OVERHEAD:	12	10
• OTHER:	<u>21</u>	1
• TOTAL 1 TIME COST	210	59
.		
• MANPOWER SAVINGS:	1221	1221

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**SCOTT (C-9s KELLY)  
(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	125	86
• MFH:	38	57
• MOVING:	78	71
• PERSONNEL COSTS:	11	11
• OVERHEAD:	11	10
• OTHER:	<u>26</u>	<u>5</u>
• TOTAL 1 TIME COST	290	240
•		
• MANPOWER SAVINGS:	1102	1102

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**LARGE AIRCRAFT FOCUSED ANALYSIS**

**SCOTT (C-9s RANDOLPH)  
(FY 96\$ M)**

• CONSTRUCTION	FOCUSED	LEVEL
• MISSION:	141	86
• MFH:	38	57
• MOVING:	78	71
• PERSONNEL COSTS:	11	11
• OVERHEAD:	11	10
• OTHER:	<u>26</u>	<u>5</u>
• TOTAL 1 TIME COST	305	240
•		
• MANPOWER SAVINGS:	1102	1102

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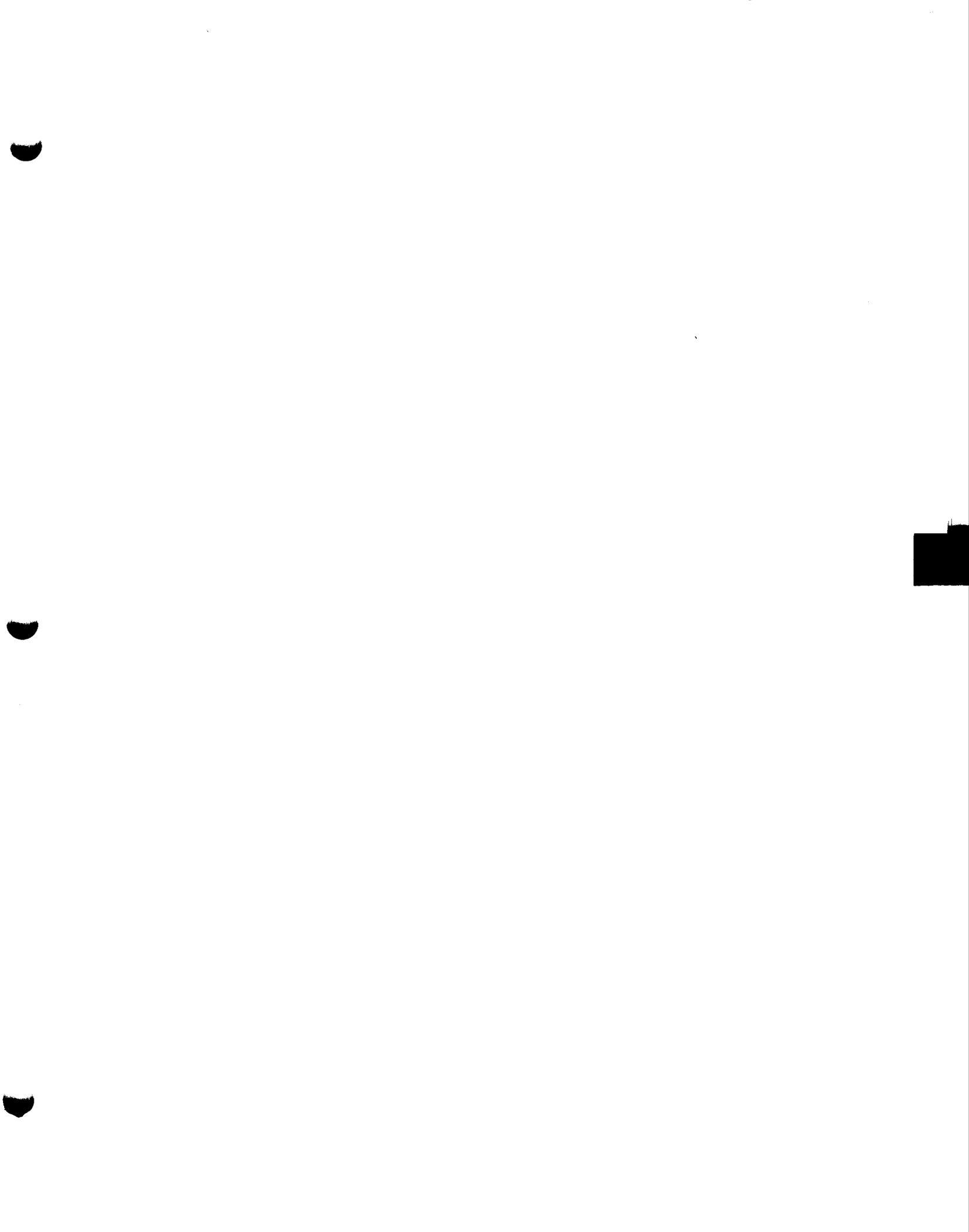
**LARGE AIRCRAFT FOCUSED ANALYSIS**

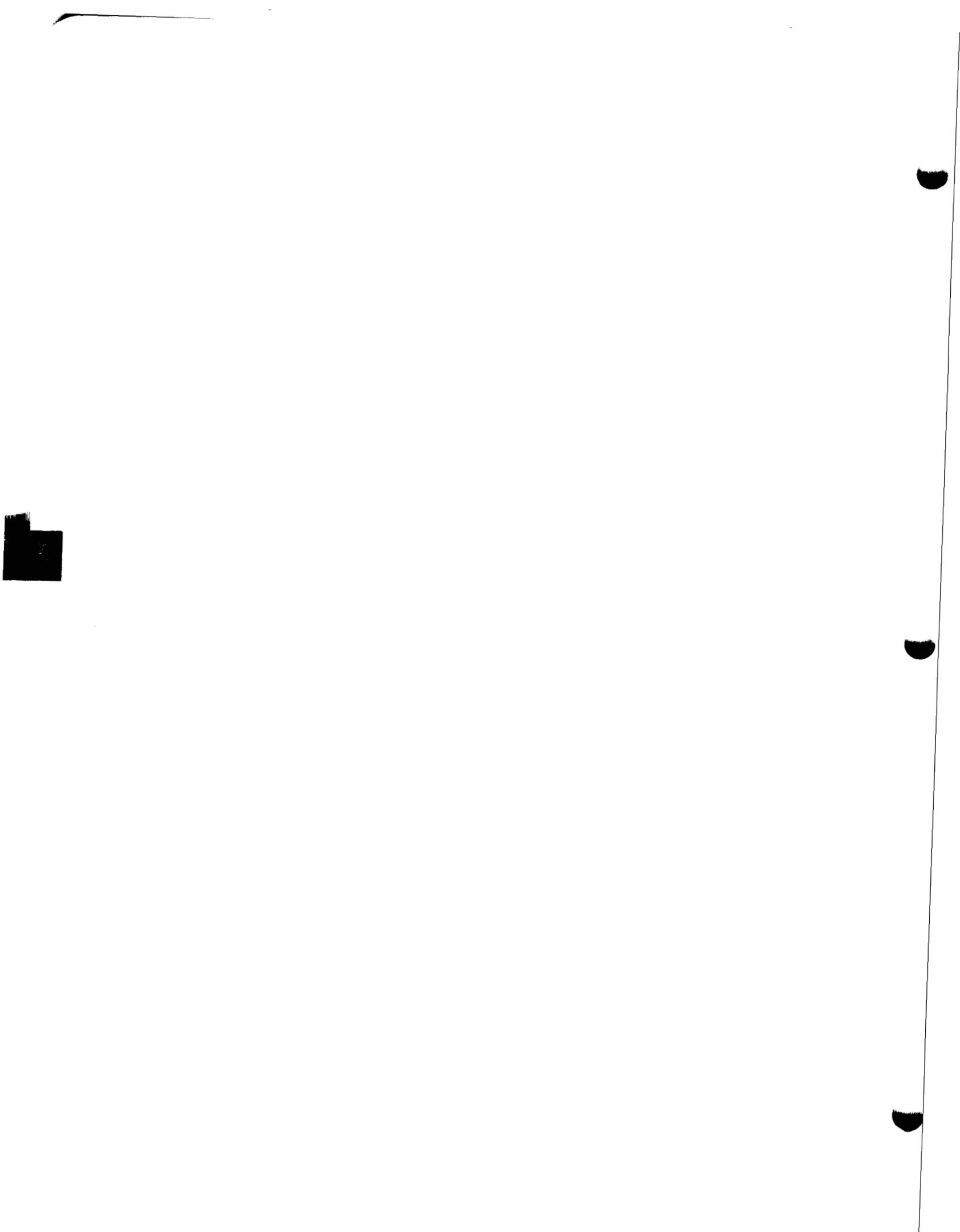
**CRITERIA IV & V**

	<u>1-TIME COST</u>	<u>20 YR NPV</u>	<u>STEADY STATE</u>	<u>ROI</u>	<u>PERS SAVINGS</u>
BEALE	285	(433)	49	6	1081
ELLSWORTH	204	(618)	58	4	1249
GRAND FORKS	169	(388)	41	4	945
MALMSTROM	59	(647)	57	1	1187
MINOT (BEALE)	283	(449)	55	6	1221
MINOT (FAIRCHILD)	210	(579)	55	3	1221
SCOTT (KELLY)	290	(441)	51	5	1102
SCOTT (RANDOLPH)	305	(422)	51	5	1102

BCEG CLOSE HOLD

9 12/8/84





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

20 FEB 1995

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1400 hours on 12 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Maj Gen McGinty, AF/DPP  
Maj Gen Heflebower, AF/PE  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Kraus, SAF/AQX  
Lt Col Black, AF/RTR  
Maj Pugh, SAF/FMCCA

The meeting was called to order by Maj Gen Blume. He addressed the difficulties in providing cost data to support analysis of JCSG alternatives. AF/RT is working hard to get the support necessary to accomplish the work and will request additional manning as required.

On December 8, 1994, the SECAF met with the BCEG to review JCSG alternatives. The SECAF was briefed on laboratory issues. Those alternatives developed in the LJCSG process were reviewed. The Mesa, Arizona, Armstrong Lab activity was recommended by the LJCSG to move to Orlando. Because of the 1993 Navy BRAC decisions, a better location today for this activity would probably be Eglin, Luke, or its present location at Mesa. The SECAF directed further study on this issue. The SECAF was also advised that the Air Force had received additional alternatives from the Chairman of the LJCSG that were not developed in the LJCSG

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

## **CLOSE HOLD - BCEG/BCEG STAFF ONLY**

and for which no supporting analysis had been furnished. Because of the requirements of the OSD Internal Control Plan and policy guidance, the Air Force would not be responding to those alternatives, and would advise the LJCSG appropriately.

The conventional missile workload was recommended by the LJCSG for consolidation with other services, but the LJCSG failed to take into account the different types of missiles involved. Therefore, this alternative was viewed as impractical. Although the briefing recommended against reorganizing the C4I work as the LJCSG recommended, the SECAF requested this option be examined, since some interoperability and savings may be achieved. She noted that the Air Force will continue to study the closure of the middle and lower tier laboratory bases and that this may impact the ability to accept work at those locations. The SECAF also directed that consolidation of Rome Lab, Rome, New York, be studied for consolidation at Hanscom AFB, in accordance with the LJCSG alternative. While the Air Force analysis had placed Rome Lab in the top tier of bases, analysis of its closure was to be accomplished to provide required responses to the LJCSG. The SECAF approved responding to the LJCSG as recommended in the briefing, although she declined to adopt the specific wording recommended. While the SECAF approved pursuit of the offer to receive work at Air Force installations in discussions with other JCSG members, she declined to formally offer such a consolidation.

A briefing was also provided to the SECAF on T&E issues. The briefing first examined potential consolidations from an intra-Air Force perspective. These were either consistent with the JCSG alternatives, but viewed from with an Air Force receiver, or were derived because of evident opportunities for consolidation within the Air Force. There were no Air Vehicle consolidations recommended by the JCSG. In Armaments and Weapons, the UTTR was identified as a possible transfer to ACC as a training range. All permanent T&E infrastructure would be removed, manpower reduced. Because the vast majority of activities at the UTTR are training, with only minimal test activities, such a transfer could be accomplished. Some large-footprint impact testing would continue to be accomplished, but this would be very infrequent and could be accomplished with mobile equipment.

Unlike the Air Vehicle and Armament/Weapons areas, there is less consolidation in the Electronic Combat function. Some consolidations appear to have potential, including the REDCAP and AFEWES activities, and this is consistent with JCSG alternatives to consolidate these activities. In addition, the Eglin EMTE activity could be consolidated on the Nellis Complex. In addition to the above, there is potential for moving the 475 WEG, but this would not be cost effective unless Tyndall is otherwise closed. The AFDTC at Holloman AFB would be required by other services, and the Holloman airfield provides support to White Sands activities. After this presentation, the SECAF requested the analysis continue on the intra-Air Force potential moves as briefed.

Turning to the JCSG-TE alternatives, the functional values of the various activities were reviewed. It was noted that the JCSG-TE made a policy decision not to move work from "core" activities. In addition, some activities were deemed "core" which did not fit the normal definition used by the JCSG-TE. In the JCSG alternatives, no receiver installation was recommended. It was noted that the Air Force T&E activities had been successfully consolidated in the past, and that the other Military Departments were seeking to achieve what the Air Force had already accomplished. The JCSG-TE alternatives were examined for capability and capacity fits with Air Force activities, and some were found to be consistent with Air Force capabilities.

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

## CLOSE HOLD - BCEG/BCEG STAFF ONLY

Some other core activity realignments, not recommended by the JCSG-TE, were considered as potential alternatives. While the SECAF authorized a continued dialogue with the other Services on these other alternatives, she requested any formal proposal be withheld at this time. She also authorized a response to the JCSG-TE consistent with the briefing's recommendations, and continued analysis of the alternatives. The SECAF was also advised that the Air Force had received additional alternatives from the Co-Chairmen of the JCSG-TE that were not developed in the JCSG process and for which no supporting analysis had been furnished. Because of the requirements of the OSD Internal Control Plan and policy guidance, the Air Force would not be responding to those alternatives, and would advise the JCSG-TE appropriately.

The SECAF then considered Large Aircraft basing options. It was noted that a Special Operations wing was scheduled to return to the United States from its Pacific location, and that the location of the wing has not been determined. As a result, the need to preserve room to beddown the wing was noted as a matter for consideration. It was agreed that the basing decision needed to wait until after the BRAC process was complete. Scenarios were examined that would close Minot and send the bombers to Fairchild, Barksdale, and Beale as alternate sites. Because of time limitations, completion of this review was delayed to the next SECAF meeting.

After this summary of the meeting with the SECAF, Lt Col Black presented a method of analysis for Satellite Control subcategory bases, using the slides at Atch 1. This analysis included a new approach for Criterion I analysis, and an analysis of the Encroachment subelement of Criterion II that focuses on the needs of a satellite control installation. Since this analysis has not been attempted in previous rounds, there has been some difficulty creating the measures for analysis. The previously approved subelements have not proven to be fully effective measures of capability. After discussion, the BCEG approved the revised subelements and weights as briefed.

After the subelements were approved, the BCEG reviewed the data and resulting grades for the two Satellite Control bases, using the computer database display. A representation of those criterion grades is attached. An error relating to the Cost Per Circuit subelement was discovered. After determining that the Circuit Cost regrading would not affect the overall grade and that the BCEG had the correct information, the BCEG reviewed all eight criteria grades for the two bases. After discussion, the BCEG voted by secret written ballot, giving each base a score from 1 to 3, with 3 as the highest grade. After totalling the votes and reviewing the totals, the BCEG voted to place the bases in the following tiers, with the Top Tier representing the highest category for retention:

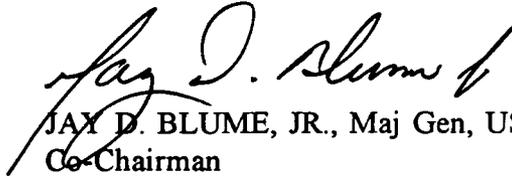
	<u>Base</u>
Top Tier	Falcon
Middle Tier	None
Bottom Tier	Onizuka

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**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

There being no further matters to discuss, the meeting was adjourned at 1535. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:            Selfridge Employment data  
                              BCWG verification of ANG COBRA  
                              Squadron size and number of units White Paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

**Attachments**

1. Satellite Control subelements
2. Satellite Control criterion grades

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



**BCEG CLOSE HOLD**  
**SATELLITE CONTROL ANALYSIS**

**BCEG ANALYSIS  
FOR  
“SATELLITE CONTROL BASES”**

12 DEC 94

**BCEG CLOSE HOLD**

1 12/14/94



**SATELLITE CONTROL ANALYSIS**

**PURPOSE**

TO RELOOK SPACE ANALYSIS



## SATELLITE CONTROL ANALYSIS

### ANALYSIS SATELLITE CONTROL

- MISSION CAPACITY
- MISSION SUPPORT
- RISK

### ● REPLACE ENCROACHMENT AREA SUB-ELEMENTS OF CRITERION II

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## SATELLITE CONTROL ANALYSIS

### MISSION CAPACITY - 50%

- CAPABLE OF CORE (25%)
  - CURRENTLY CAPABLE OF CORE - GREEN
  - NOT CURRENTLY CAPABLE, EQUIPMENT LIMITED - YELLOW
  - NOT CURRENTLY CAPABLE, FACILITY LIMITED - RED
- FUTURE MISSION PROJECTION OVER 10 YEARS
  - INCREASE OR STATUS-QUO - GREEN
  - DECLINE SLIGHTLY - YELLOW
  - DECLINE SIGNIFICANTLY (>30%) - RED
- FUTURE MISSION COMPATIBILITY
  - NO KNOWN LIMITING FACTORS - GREEN
  - SIGNIFICANT LIMITING FACTORS - RED
- SATELLITE OPS COMM CIRCUIT SUPPORT: COST PER CIRCUIT  
(AVERAGE COST PER HIGH DATA RATE *LONG HAUL CIRCUIT*)
  - LOWEST NUMBER (BENCHMARK) - GREEN
  - WITHIN 10% OF BENCHMARK - YELLOW
  - GREATER THAN OF 110% OF BENCHMARK - RED

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## SATELLITE CONTROL ANALYSIS

# MISSION SUPPORT- 30%

- **COMMUNICATION - SWITCH BANDWIDTH (50%)**
  - **COMMUNICATION SATELLITE TERMINALS**
    - GREATEST NUMBER (BENCHMARK) - GREEN
    - WITHIN 10% OF BENCHMARK - YELLOW
    - LESS THAN 90% OF BENCHMARK - RED
  - **BASE COMMUNICATION INFRASTRUCTURE**
    - GREATEST NUMBER (BENCHMARK) - GREEN
    - WITHIN 10% OF BENCHMARK - YELLOW
    - LESS THAN 90% OF BENCHMARK - RED
- **CONTROL POINTS (25%)**
  - GREATEST NUMBER (BENCHMARK) - GREEN
  - WITHIN 10% OF BENCHMARK - YELLOW
  - LESS THAN 90% OF BENCHMARK - RED
- **CPU EQUIVALENTS (25%)**
  - GREATEST NUMBER (BENCHMARK) - GREEN
  - WITHIN 10% OF BENCHMARK - YELLOW
  - LESS THAN 90% OF BENCHMARK - RED

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## SATELLITE CONTROL ANALYSIS

# RISK-20%

- **WAIVERS TO EXISTING SECURITY REQUIREMENTS**
  - YES- RED
  - NO- GREEN
- **OPS HOURS LOST DUE TO EXTERNAL FACTORS**
  - LESS THAN 24 HRS - GREEN
  - GREATER THAN 24 HRS ( C1 STATUS) - RED
- **ABILITY TO SUSTAIN CORE OPERATIONS**
  - 14 DAYS OR GREATER - GREEN
  - 7-14 DAYS - YELLOW
  - LESS THAN 7 DAYS - RED

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## SATELLITE CONTROL ANALYSIS

# CRITERION I OVERALL

• MISSION CAPACITY	50%
• MISSION SUPPORT	30%
• RISK	20%

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## SATELLITE CONTROL ANALYSIS

# ENCROACHMENT CRITERIA II

● ARE THERE ANY BUILDING, STRUCTURES, OVERHEAD POWER LINES, OR OTHER OBSTRUCTIONS WHICH REDUCE CORRIDORS OF VISION OR ELECTRONIC TRANSFER ABOVE ONE DEGREE ABOVE THE HORIZON BASED ON AN ANTENNA WITH A FOCAL POINT 40' ABOVE GROUND LOCATED AT THE BASE BOUNDARY?

● YES - RED

● NO - GREEN

● DO BASE BOUNDARY OR EASEMENTS PRECLUDE GROUND LEVEL RADIATION BY ANY ONE ANTENNA OR COMBINATION OF ANTENNAS EXCEEDING GOVERNMENT DEFINED PERSONNEL SAFETY LEVELS OF 2 MW/CM<sup>2</sup> INTO NON-GOVERNMENT CONTROLLED AREAS?

● YES - RED

● NO - GREEN

● DO BASE BOUNDARY OR EASEMENTS PRECLUDE OPERATIONS OF ELECTRONIC DEVICES, WITHIN ONE HALF MILE OF MISSION SYSTEMS, THAT COULD POTENTIALLY INTERFERE WITH THOSE SYSTEMS?

● YES - GREEN

● NO - RED

8 12/14/94





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

23 JAN 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 3 January 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Maj Gen McGinty, AF/DPP  
Maj Gen Heflebower, AF/PE  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Lt Col Black, AF/RTR

The meeting was called to order by Maj Gen Blume. He reviewed the status of various efforts to gather COBRA data and provide force beddowns to support various closures and realignment alternatives, and to respond to the JCSGs. Mr. Boatright advised the BCEG of a proposal from the Army which requests that the BCEG protect capacity at Edwards AFB that would accommodate an Army initiative to support an NTC Airhead. The request is included as Atch 1 to these minutes. The BCEG approved reserving sufficient capacity at Edwards to accommodate this need.

Lt Col Black presented cost data on the Onizuka realignment, using the slides at Atch 2. The BCEG questioned the high cost of support after the removal of the Air Force mission, and directed this be reviewed.

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

There being no further matters to discuss, the meeting was adjourned at 1130. The next BCEG meeting will be at the call of the Co-Chairmen.



JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman



JAMES F. BOATRIGHT  
Co-Chairman

**Attachments**

1. Army request
2. Onizuka data

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



DEPARTMENT OF THE ARMY  
OFFICE OF THE ASSISTANT SECRETARY  
INSTALLATIONS LOGISTICS AND ENVIRONMENT  
110 ARMY PENTAGON  
WASHINGTON DC 20310-0110



December 30, 1994

MEMORANDUM FOR THE DEPUTY ASSISTANT SECRETARY OF THE  
AIR FORCE (INSTALLATIONS)

SUBJECT: Possible Use of Edwards Air Force Base,  
California, as the National Training Center  
(NTC) Airhead

In early November, the Secretary of the Army gave the go-ahead for us to proceed with the Barstow-Daggett Airfield as the site for the NTC Airhead. Subsequent to that decision, in early December, the Chief of Staff of the Air Force expressed to the Chief of Staff of the Army the possibility of using Edwards Air Force Base as the NTC Airhead. An analysis of this alternative is currently underway to determine if there are sufficient advantages to using Edwards that would merit this issue being readdressed with the Secretary of the Army.

Attached is a draft information paper outlining the status of the Army's analysis. I wanted to make you aware of this information prior to finalization of Air Force BRAC recommendations. We hope to be able to give you a more definitive position within the next week or two.

Paul W. Johnson  
Deputy Assistant Secretary of the Army  
(Installations and Housing)  
OASA(I,L&E)

Attachment



**DRAFT**

INFORMATION PAPER

DAMO-TRS  
30 Dec 94

SUBJECT: Possible Use of Edwards AFB as the National Training Center's (NTC) Airhead

1. Purpose: To update the status of the decision making process on the desire to use Edwards AFB as the NTC airhead.

2. Facts.

a. Headquarters, Department of the Army (HQDA) is searching for a better alternative to the current method of bringing air passengers and cargo to NTC located near Barstow, CA.

b. After BRAC closed Norton AFB, NTC began an Alternatives Analysis Study (AAS) searching for an airhead to support their 12 training rotations yearly. The airhead needed a 10,000 foot runway supporting C5A, C141B, Boeing 747, L1011, DC10 aircraft; plus an area to be used for Army helicopter staging.

c. As a temporary solution, passengers land at McCarran International Airport near Las Vegas and are bussed four hours to NTC. Air cargo arrives at Magu Naval Air Station or March AFB, is assembled/reconfigured and then moved to NTC.

c. In Oct 93, NTC submitted its AAS to Forces Command (FORSCOM) and HQDA for review. Available alternatives for consideration were: McCarran International Airport, (the former) George AFB, March AFB, and Barstow-Daggett Airport. At the time Edwards AFB was not approved by the Air Force as a possibility for the NTC airhead. For a myriad of reasons, in Dec 93 numerous HQDA agencies did not concur with NTC's rationale supporting their recommendation among the four possible candidates. NTC was required to do additional research and study.

d. Army Staff agencies concurred with NTC's revised analysis and rationale in Apr 94 and submitted the AAS to the Army Secretariat for review and approval. Additional issues surfaced requiring more research and analysis Jun - Oct 94.

e. Unexpectedly this fall, Edwards AFB became a possible alternative during conversations between Generals Sullivan and Fogleman. The possibility of using Edwards was discussed in open forum between the two Chiefs of Staff during the Army/Air Force Warfighter Talks, 5-6 Dec 94, at Carlisle Barracks, PA.

f. NTC's Commander conducted a reconnaissance of Edwards AFB with NTC's and Edwards' staffs. Generally the NTC airhead

**DRAFT**

**DRAFT**

needs to support approximately 12 brigade task force rotations yearly. Each brigade consists of 3000-4500 soldiers. Other requirements for each rotation would generally consist of:

- (1) support of 30-40 helicopters
- (2) support of approximately 90 wheeled vehicles
- (3) handling of 200 tons of military cargo
- (4) Arrival/Departure Airfield Control Group operations including Air Lift Control Element support, and washing facilities for helicopter redeployment reconfiguration
- (5) 10,000 foot runway with instrumented landing system, plus 24 hour air traffic control tower operations, fire and crash rescue service during aircraft operating periods
- (6) 600,000 square feet of aircraft parking area
- (7) 200,000 square feet of aircraft staging area
- (8) 5,000 square feet of office/administration space
- (9) 25,000 square feet of office/administration/personnel holding space plus a building to use on call for holding 470 passengers for up to 8 hours should transportation be delayed
- (10) refueling for military and commercial aircraft
- (11) aircraft fleet service

g. On 23 Dec 94 Edwards provided rough cost figures based on the above requirements. The rough cost figures indicate Edwards AFB is an extremely competitive alternative to the four previously considered.

h. FORSCOM is currently conducting an economic analysis to ensure that decision factors between Edwards and the previously considered four alternatives are the same. Estimated time to complete the analysis by FORSCOM is early Jan 95.

i. In view of BRAC, the Department of the Air Force needs to be contacted about the Army's desire for the NTC Airhead to be considered as a possible tenant unit at Edwards AFB in order to reserve the needed facilities at the base. A final decision will be provided after completion of the AAS.

COL Ervin/5-2452

**DRAFT**

# ONIZUKA REALIGNMENT

# COBRA

- ONE TIME CLOSURE COST \$124M
- NET PRESENT VALUE \$13M
- ROI 18years

# REALIGNMENT COST

- **ONE TIME BRAC COST**

• NATIONAL MISSION RELOCATION (partial move)	\$72M
• AIR FORCE SPACE COMMAND	\$54M
<b>TOTAL</b>	<b>\$126M</b>

- **RECURRING COST**

• REQUIRING O&M 1999-2001 ( \$35.5 PER YEAR)	\$106.5
• REQUIRING O&M 2001-2004( \$30.5 PER YEAR)	\$122.0
<b>TOTAL NON-BRAC</b>	<b>\$328.3</b>



01

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE

WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

24 FEB 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 6 January 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Mr. Mleziva, AF/BCWG  
Col Mayfield, AF/RTR  
Col Walters, AF/PE  
Lt Col Rodefer, AF/XOFC  
Maj Niezgodna, AF/SC  
Capt Roop, AF/CEVP

The meeting was called to order by Mr. Boatright. On January 4, 1995, the BCEG met with SECAF to discuss developing BRAC issues. The SECAF reviewed ANG options. The unit at Moffett is recommended for a move, either to McClellan or Beale. The location is dependent on other Air Force BRAC decisions. Further analysis will be accomplished on the McClellan move costs. CSAF requested consideration of that unit converting from air rescue to another mission, but this would not be part of the BRAC move. The ANG recommended against closure of Kingsley Field, because this is the single air guard unit in the state. SECAF has previously requested ANG and AFRES to maintain a presence in as many states as possible, since this raises public awareness of the important missions performed by those organizations. As an alternative,

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## **CLOSE HOLD - BCEG/BCEG STAFF ONLY**

the ANG recommended Springfield-Beckley Municipal Airport AGS be considered and moved into vacated AFRES facilities at Wright-Patterson AFB. The Secretary agreed with the ANG recommendation concerning Kingsley and agreed that the Springfield alternative should be examined.

AF/RE then briefed some AFRES recommendations. After looking at the McClellan unit scheduled to go to Beale, AFRES determined that the cost is too much to go anywhere other than Beale. They recommended this potential redirect be removed from further consideration. They then discussed the following AFRES actions under consideration: Closure of Bergstrom ARB, with conversion of the NAS Ft Worth (former Carswell AFB) unit to F-16s and movement of the tankers to MacDill AFB; redirect the 301st Rescue Squadron to remain at Patrick AFB in lieu of relocating to Homestead ARS; and closure of Pittsburgh ARS, with relocation of aircraft to Dobbins and Peterson AFBs. It was noted during the discussion of the Bergstrom closure alternative that the unit at NAS Ft Worth (former Carswell AFB) is still equipped with F-16s but is scheduled to be converted to KC-135s. Thus, this proposal would cancel that conversion, inactivate the Bergstrom unit, and stand up a KC-135 unit at MacDill. The Secretary agreed with the AFRES recommendation to discontinue further consideration of alternatives to the scheduled move of KC-135s from McClellan to Beale. She also agreed that the other actions under consideration should continue to be evaluated.

The SECAF then reviewed the COBRA data based on moving the Air Force mission from Onizuka to Falcon, moving some of the national mission, and leaving the remaining national mission with minimal Air Force presence. This was viewed as the most cost-effective option.

Maj Gen Blume then reviewed the option of the Minot closure with the force structure moving to Beale AFB. This move proved very expensive for just twelve aircraft. In addition, there was concern over introducing special weapons into that installation, Air Quality concerns with other potential missions, and SIOP force structure distribution. After review, the SECAF determined this was not an advisable option. Maj Gen Blume then reviewed the other closure and realignment candidates, with others that were set for further study. He noted that Rome Lab was continued as an open item because of its uncertain destination, since Hanscom AFB and Ft Monmouth, were still under analysis. Open, as shown on the chart, meant that the process of analysis was ongoing.

After reviewing the entire list of potential closures, the SECAF directed that a two-depot closure scenario be examined, including its impact on potential lab closures, since some of the lab work would normally move to the depot sites. The SECAF also requested an overview so that all potential closure and realignment actions could be examined as a package. She also determined that the Minot closure was not advisable, given the scenarios reviewed and the strategic concerns.

After the summary of the SECAF meeting, Brig Gen Weaver briefed ANG issues regarding Moffett Field, using the slides at Atch 1. Both the options of Beale and McClellan as receivers for the Moffett unit worked well for the Air Guard, depending on other decisions in the process. He discussed the issue raised by CSAF concerning the potential conversion of air rescue forces, and related that if such a conversion should be accomplished, it would be outside the BRAC process. He then reviewed the COBRA data for the move to McClellan.

## **CLOSE HOLD - BCEG/BCEG STAFF ONLY**

## **CLOSE HOLD - BCEG/BCEG STAFF ONLY**

Mr. Mleziva, AF/BCWG, briefed the options for movement of some of the lab activities, using the slides at Atch 2. He first examined the Los Angeles closure, with movement to Hill and McClellan. There would be an additional bill for military family housing in this move that is not shown. This issue was in question because of uncertainty of requirements by officer and enlisted at McClellan and because of potential conversion of some positions to civilian from military. Mr. Boatright asked that, in light of the discussion, some number more than zero be used, and that the BCWG document the rationale for the number that is used. Mr. Mleziva noted that some reduced costs are included from the level playing field analysis, because of refined estimates of SCIF space and costs for civilian relocation. Mr. Mleziva also requested guidance on the retention of military family housing. The BCEG directed that the figures should reflect a closure of MFH in the event Los Angeles AFB closes. Mr. Boatright also noted that property sale revenue should be refined in the event the SECAF chooses this option, because of the potential value of this property in Los Angeles.

The Kirtland closure option was then examined. Mr. Mleziva noted that the optical telescope at Phillips Lab would remain, as well as three satellite buildings. There was still some \$800 million of equipment to be moved. The option of cantoning the Phillips Lab operation was also examined. This option appeared much more cost effective.

The BCEG then reviewed options for Brooks AFB. There are two options for AFCEE movement, both with good rationale. The BCEG noted that, although this may affect costs, if the SECAF chooses the Brooks option, the AFCEE movement will need to be addressed with the functional managers and resolved.

Maj Niezgodza, AF/SCXX, briefed options for the possible redirect of the 485 EIG, using the slides at Atch 3. The unit would be inactivated and its functions moved to different locations. The BCEG approved this move as advisable and consistent with its analysis, and agreed to present it to the Secretary for consideration.

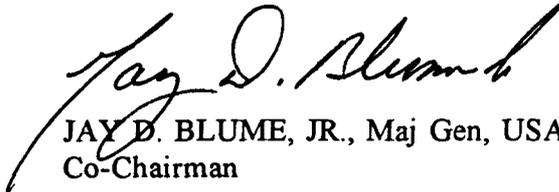
Lt Col Rodefer, AF/XOFC, reviewed the Ellsworth closure with associated force structure moves, using the slides at Atch 4. He noted that the costs are less because of a lower estimate of the cost of buying out the housing lease at Ellsworth. He then reviewed the BRAC 95 Final Force Structure Plan, noting differences from the numbers used in the level playing field and initial capacity analysis.

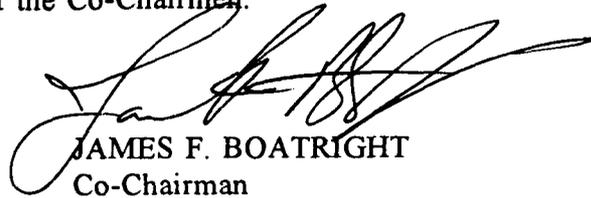
Capt Roop, AF/CEVP, reviewed air quality issues related to the moves into Falcon AFB, using the slide at Atch 5. Falcon AFB and Peterson AFB are in the same air quality district. It appeared doubtful that any move of Los Angeles AFB activities could be accommodated if the Onizuka move to Falcon were approved.

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

The BCEG then discussed some options for Malmstrom AFB aircraft, including Charleston. The BCEG approved showing some different options for Malmstrom airfield closure to the SECAF. There being no further matters to discuss, the meeting was adjourned at 1230. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

**Attachments**

1. ANG issues
2. Lab options
3. 485 EIG Costs
4. Force structure
5. Air Quality - Falcon AFB

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



BCEG CLOSE HOLD

**Base Closure Executive Group**

**BASE**

- MOFFETT, CA
- MOFFETT, CA



**OPTIONS**

**OPTION**

- BEALE AFB
- McCLELLAN AFB

BCEG CLOSE HOLD

1 1/9/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

**MOFFETT TO BEALE AFB**

**RECOMMENDATION**

BRACAL	\$29.8M
TOTAL NET ONE-TIME COSTS	\$37.2M
ROI	10 Yrs



BCEG CLOSE HOLD

2 1/9/95

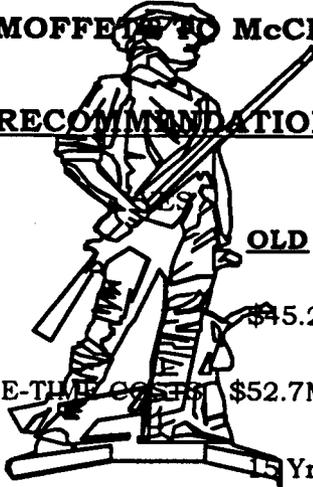


BCEG CLOSE HOLD

**Base Closure Executive Group**

**MOFFETT TO McCLELLAN AFB**

**RECOMMENDATION**



	<u>OLD</u>	<u>NEW</u>
BRACAL	\$45.27M	\$23.48M
TOTAL NET ONE-TIME COSTS	\$52.7M	\$31M
ROI	15 Yrs	8 Yrs

BCEG CLOSE HOLD

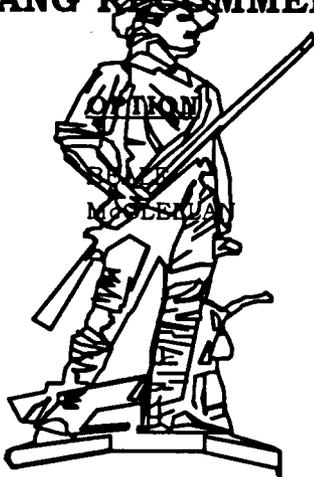
3 1/9/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

**ANG RECOMMENDATIONS**



BASE

MOFFETT, CA  
MOFFETT, CA

RECOMMENDATION

YES  
YES

BCEG CLOSE HOLD

4 1/9/95



BCEG CLOSE HOLD

6 JANUARY 1995 SECAF BRIEF

# BRAC '95

BCEG CLOSE HOLD

1 1/18/95



BCEG CLOSE HOLD

6 JANUARY 1995 SECAF BRIEF  
LOS ANGELES CLOSURE

## OPTION 1

HILL  
+MISSILE ACTIVITIES

CRITERIA IV & V	
COST	ROI
223/(331)	4

McCLELLAN  
+SPACE ACTIVITIES

LOS ANGELES  
-SPACE ACTIVITIES  
-MISSILE ACTIVITIES



BCEG CLOSE HOLD

2 1/18/95



BCEG CLOSE HOLD

**6 JANUARY 1995 SECAF BRIEF  
LOS ANGELES CLOSURE**

**OPTION 2**

**CRITERIA IV & V**  
COST ROI  
229/(350) 4

HILL  
+MISSILE ACTIVITIES

WRIGHT-PATTERSON  
+SPACE ACTIVITIES

LOS ANGELES  
-SPACE ACTIVITIES  
-MISSILE ACTIVITIES



BCEG CLOSE HOLD

3 1/18/95



BCEG CLOSE HOLD

**6 JANUARY 1995 SECAF BRIEF  
KIRTLAND CANTONMENT**

**OPTION 1**

**CRITERIA IV & V**  
COST ROI  
352/(519) 4

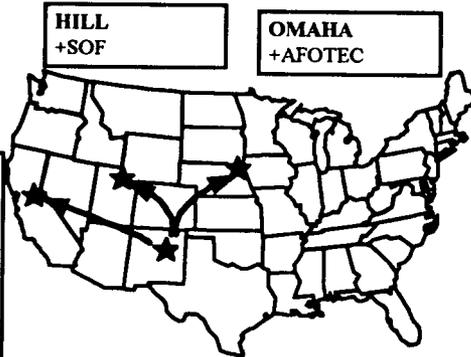
HILL  
+SOF

OMAHA  
+AFOTEC

McCLELLAN  
+PHILLIPS LAB

**KIRTLAND**  
-PHILLIPS LAB  
-SOF  
-AFOTEC  
REMAINING AIR FORCE

OFF	AMN	CIV	TOTAL
62	63	620	745
REMAINING OTHER			
102	75	9805	9,982



BCEG CLOSE HOLD

4 1/18/95



BCEG CLOSE HOLD

**6 JANUARY 1995 SECAF BRIEF**

**KIRTLAND CANTONMENT**

**OPTION 2**

CRITERIA IV & V	
COST	ROI
329/(550)	4

HILL  
+SOF

OMAHA  
+AFOTEC

WRIGHT-PATTERSON  
+PHILLIPS LAB

KIRTLAND			
-PHILLIPS LAB			
-SOF			
-AFOTEC			
REMAINING AIR FORCE			
OFF	AMN	CIV	TOTAL
62	63	620	745
REMAINING OTHER			
102	75	9805	9,982



BCEG CLOSE HOLD

5 1/18/95



BCEG CLOSE HOLD

**6 JANUARY 1995 SECAF BRIEF**

**KIRTLAND CANTONMENT**

**OPTION 3**

CRITERIA IV & V	
COST	ROI
110/(678)	1

HILL  
+SOF

OMAHA  
+AFOTEC

KIRTLAND			
-SOF			
-AFOTEC			
REMAINING AIR FORCE			
OFF	AMN	CIV	TOTAL
102	73	1,667	1,842
REMAINING OTHER			
102	75	9805	9,982



BCEG CLOSE HOLD

6 1/18/95



BCEG CLOSE HOLD

**6 JANUARY 1995 SECAF BRIEF**

**BROOKS CLOSURE**

**OPTION 1**

**CRITERIA IV & V**

**COST RO**

**242/(80) 10**

**WRIGHT-PATTERSON**  
-ARMSTRONG LAB  
-HUMAN SYS CTR (INCLUDES  
MEDICAL SCHOOL & STUDENT)  
-AIR INTELLIGENCE AGENCY



**BROOKS**  
-ARMSTRONG LAB  
-HUMAN SYS CTR (INCLUDES  
MEDICAL SCHOOL & STUDENT)  
-AIR INTELLIGENCE AGENCY  
-CTR, ENVIR. EXCELLENCE

**TYNDALL**  
+ CTR, ENVIR. EXCELLENCE

BCEG CLOSE HOLD

7 1/18/95



# 485 EIG REDIRECT PROPOSAL

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



**RECOMMENDATION: INACTIVATE THE 485 EIG. MOVE ENGINEERING RESOURCES TO TINKER AFB AND INSTALLATION RESOURCES TO LACKLAND/MCCLELLAN**

	<u>COST (\$M)</u>	<u>PAYBACK (YRS)</u>
GRIFFISS AFB TO HILL AFB	24.4	6
GRIFFISS AFB TO TINKER AFB, LACKLAND, AND MCCLELLAN	9.4	2

**LARGE AIRCRAFT -- ACTIVE COMPONENT  
FLYING FORCE STRUCTURE REALIGNMENTS**

**ELLSWORTH AFB -- BASE CLOSURE**

# ***ELLSWORTH AFB -- BASE CLOSURE***

## **ELLSWORTH AFB**

- 30 PAA B-1  
- 3 SQ FLAGS

## **CRITERIA IV & V**

**COST      ROI**

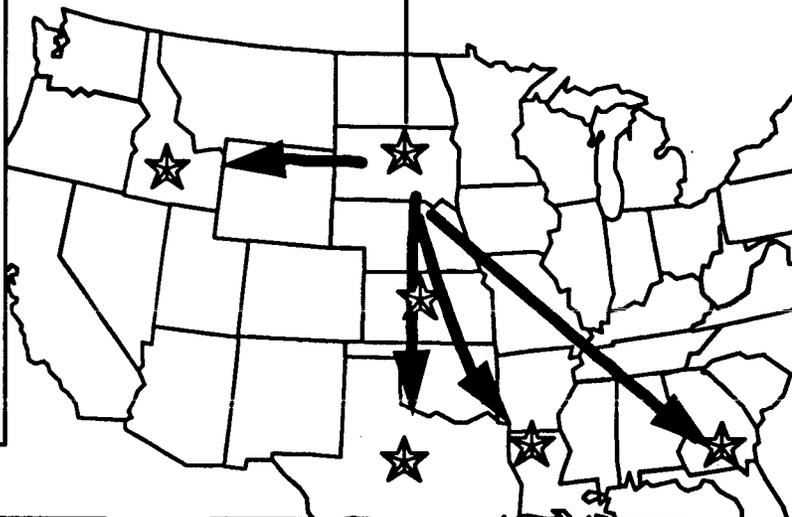
208/(663)      3

## **MT HOME AFB**

+ 6 PAA B-1B

### **TOTAL:**

18 PAA F-15C  
24 PAA F-16C  
18 PAA F-15E  
6 PAA B-1B  
6 PAA KC-135R  
3 PAA E-3B  
3 PAA T-38A



## **ROBINS AFB**

+ 4 PAA B-1B (TO ANG)

### **TOTAL:**

12 PAA KC-135R  
5 PAA EA-8  
1 PAA EC-135Y  
1 PAA EC-137D  
12 PAA B-1B (ANG)

## **McCONNELL AFB**

+ 4 PAA B-1 (TO ANG)

### **TOTAL:**

48 PAA KC-135R  
12 PAA B-1B (ANG)

## **DYESS AFB**

+ 16 PAA B-1B  
+ 99th OPG - B-1B

### **TOTAL:**

99th OPG - B-1B  
40 PAA CC B-1B  
12 PAA TF B-1B  
24 PAA CA C-130H

## **BARKSDALE AFB**

+ 99th OPG - B-52

### **TOTAL:**

99th OPG - B-52  
24 PAA CC B-52H  
12 PAA TF B-52  
8 PAA CC B-52H (AFR)  
18 PAA A/OA-10

**JCS DRAFT BRAC 95 FINAL FORCE  
STRUCTURE PLAN**

# BRAC 95 FINAL FORCE STRUCTURE PLAN

PAA FORCE STRUCTURE								
FIGHTERS ACTIVE (DOES NOT INCLUDE TRAINING OR TEST AIRCRAFT)								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93	1098	1098	1098	1098	1098	N/A	N/A	BASED ON 2A SEWF RASF FORCE
95 PB	936	936	936	936	936	N/A	N/A	BASED ON 20 FWF RIR FORCE
JCS - FEB 94	936	936	936	936	936	936	936	BASED ON 20 FWF RIR FORCE
96 POM	966	936	936	936	936	936	936	BASED ON 20 FWF RIR FORCE
JCS 96 PB	936	936	936	936	936	936	936	BASED ON 20 FWF RIR FORCE
<b>DELTA BRAC 93 TO 96 PB</b>								-162
REFLECTS REDUCTION FROM RASF FORCE TO RIR FORCE								
FIGHTERS ANG/AFRES								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93	852	810	810	810	810	N/A	N/A	BASED ON 2A SEWF RASF FORCE
95 PB	540	504	504	504	504	N/A	N/A	BASED ON 20 FWF RIR FORCE
JCS - FEB 94	576	504	504	504	504	504	504	BASED ON 20 FWF RIR FORCE
96 POM	555	504	504	504	504	504	504	BASED ON 20 FWF RIR FORCE
JCS 96 PB	576	504	504	504	504	504	504	BASED ON 20 FWF RIR FORCE
<b>DELTA BRAC 93 TO 96 PB</b>								+306
REFLECTS REDUCTION FROM RASF FORCE TO RIR FORCE								
BOMBERS ACTIVE (INCLUDES TRAINING AIRCRAFT)								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93	150	156	158	158	158	N/A	N/A	
95 PB	89	85	86	88	90	N/A	N/A	
JCS - FEB 94	89	85	86	88	90	90	90	
96 POM	122	105	104	102	103	118	130	
JCS 96 PB	122	105	104	102	103	118	130	
<b>DELTA BRAC 93 TO 96 PB</b>								-28
REFLECTS RETIREMENT OF 2A TAIR-52A								
BOMBERS ANG/AFRES								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93	26	26	26	26	26	N/A	N/A	
95 PB	18	26	26	26	26	N/A	N/A	
JCS - FEB 94	18	26	26	26	26	26	26	
96 POM	18	20	22	26	26	24	24	
JCS 96 PB	18	20	22	26	26	24	24	
<b>DELTA BRAC 93 TO 96 PB</b>								-2
REFLECTS SIGHT ADJUSTMENT TO ACTIVE/AFRES								

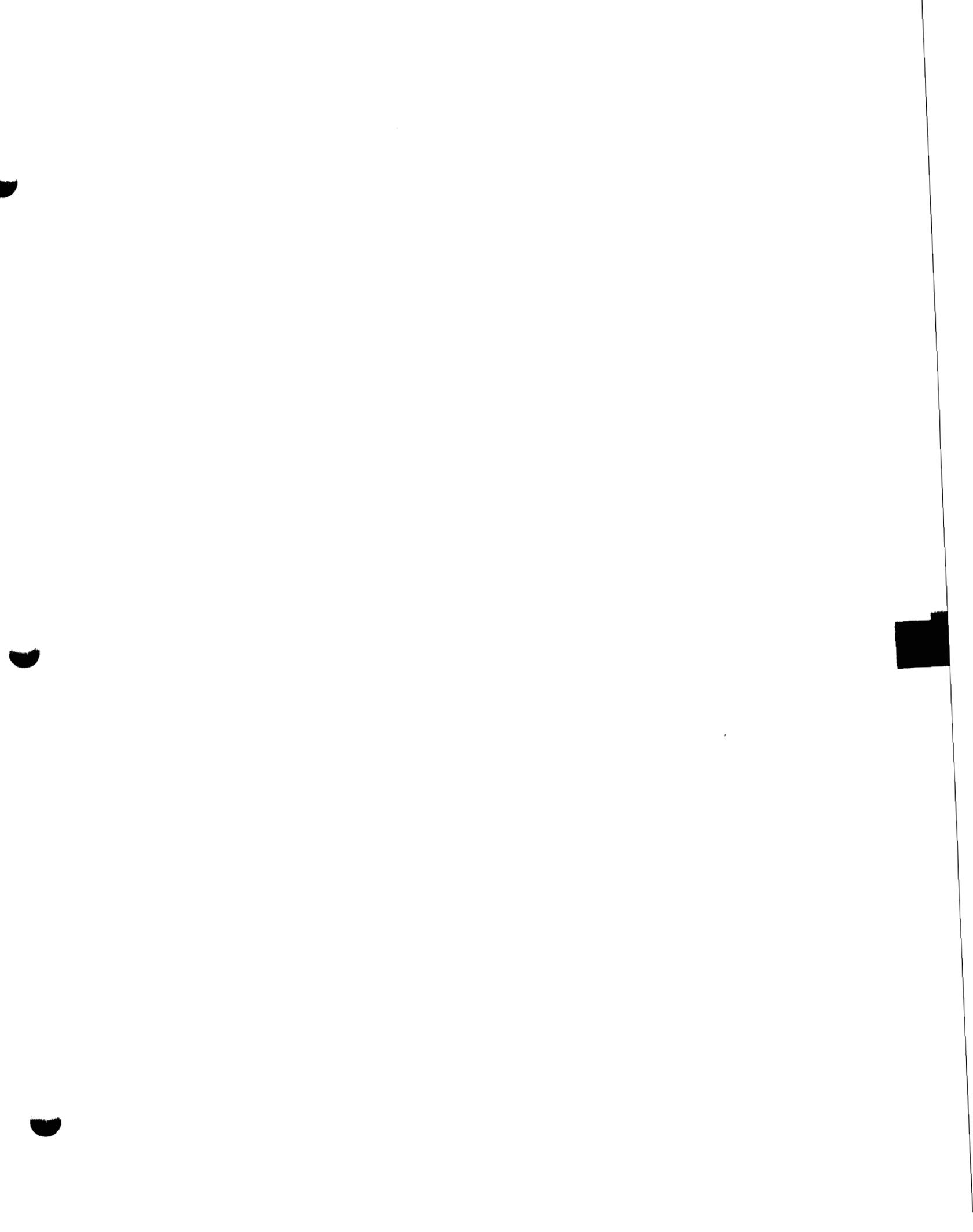
PAA FORCE STRUCTURE								
TANKERS ACTIVE (DOES NOT INCLUDE TRAINING AIRCRAFT)								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93/94 POM	308	306	302	302	302	302	302	Includes 24 TF
95 PB	271	258	258	258	258	258	258	Does not include 24 TF
JCS - FEB 94	271	258	258	258	258	258	258	Does not include 24 TF
96 POM	271	258	258	258	258	258	258	Does not include 24 TF
96 RES/BRAC 95	271	258	258	258	258	258	258	Does not include 24 TF
<b>DELTA BRAC 93 - 95</b>								-28
Reduction: Transfer to ARC, Redesignation to EAL								
TANKERS ANG/AFRES								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93/94 POM	262	262	262	262	262	262	262	
95 PB	261	271	271	271	271	271	271	
JCS - FEB 94	261	271	271	271	271	271	271	
96 POM	261	268	268	268	268	268	268	
96 RES/BRAC 95	261	268	268	268	268	268	268	
<b>DELTA BRAC 93 - 95</b>								+8
Increase: 4 from 24 to 32								
STRATEGIC AIRLIFT ACTIVE (DOES NOT INCLUDE TRAINING AIRCRAFT)								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93	265	249	235	235	231	N/A	N/A	
94 POM	248	239	235	238	236	236	236	
95 PB	222	222	208	194	195	175	175	
JCS - FEB 94	222	222	208	194	195	175	175	
96 POM	224	217	198	182	183	159	155	
96 RES/BRAC 95	224	217	198	182	183	159	155	
<b>DELTA BRAC 93 - 95</b>								-78
Reduction: C-141 Retirement, C-17 Upgrade, A310X								
Change: P-8A								
STRATEGIC AIRLIFT ANG/AFRES								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93/94 POM	95	103	103	103	103	103	103	
95 PB	95	95	95	95	95	95	95	
JCS - FEB 94	95	95	95	95	95	95	95	
96 POM	96	96	96	96	96	96	96	
96 RES/BRAC 95	96	96	96	96	96	96	96	
<b>DELTA BRAC 93 - 95</b>								-7
Reduction: C-141 Retirement								
TACTICAL AIRLIFT ACTIVE (DOES NOT INCLUDE TEST AIRCRAFT)								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93/94 POM	167	166	162	156	165	169	163	Includes 20-14 TF
95 PB	136	136	136	136	136	136	136	Does not include 24 TF
JCS - FEB 94	136	136	136	136	136	136	136	Does not include 24 TF
96 POM	136	136	136	136	134	134	132	Does not include 24 TF
96 RES	136	136	140	140	138	138	136	Does not include 24 TF
BRAC 95	136	136	138	136	134	134	132	Does not include 24 TF
<b>DELTA BRAC 93 - 95</b>								-13
Reduction: PACAF C-130 Ground, Transfer to ARC								
TACTICAL AIRLIFT ANG/AFRES								
	FY 95/4	FY 96/4	FY 97/4	FY 98/4	FY 99/4	FY 00/4	FY 01/4	COMMENTS
BRAC 93/94 POM	280	286	288	288	286	286	286	Includes 42A, 41C, 8 TF, 8 WC
95 PB	264	264	264	264	264	264	264	Includes 42A, 8 WC
JCS - FEB 94	252	252	252	252	252	252	252	
96 POM	284	284	284	284	284	284	284	Includes 42A, 8 WC
96 RES	292	304	280	280	280	280	280	
BRAC 95	280	292	288	288	288	288	288	Does not include 42B, 41C, 8 TF, 8 WC, 120
<b>DELTA BRAC 93 - 95</b>								+8
Reduction: 42B, 41C, 8 TF, 8 WC, 120								

# Falcon AFB

BCEG Action	Conformity Analysis	Emissions Above 1990 Baseline	Status
Add Onizuka 955 Pax	YES	291	Y
Add Onizuka Add LA AFB	YES	1972	R

Beale <i>Falcon</i>	Status
Attainment	Y
Restriction	G
Future Growth	Y
Air Quality	Y+

(Capt Roop/73360/CEVC/6JAN95)





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

20 FEB 1995

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 11 January 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Maj Gen McGinty, AF/DPP  
Maj Gen Heflebower, AF/PE  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Mr. Heady, SAF/GCN

The meeting was called to order by Mr. Boatright. On January 6, 1995, the BCEG met with the SECAF to review BRAC issues. The options for movement of the various laboratories were reviewed. The SECAF asked that the Kirtland tenants be reviewed for better locations, even though the move to Offutt as briefed might be cheaper. She noted that their functions potentially could be better served in other locations.

When reviewing the Brooks AFB, the SECAF noted that this might be an opportunity for cross-service consolidation in the Human Systems area. She noted that the savings were less than she would prefer in relation to the costs incurred in the closure, and expressed continuing concern over the economic impact in the San Antonio area when coupled with the potential closure of Kelly AFB. The SECAF noted that the closure of Los Angeles AFB would result in a loss of its connectivity with the aerospace community in that area. On the other hand, SECAF noted that the cantonment option for Kirtland AFB seemed to offer an opportunity for considerable savings at relatively low cost.

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

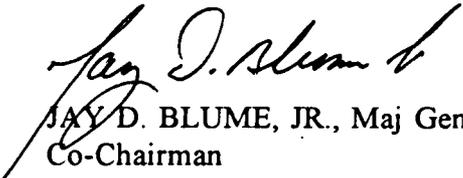
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

Large Aircraft subcategory options were then reviewed. The question of reopening MacDill as an active versus reserve airfield was discussed. For a number of reasons, it appeared that opening the airfield as an active operation was better than a reserve airfield. Mr. Boatright questioned the savings at Malmstrom, and this will be reviewed. The SECAF then reviewed all eight criteria for Ellsworth AFB. The differences between level playing field COBRA and the current COBRA estimates were reviewed and the areas in which it received a low Criterion I grade were examined.

After reviewing all accomplishments that transpired at the SECAF meeting, Mr. Boatright then noted that today's BCEG would consider an overview of the potential candidates, requested during the previous SECAF meeting. Col Mayfield, AF/RTR, briefed the cost estimates on the movement of the Ft Drum support to an improved airfield at Ft Drum vice the airfield at the former Griffiss AFB, using the slide at Atch 1. He noted that the Army was in general agreement with the concept, but would not agree with the cost estimates until a site survey was accomplished. Mr. Boatright expressed concern that this was insufficient, and asserted that the Army needed to agree with the requirements, if not the costs, before the Air Force could go forth with this redirect. He requested additional action to ensure the Army and Air Force agreed with the requirements.

Several slides at Atch 2 reflecting potential closures, realignments, and redirects were reviewed because of the new definitions provided by DoD. Some actions previously considered realignments would be viewed as closures, except for remaining units. The installations listed continue to be potential actions since the SECAF has not made any decisions at this time. The BCEG also reviewed a database presentation product to be used to show the SECAF an overview of potential actions.

There being no further matters to discuss, the meeting was adjourned at 1240. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. Ft Drum
2. Potential actions

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



BCEG CLOSE HOLD

# Mobility Support of 10th Mountain Division at Ft Drum NY

- Estimates Based on Oct 94 Study
  - MILCON: \$50.7m
  - Annual Recurring Costs: \$2.8m
- 10 Year Comparison

	<u>Total</u>	<u>Avg Annual</u>
Griffiss AFB	\$161.6m	\$16.1m
Ft Drum	\$77.6m	\$7.7m

- Army TABS office concurs with study estimate

BCEG CLOSE HOLD



BCEG CLOSE HOLD

**12 JANUARY 1995 SECAF BRIEF**

**BRAC 95 STATUS**

- Ellsworth AFB, South Dakota **Candidate**
- Kelly AFB, Texas **Candidate**
- Reese AFB, Texas **Candidate**
- Rome Laboratory, Rome, New York **Candidate**
- Pittsburgh IAP, ARS, Pennsylvania **Candidate**
- REDCAP, Buffalo, New York (T&E) **Candidate**
- AFEWES, Fort Worth, Texas (T&E) **Candidate**
- North Highlands ANGS, California **Candidate**
- Ontario ANGS, California **Candidate**
- Roslyn ANGS, New York **Candidate**
- ANG Activities, NASA Moffett Fld, California **Candidate**
  - 129th AQS/ANG
- ANG Activities, Springfield-Beckley AP, Ohio **Candidate**
- Bergstrom ARB, Texas **Candidate**

BCEG CLOSE HOLD

**12 JANUARY 1995 SECAF BRIEF**  
**BRAC 95 STATUS**



**Realignments**

- Malmstrom AFB, Montana
- Inactivate Runway
- Grand Forks AFB, North Dakota
- Inactivate Missile Field
- Onizuka AFS, California
- Kirtland AFB, New Mexico
- Hill AFB, Utah
- UTTR From AFMC to ACC
- Eglin AFB, Florida
- Inactivate AFDTC EMTE, (T&E)

**Candidate**

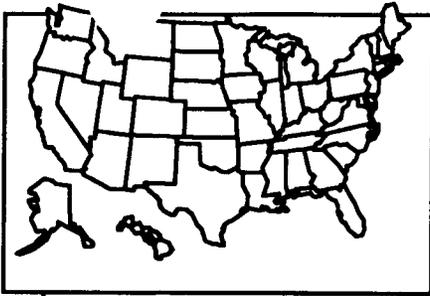
**Candidate**

**Candidate**

**Candidate**

**Candidate**

**Candidate**



BCEG CLOSE HOLD

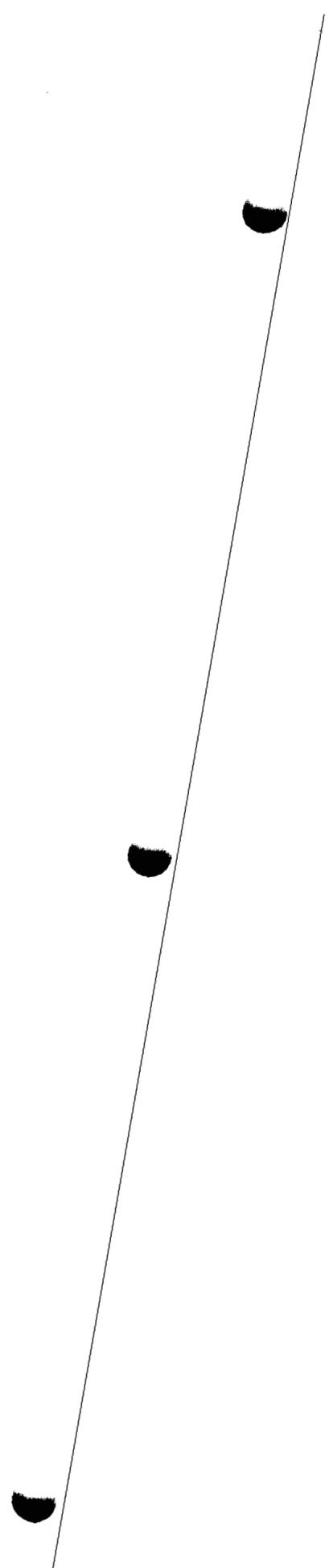
**12 JANUARY 1995 SECAF BRIEF**  
**BRAC 95 STATUS**

- Redirects

- |   |                  |
|---|------------------|
| • MacDill AFB, Florida                    | <b>Candidate</b> |
| • Armstrong Laboratory, Mesa, Arizona     | <b>Candidate</b> |
| • 21SSG, Lowry Support Center, Colorado   | <b>Candidate</b> |
| • 485th EIG, Griffiss AFB, New York       | <b>Candidate</b> |
| • ANG Support for 10th Mountain Division  | <b>Open</b>      |
| • 301st RQS/AFRES, Homestead AFB, Florida | <b>Candidate</b> |

BCEG CLOSE HOLD





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

09 MAR 1995

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 20 January 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR

The meeting was called to order by Mr. Boatright. On January 12, 1995, the BCEG met with the SECAF for a BRAC update. The Kirtland cantonment option was reviewed, with updates on tenant relocations. After reviewing the information, the SECAF requested a comparison of the return on investment from a closure including the Phillips Lab facility, but using the same assumptions on cantonment of the weapons storage and Sandia Lab tenants. The SECAF then reviewed the Rome Lab options. The SECAF directed that a split of work from Rome Lab, with Hanscom and Ft Monmouth each receiving some work, be pursued. One option was to look at applied research being done at Ft Monmouth.

The action which would close the Malmstrom AFB airfield and relocate the tanker unit to MacDill AFB was then reviewed. If this action occurs, the AFRES unit from Bergstrom ARB would be moved to MacDill, and Bergstrom ARB would close. The CSAF asked that the Reserve unit be examined for conversion to an associate, rather than a unit-equipped, unit. The SECAF noted that the Air Force was already obligated to pay to run the airfield at MacDill to provide support to the CINCs as directed by the DEPSECDEF and that relocation of one or both

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

of these units to MacDill would make the operation of the airfield more cost effective. Mr. Boatright reminded the group that retention of this airfield by the Air Force would require a redirect from the 1995 Commission.

The options regarding McClellan and Kelly were examined. The additional costs of closing both McClellan and Kelly were discussed. The ability to send some work to inter-service sites was noted as affecting the final costs of a two-depot closure option. Some discussion of the costs of closure and environmental remediation followed, with consideration of budget impacts from various alternatives.

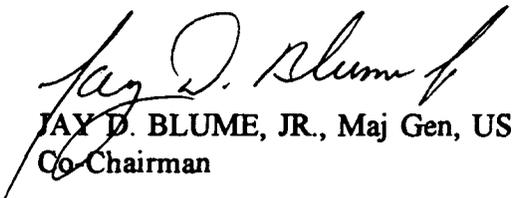
The SECAF reviewed the UFT option. The JCSG option of Vance AFB as a second Air Force closure was mentioned, but the SECAF viewed this as unattractive unless the other parts of the JCSG alternatives, including other Service closures, occurred as well. The Ellsworth closure was then discussed, with a potential move of more B-1 aircraft to Dyess, and a subsequent move of the C-130 aircraft to Little Rock to ease some of the operational burden. This option will be examined further. The SECAF then reviewed all potential actions.

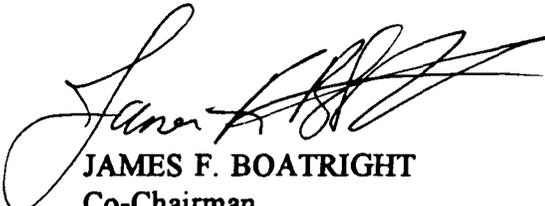
Following the summary of the SECAF meeting, the BCEG examined COBRA updates on the slides at the attachment. The slides reflect the costs of single and multiple depot base closures, as requested by the SECAF. The Malmstrom closure reflects a transfer of the personnel at Malmstrom to MacDill to reopen that airfield as an active duty operation, and savings of the contract costs to operate the airfield in support of the unified commands located at MacDill, as required by OSD.

Maj Gen Blume noted that for Rome Lab and Brooks AFB, options to distribute laboratory functions to locations both within the Air Force and other military departments are being examined as directed by the SECAF. The ANG move from Moffett to McClellan included new cost numbers to move two communications units that were not included previously.

The option of expanding the Ft Drum airfield to support mobility and contingency operations of the 10th Mountain Division, and the closure of the contractor airfield at Griffiss was discussed. There is disagreement between the Army and Air Force on the requirements for military construction. A joint team will be formed with civil engineering assistance to resolve these issues before presentation to the SECAF.

The BCEG then discussed various issues related to the report, BCEG participation in responding to congressional and Commission inquiries, and review of BCEG minutes. There being no further matters to discuss, the meeting was adjourned at 1220. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachment  
COBRA data

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

20 Jan

**BCEG CLOSE HOLD**

# **COBRA UPDATES**

**20 January 1995**

**BCEG CLOSE HOLD**

1 1/20/95 1:18 PM

ARCH



## BCEG CLOSE HOLD

# CRITERIA IV & V

	<u>1-TIME COST</u>	<u>20 YR NPV</u>	<u>STEADY STATE</u>	<u>ROI</u>	<u>PERS SAVINGS</u>
<b>Kelly</b>					
Current (1/20/95)	579	(274)	76	9	1245
Previous (1/04/95)	545	(341)	74	7	1201
<b>McClellan</b>					
Current (1/20/95)	573	(383)	86	8	1438
Previous (1/04/95)	559	(487)	89	6	1500
<b>Dual DEPOT Closure</b>					
Current* (1/20/95)	1196	(607)	161	9	2683
Previous (1/04/95)	1104	(828)	163	7	2701

\*Reflects an additional \$44M for MILCON resulting from dual closure.



# CRITERIA IV & V

	<u>1-TIME COST</u>	<u>20 YR NPV</u>	<u>STEADY STATE</u>	<u>ROI</u>	<u>PERS SAVINGS</u>
<b>Malmstrom</b>					
Current (1/20/95)	17	(52)	5	4	0
Previous (1/04/95)	17	(12)	2	10	0
<b>Rome to Hanscom</b>					
Current (1/20/95)	58	(104)	13	4	64
Previous (1/04/95)	64	(98)	12	5	64
<b>Rome to Ft Monmouth</b>					
Current (1/20/95)	46	(83)	9	4	28
Previous (1/04/95)	39	(89)	10	4	28
<b>ANG Springfield</b>					
Current* (1/20/95)	23	(36)	4	6	27
Previous (1/04/95)	18	(40)	4	5	27

\* reflects cost of ANG Comm unit moving with flying operations







**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

09 MAR 1995

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 25 January 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Mr. Mleziva, AF/BCWG  
Col Mayfield, AF/RTR  
Col Walters, AF/PE  
Mr. Heady, SAF/GCN  
Mr. Kelly, AF/DPP  
Maj Johnston, AF/XOFM

The meeting was called to order by Maj Gen Blume. Maj Johnston, AF/XOFM, presented another option for closure and force structure distribution of Ellsworth AFB, using the slides at Atch 1.

Mr. Mleziva, AF/BCWG, briefed an update on labs, using the slides at Atch 2. He briefed an additional option for a Rome Lab closure, splitting the move among Hanscom AFB and Ft Monmouth. For the proposed Brooks AFB move, AFCEE would move to Tyndall, in accordance with the functional manager's desires, to be collocated with other CE activities. A concern was raised with some additional available capacity at Wright-Patterson AFB, since it may be pockets of smaller capacity. The data was certified by the normal process, and AFMC/CE has validated the availability. The BCEG approved the proposed move's consistency with the Air Force process and recommended it be presented to the SECAF.

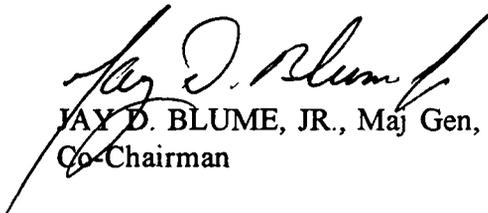
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

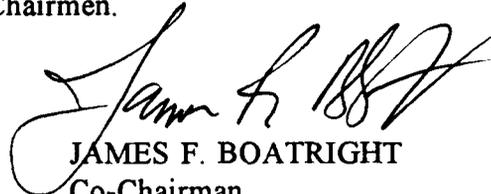
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

The possible locations for Human Systems work consolidation efforts were examined. No other Service location appeared to be able to consolidate the work done by all Services in this area.

Brig Gen Bradley presented additional options for the Bergstrom closure and force structure distribution, using the slides at Atch 3. Questions were raised as to the appropriateness of including the PCR's approval as an assumption. AFRES noted that the conversion of the Bergstrom unit was desired regardless of whether Bergstrom closed or not, with retention of the NAS Ft Worth (former Carswell AFB) in F-16s. The NAS Ft Worth unit is currently programmed to convert to KC-135 aircraft because of a reduction in F-16 AFRES aircraft, but this aircraft is poorly suited to the NAS Ft Worth operations due to airfield encroachment. This option will be presented to the SECAF at the next meeting.

There being no further matters to discuss, the meeting was adjourned at 1240. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. Ellsworth option
2. Lab update
3. Bergstrom option

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



BCEG CLOSE HOLD

**25 JANUARY 1995 BCEG BRIEF**

**LAB UPDATE**

BCEG CLOSE HOLD

1 1/25/95



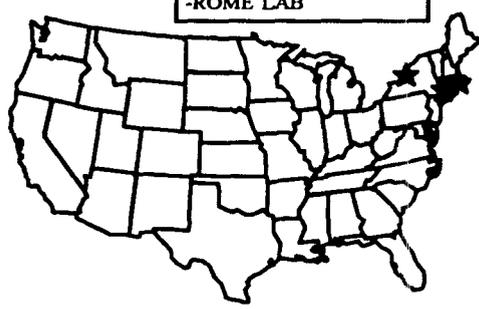
BCEG CLOSE HOLD

**25 JANUARY 1995 BCEG BRIEF**

**ROME LAB CLOSURE**

ROME LAB, ROME NY  
-ROME LAB

COST	ROI	RECURRING SAVINGS
56/(97)	4	12



HANSCOM/FT MONMOUTH  
4 DIRECTORATES  
1 TO FT MONMOUTH  
3 TO HANSCOM  
- PHILLIPS LAB(NON SPACE)

BCEG CLOSE HOLD

2 1/25/95

ATCH 2



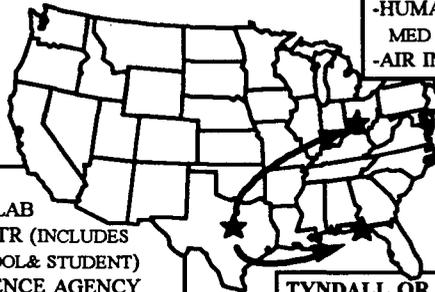
BCEG CLOSE HOLD

**25 JANUARY 1995 BCEG BRIEF**

**BROOKS CLOSURE**

COST	ROI	RECURRING SAVINGS
187/(131)	7	28

**WRIGHT-PATTERSON**  
 -ARMSTRONG LAB  
 -HUMAN SYS CTR (INCLUDES MEDICAL SCHOOL & STUDENT)  
 -AIR INTELLIGENCE AGENCY



**BROOKS**  
 -ARMSTRONG LAB  
 -HUMAN SYS CTR (INCLUDES MEDICAL SCHOOL & STUDENT)  
 -AIR INTELLIGENCE AGENCY  
 -AFCEE

**TYNDALL OR WRIGHT-PATTERSON + AFCEE**

BCEG CLOSE HOLD

3 1/25/95



BCEG CLOSE HOLD

**25 JANUARY 1995 BCEG BRIEF**

**BROOKS**

**CROSS SERVICING**

- |                           |      |                       |
|---------------------------|------|-----------------------|
| • SCHOOL AEROSPACE MED    | 200  | WPAFB, OHIO           |
| • HUMAN SYSTEM TECH       | 1151 | WPAFB, OHIO           |
| • MANPOWER TECH           | 25   | NPRDC - SAN DIEGO, CA |
| • PERSONNEL TECH          | 84   | WPAFB, OHIO           |
| • TRAINING TECH           | 77   | WPAFB, OHIO           |
| • AEROSPACE MEDICINE TECH | 8    | AFMRDA, WASH D.C      |
| • OCC HEALTH/EQ ANALYSIS  | 59   | TYNDALL AFB, FL       |
| • OCC/ENV MEDICINE        | 43   | WPAFB, OHIO           |
| • BIO ENV ENG             | 57   | WPAFB, OHIO           |
| • ARMY/NAVY DE TENANTS    | 40   | WPAFB, OHIO           |

NOTE: PERSONNEL NUMBERS ARE ESTIMATES

BCEG CLOSE HOLD

4 1/25/95



BCEG CLOSE HOLD

**TOTAL AVAILABILITY FOR BRAC 88/91/93/95  
(\$Ms) As of 30 Sep 94**

<u>COMMISSION</u>	<u>NO. OF BASES</u>	<u>AVAILABILITY</u>
BRAC 88	5	1,056.2
AVERAGE		211.2
BRAC 91	14	
1,053.8+547.1=1601.1		
AVERAGE		75.3
114.4		
BRAC 93	6	1,729.6
AVERAGE		288.3
BRAC 95	?	1,047.9
AVERAGE		n/a

BCEG CLOSE HOLD

6 12/15/94



BCEG CLOSE HOLD

**BRAC IV COST AND SAVINGS  
FOR ALL SERVICES (\$Ms)**

	<u>FY96</u>	<u>FY97</u>	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>	<u>FY01</u>	<u>TOTAL</u>
ARMY							
COST	182.0	298.0	293.0	0.0	0.0	0.0	773.0
SAVINGS	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>-729.0</u>	<u>-729.0</u>	<u>-729.0</u>	<u>-2,187.0</u>
NET	182.0	298.0	293.0	-729.0	-729.0	-729.0	-1,414.0
NAVY							
COST	9.0	391.0	61.0	427.0	189.0	63.0	1140.0
SAVINGS	<u>0.0</u>	<u>-391.0</u>	<u>-582.0</u>	<u>-656.0</u>	<u>-733.0</u>	<u>-733.0</u>	<u>-3095.0</u>
NET	9.0	0.0	-521.0	-229.0	-544.0	-670.0	-1,955.0
AIR FORCE							
COST	93.5	135.2	300.0	256.0	163.0	100.0	1,047.7
SAVINGS	<u>-25.0</u>	<u>-61.0</u>	<u>-82.0</u>	<u>-150.0</u>	<u>-250.0</u>	<u>-300.0</u>	<u>-868.0</u>
NET	68.5	74.2	218.0	106.0	-87.0	-200.0	179.7

BCEG CLOSE HOLD

6 12/15/94



BCEG CLOSE HOLD  
**FIRST TWO YEARS**

**BRAC**

**\$ MILLIONS**

up

	<u>FY 90</u>	<u>FY 91</u>	<u>TOTAL</u>
I	221.5	518.2	739.7
II	<u>FY 92</u>	<u>FY 93</u>	
	204.6	648.7	853.3
III	<u>FY 94</u>	<u>FY 95</u>	
	273.5	302.4	575.9
IV	<u>FY 96</u>	<u>FY 97</u>	
	93.5	135.2	228.7

BCEG CLOSE HOLD

7 12/15/94



BCEG CLOSE HOLD

**ONE-TIME COST**

**\$ MISSIONS**

	<u>NON-ENVIRONMENTAL</u>	<u>ENVIRONMENTAL</u>	<u>TOTAL</u>
DEPOT	606	300	906
LARGE AIRCRAFT I	204	80	284
LARGE AIRCRAFT II	282	80	362
AIR ED & TRAINING	30	50	80
SPACE	306	50	356
PROD CTR/LAB I	471	90	561
OTHER	134	N/A	134
TOTAL	2033	650	2683
AVERAGE	290	108	383

BCEG CLOSE HOLD

8 12/15/94



BCEG CLOSE HOLD

**Base Closure Executive Group**

**RECOMMENDATIONS**

-- SEEK LEGISLATIVE LANGUAGE TO TRANSFER DERA FUNDING TO BRAC

	FY93	FY94	FY95
DOD DERA*	<.1	1,962.3	2,180.2

-- IF AIR FORCE IS TO ACHIEVE ADEQUATE NUMBER OF BASE CLOSURES, NEED TO BRIEF OSD ON ADDITIONAL BUDGET REQUIREMENT

BCEG CLOSE HOLD

9 12/15/04



BCEG CLOSE HOLD

**Base Closure Executive Group**

**BASE REALIGNMENT & CLOSURE PROGRAMS (\$M)**

<u>CATEGORY</u>	<u>NO. OF BASES</u>	<u>AVAIL/CAT</u>	<u>AVE PER/CAT</u>
ADMIN	3	523.1	174.4
SMALL (TNG)	8	627.2	78.4
LARGE (B/F)	14	<u>2,689.2</u>	<u>192.1</u>
TOTAL	25	3,839.5	153.6

BCEG CLOSE HOLD

10 12/15/04





BCEG CLOSE HOLD

**Obligation Profile Environmental Only**

Commission	FY90	FY92	FY93	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01	Total
<b>BRAC 88 Part I</b>												
5 Bases												
OBL (Ann)	49.8	57.3	97.5	95.7	100.0							400.4
	0.0	183.5	132.5	37.7	0.0							353.7
<b>BRAC 91 Part II</b>												
14 Bases												
OBL (Ann)		2.5	113.7	130.6	311.1	233.4	133.1	31.3	29.6	20.3	29.6	1,035.2
		181.8	162.7	63.0	77.5	0.0	7.3					492.3
<b>BRAC 93 Part III</b>												
6 Bases												
OBL (Ann)				49.1	108.4	88.4	57.9	32.3	20.9	20.4	18.3	395.7
				86.4	107.4	78.8	41.9	35.8	19.2			369.5
<b>SubTotal</b>												
BRAC 91 & 93		2.5	113.7	179.7	419.5	321.8	191.0	63.6	50.5	40.7	47.9	1,430.9
OBL (Ann)		181.8	162.7	149.4	184.9	78.8	49.2	35.8	19.2			861.8
<b>GrandTotal</b>												
BRAC 88/91/93												
OBS (Ann)	49.8	59.8	211.3	275.4	519.5	321.8	191.0	63.6	50.5	40.7	47.9	1,831.3
	0.0	365.3	295.2	187.1	184.9	78.8	49.2	35.8	19.2			1,215.5

BCEG CLOSE HOLD

13 12/15/94



## AIR FORCE AFRES BRAC 95 ANALYSIS

# AFRES BRAC 95 OPTIONS

Major Richardson, AF/RTR  
Major Linsenmeyer, AF/REX

1  
Maj Richardson, AF/RTR, BARC130.PPT4, 12/16/84, 4:00 PM



## AIR FORCE AFRES BRAC 95 ANALYSIS

# OVERVIEW

- **Air Mobility Installations**
  - Westover, March, and Grissom
- **Fighter Installations**
  - Homestead Level Playing Field and Redirect
  - Bergstrom-Carswell Options
- **C-130 Tactical Airlift Installations**
  - Base-By-Base Review
  - Roll-Up Summary

2  
Maj Richardson, AF/RTR, BARC130.PPT4, 12/16/84, 4:00 PM



## AIR FORCE AFRES BRAC 95 ANALYSIS

### AIR MOBILITY- WESTOVER ARB

- AFRES 14 C-5As and Misc NG and Army Res Units
- Option 1: March Option 2: Dover Option 3: Wright-Pat
- Considerations
  - Core AFRES Installation
  - 4th Largest AFRES Location
- Recommendation: No BRAC Action

#### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$149M	- 190	396	7 Yrs	23.5

Maj Richardson, AF/RTR, BARC130.PPT4, 12/16/04, 4:00 PM

3



## AIR FORCE AFRES BRAC 95 ANALYSIS

### AIR MOBILITY- MARCH ARB

- 16 AFR C-141s and 17 ANG/AFR KC-135s
  - Realign 12 C-141s to Dobbins
  - Realign 4 C-141s to Andrews
  - Realign Dobbins C-130 to Maxwell to Make Room for C-141s
  - Realign 8 AFR KC-135Es to Edwards
  - Realign 9 ANG KC-135Rs to Channel Island
- Considerations
  - Core AFRES Installation
  - 2nd Largest AFRES Installation
  - Air Quality Issue
- Recommendation: No BRAC Action

#### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$190M	- 158.6	297	9 Yrs	23.9

<sup>1</sup> Does Not Include Recruiting and Training Cost

Maj Richardson, AF/RTR, BARC130.PPT4, 12/16/04, 4:00 PM

4



## AIR FORCE AFRES BRAC 95 ANALYSIS

### AIR MOBILITY- GRISSOM ARB

- 16 AFR KC-135s
  - Realign 8 KC-135Rs to MacDill
  - Realign 8 KC-135Rs to Seymour-Johnson
- Considerations
  - Core AFRES Installation
  - Middle of the Road For AFRES BOS Operating Cost
  - Excellent Recruiting Demographics
  - Limited Options for AFRES KC-135 Bed Down
- Recommendation: No BRAC Action

#### COBRA

ONETIME COST <sup>1</sup>	NPV	PERS SAVINGS	ROI	STEADY STATE
\$39.7M	-24.1	22	9 Yr	1.5

<sup>1</sup> Does Not Include \$8.4M in Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/15/04, 4:00 PM



## AIR FORCE AFRES BRAC 95 ANALYSIS

### HOMESTEAD ARB

- 15 F-16s, 5 HC-130s, and 8 HH-60Gs
  - Redirect F-16 to New Orleans
  - Redirect 301st RQS 5 HC-130 & 8 HH-60 to Remain at Patrick

#### COBRA -- Level Playing Field

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$7.8M	193.8	247	0 Yrs	12.5

- Considerations
    - Excellent Recruiting Demographics
    - Maintain Avon Park Ranges and ACMI Overwater Areas
    - Homestead's Contingency and Snow Bird Operations
  - Recommendation
    - Leave F-16s at Homestead
    - Redirect 301st to Remain at Patrick
- (Savings - Onetime \$17.9M and Annually \$1M)

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/15/04, 4:00 PM



## AIR FORCE AFRES BRAC 95 ANALYSIS

### BERGSTROM-CARSWELL

- Bergstrom 15 F-16s
- Carswell Converting 15 F-16s to 8 KC-135s
- Considerations
  - BRAC 91 & 93 Comparison Found Carswell Superior Location
  - Carswell Superior Operationally and Demographically
- Recommendation:
  - Close Bergstrom ARB
  - Cancel Carswell KC-135 Conversion/ Remain in F-16s
  - Realign Bergstrom Unit to MacDill In KC-135Rs
  - Realign HQ 10th AF to Carswell

#### COBRA

MacDill

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$33.8M	-84.5	0	2	7.0

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/16/04, 4:00 PM

7



## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES

- Previous BCEG Analysis of AFRES C-130
  - Level Playing Field COBRA and Computer Grading
  - Little Differentiation Found
  - Cost to Close and Savings about Equal for All Bases
- Base-By-Base Review
  - Force Structure Realignment Option
  - Operational and AFRES Considerations
  - COBRA Analysis
- Roll-Up With AFRES Recommendations

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/16/04, 4:00 PM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES DOBBINS ARB

- Realign 8 PAA to Maxwell and 22 AF to Westover
- Considerations
  - Core AFRES Installation
  - Best AFRES Recruiting Location
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Major Impact On NAS Atlanta Units, Doobins' GA NG, and AF Plant 6

COBRA

ONETIME COST <sup>1</sup>	NPV	PERS SAVINGS	ROI	STEADY STATE
\$26M	-188.8	278	2 Yr	15.4

<sup>1</sup> Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/16/94, 4:00 PM



## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES GEN MITCHELL ARB

- Realign 8 PAA to Doobins
- Considerations
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Loss of Presence in Wisconsin
  - + Minimum Impact On Remaining ANG Unit

COBRA

ONETIME COST <sup>1</sup>	NPV	PERS SAVINGS	ROI	STEADY STATE
\$13.3M	-192.3	248	1 Yr	16.1

<sup>1</sup> Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/16/94, 4:00 PM



### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES MINN-ST PAUL ARB

- Realign 8 PAA to Dobbins
- Considerations
  - Loss of Superior Recruiting Location (Two Major Airline Hubs)
  - Rated As One of Top Two C-130 Installations in Crit II
  - Impact on Remaining ANG Unit
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Only AFRES Presence in Minnesota

### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$14.5M	-205.6	242	1 Yr	15.7

† Does Not Include \$9M Recruiting and Training Cost



### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES NIAGARA ARB

- Realign 8 PAA to Dobbins
- Considerations
  - Integrated Operations with ANG
  - Impact on Remaining ANG Unit
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Only AFRES Presence in New York

### COBRA

ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
\$14.3M	-212.5	245	1 Yr	14.3

† Does Not Include \$9M Recruiting and Training Cost



## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES CHICAGO O'HARE ARB

- Realign 8 PAA to Rockford MAP
- Considerations
  - Rated As One of Top Two C-130 Installations in Crit I
  - Impact on Remaining ANG KC-135 Unit
  - + City of Chicago Desire for Facilities
  - + Superior Recruiting Location (2 Major Airline Hubs)
  - + Rockford Over Other Local Saves \$9M In Recruiting & Training
- Cost

Maj Richardson, AF/RTR, BARC130.PPT4, 1/6/95, 11:30 AM

13



## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES PITTSBURGH ARB (AFRES)

- Realign 8 PAA to Dobbins
- Considerations
  - Rated As One of Top Two C-130 Installations in Crit I
  - Loss of Great Recruiting Location (1 Major Airline Hub)
  - + Highest BOS of the Civ Joint Use Aflid C-130 Locations
  - + Complete Closure With No Impact on Pittsburgh ANGB
  - + Multiple AFRES/ANG C-130 Units W/in 3 Hr Drive

#### COBRA

ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
\$14.5M	-205.6	242	1 Yr	15.7

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTR, BARC130.PPT4, 1/6/95, 11:30 AM

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### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES WILLOW GROVE ARS (AFRES)

- Realign 8 PAA to Dobbins
- Considerations
  - Major Impact on Remaining ANG A-10 Unit
  - AFRES Building Willow Grove to 12 PAA
  - Loss of Great Recruiting Location (3-4 Major Airline Hub)
  - + Several AFRES/ANG Units W/in 3 Hr Drive

### COBRA

ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
\$13.4M	-165.1	242	1 Yr	12.8

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTT, BARC130.PPTA, 12/16/84, 4:30 PM

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### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES YOUNGSTOWN ARB (AFRES)

- Realign 8 PAA to Dobbins
- Considerations
  - Cheapest BOS of the C-130 Installations
  - Congressional Plus Up To 16 PAA and C-130 Regional Maintenance
  - + No Other Collocated Guard or Reserve Units at Youngstown
  - + Multiple AFRES/ANG Units W/in 3 Hr Drive

### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$13.6M	- 174	275	1 Yr	13.4

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTT, BARC130.PPTA, 12/16/84, 4:30 PM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### REVIEW OF C-130 OPTIONS

	ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE	REMARKS
Dobbins	\$26M	- 189	278	2 Yr	15.4	Core Base
Gen Mitchell	\$13.3M	- 192	248	1 Yr	16.1	
Pittsburgh	14.5	- 206	242	1 Yr	15.7	Highest Bos \$
Minn-St Paul	14.5	- 206	2242	1 Yr	15.7	ANG Plus Up
Niagara	14.3	- 213	245	1 Yr	14.3	ANG Plus Up
O'Hare	14.9	- 228	284	1 Yr	17.3	ANG Plus Up
Willow Grove	13.4	- 165	242	1 Yr	12.8	ANG Plus Up
Youngstown	13.6	- 174	275	1 Yr	13.4	Low BOS \$

! Does Not Include Recruiting and Training Cost

Maj Richardson, AF/RT, BARC130.PPT4, 12/16/94, 4:00 PM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### RECOMMENDATION

- Closure of Bergstrom, Redirect Conversion of Carswell, and Basing of AFRES KC-135s at MacDill
- Redirect Homestead 301st ARS to Remain at Patrick
- Closure of An AFRES C-130 Location

Maj Richardson, AF/RT, BARC130.PPT4, 12/16/94, 4:00 PM

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Lab & Product Center  
**DECISION BRIEFING**  
(BCEG)

Mleziva  
15 Dec 94

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Purpose

- LJCSG Analysis
  - Approve RL, Rome Decision Data
  - Approve AL, Mesa Decision Data
- AF Tier II/III Bases
  - Review SMC Analysis Status
  - Review PL Analysis Status
  - Approve Brooks AFB Decision Data

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ATCH 4

**Rome Lab COBRA Costs**  
(FY 96\$ M)

	<u>Prior</u>	<u>Current</u>	<u>Delta</u>
Construction*			
Mission:	95	40	55
MFH:	0	0	0
Moving	31	31	0
Personnel Costs:	3	3	0
Overhead	1	1	0
Other	2	2	0
<b>Total:</b>	<b>133</b>	<b>78</b>	<b>55</b>

\* Assume Geographically Constrained Detachments (e.g. Antenna Ranges) Do Not Move

**Sources of Difference**  
**MILCON**

**Prior: \$95M**

**Current: \$40M**

**Assumption: Rebuild Rome**

New construction  
Provide Admin Space for all personnel  
No Efficiency Reduction  
No BOS/Design Cost

**Assumption: Accomodate Rome**

Modify existing structures  
Use SCIF and Admin Space for personnel  
20% Space Efficiency Reduction (standard)  
Add BOS/Design Cost

**Validation**

AF/CEP validated using different methodology  
Less than 5% difference in estimate

## Sources of Difference Recurring Costs

**Prior: \$7.2M/yr**

**Current: \$11.9M/yr**

**Data Source**

Data Conflict

- ACC Data

- AFMC Data

**Data Source**

Updated Program Plan

Historical Actuals

**Validation**

AF/CEP validated

COBRA-internally consistent

## Criteria IV & V

Rome Lab, NY to Hanscom AFB, MA

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$K)</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
Rome Lab (prior)	133	111	1	100+	5
Rome Lab (current)	78	(15)	8*	11	26

\*Details being confirmed

**Criteria IV & V**  
 Armstrong Lab, Mesa, AZ

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$K)</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To Orlando	19.1	15	0.5	100+	2
To Luke AFB	18.5	(28)	3.8	4	2
To Brooks AFB	19.1	(-26)	3.7	4	2

Considerations:

- BRAC '91 Orlando Move Decision
- BRAC '93 NAWC Orlando Closure Decision
- Aircrew Research Subjects Availability
- AF OL at Orlando for Joint Matters

**Criteria IV & V**  
 SMC, Los Angeles, CA

	<u>1-Time</u> <u>Cost</u>	<u>20 YR</u> <u>NPV</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To McClellan/Hill	XX	YY	ZZ	AA	BB
To Kirtland*	450	(142)	50	10	325
To Peterson AFB			TBD		
+PL to Peterson AFB			TBD		

Considerations:

- MILCON Assumes New Construction at Destination
- Includes FFRDC Costs
- Includes Expensive Equipment (~\$125M) Move Costs
- Kirtland Not Viable -- Air Quality

\*Previously Presented to BCEG

## Criteria IV & V

Philips Lab, Kirtland AFB, NM

	<u>1-Time</u> <u>Cost</u>	<u>20 YR</u> <u>NPV</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To McClellan/Hill*	448	(469)	81	6	1492
To Peterson AFB			TBD		
+SMC to Peterson AFB			TBD		

**Considerations:**

- Quality of Kirtland Facilities
- MILCON Assumes Modified Construction at Destination
- Includes Very Expensive Equipment (~\$1.3B) Move Costs

\*Previously Presented to BCEG

## Criteria IV & V

Brooks AFB, TX

	<u>1-Time</u> <u>Cost</u>	<u>20 YR</u> <u>NPV</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To Wright-Patterson AFB*	246	(78)	28	10	438

**Considerations:**

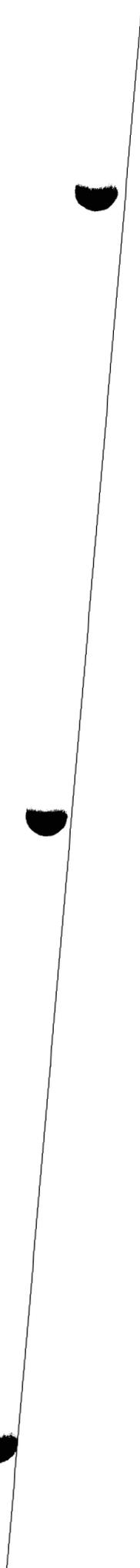
- MILCON Assumes New Construction at WPAFB
- One Time Unique Cost Assumption Being Reviewed

\* Previously Presented To BCEG

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DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

20 FEB 1995

**MEMORANDUM FOR RECORD**

FROM: SAF/MII

SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 0830 hours on 19 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Maj Gen Heflebower, AF/PE  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Lt Col London, AF/TER  
Maj Piper, AFMC/XP

The meeting was called to order by Maj Gen Blume. He described the work of a newly-appointed Tiger Team. This team will examine the cost and savings figures under COBRA for some of the previous analyses to refine the figures used in those analyses. The purpose of this review is to have as current and accurate a financial analysis as possible of unique BRAC actions (potential lab closures, only flying operations or missile operations terminated, etc.).

On December 16, 1994, the SECAF was briefed on the directed Large Aircraft studies. There was some question on the costs and savings for the Grand Forks and Malmstrom options. More study on these figures was directed. After this briefing, more study was directed on the

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Ellsworth option (not including moving the Dyess C-130s), Grand Forks and Malmstrom realignments, and a potential Minot closure.

Satellite Control bases were also examined. The tiering was accepted, and analysis of an Onizuka closure was directed. There was concern over national assets at Onizuka and the costs associated with continued support for those missions. Two options were to be examined; one that would move all Air Force missions and all long-term national missions but continue those national missions that are scheduled to phase out, and one which moved all national missions.

After the review of the meeting with the SECAF, Mr. Mleziva, AF/BCWG, presented an overview of the Lab presentation to be given to the SECAF at her next meeting with the BCEG, including the revisions from the previous review by the BCEG, using the slides at Atch 1. The review included new figures for Rome Lab, New York, and the Armstrong Lab at Mesa, Arizona. The Rome Lab figures use the most current personnel and MILCON data available. Personnel savings include a four percent consolidation savings and other standard personnel COBRA assumptions. The Armstrong Lab analysis assumes that costs to operate at Orlando in a stand alone configuration are the same as currently incurred in a stand alone status at Mesa. The BCEG noted that no personnel savings should result from the move to Orlando.

Lt Col London, AF/TER, presented the Air Force T&E analysis, using the slides at Atch 2. The two-part briefing consisted of an intra-Air Force view of realignments and possible Air Force joint alternative proposals. The BCEG requested these be split into two separate briefings to emphasize the different processes involved in each. The consolidation efforts within the Air Force will attempt to further consolidate T&E activities. Although Air Vehicle and Armament and Weapons testing are largely consolidated already, Electronic Combat is capable of further consolidation; however, two sites will be required to support Electronic Combat testing even after the proposed consolidation.

The UTTR is proposed to be transferred to Air Combat Command as a training range. All T&E personnel and infrastructure will be removed and consolidated at Eglin AFB and Edwards AFB. The range is currently used predominantly for training, and removal of the permanent test control activities would result in manpower and cost savings. Testing requiring a large impact footprint will continue to be accomplished at UTTR using portable equipment on an as-needed basis. Both REDCAP and AFEWES can be consolidated due to low workloads. The BCEG requested that the three electronic combat activities be broken out into three separate COBRA analyses.

Lt Col London then addressed three possible alternatives which address activities viewed as core by the JCSG-TE. Mr. Boatright noted that these proposals need to be made by the functional manager to the SECAF, and that the BCEG could only address whether the alternatives were consistent with the BCEG analysis. The BCEG did note that these alternatives need to highlight budget, personnel, and air quality issues as concerns. The BCEG approved the intra-Air Force moves for consideration by the SECAF, and approved the other alternatives as consistent with the Air Force analysis.

Maj Richardson, AF/RTR, briefed AFRES recommendations, using the slides at Atch 3. He noted that the cost estimates had been reviewed by AF/CE and the BCWG. Some corrections were made in that review and have been incorporated into the information briefed. Mr. Boatright

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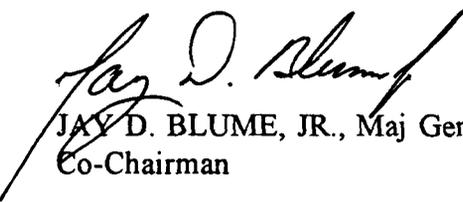
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stated that the two most important factors supporting the closure of Pittsburgh ARB are the high BOS cost and the potential to absorb existing AFRES personnel in other units in the area. Despite the high rating in Criterion I, these factors are important to AFRES. Brig Gen Bradley noted that a less expensive option may exist for this move by adding four aircraft at Peterson and Dobbins. AFRES will review this option.

Maj Piper, HQ AFMC/XP, briefed the background for a redirect of the 21st Space Systems Squadron from Lowry AFB to Peterson AFB, using the slides at Atch 4. Since the Commission's previous direction, establishment of the major space and warning systems software support activity at Peterson AFB has created an opportunity to consolidate software support at that base that would result in personnel and cost savings. The BCEG approved the proposal as consistent with the BCEG analysis, and recommended it be briefed to the SECAF with complete COBRA information.

There being no further matters to discuss, the meeting was adjourned at 1100. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS: Squadron size and number of units White Paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. Lab Briefing
2. T&E Briefing
3. AFRES Briefing
4. 21st SSS Redirect

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Lab & Product Center  
**DECISION BRIEFING**  
**(BCEG)**

Mleziva  
19 Dec 94

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Purpose

- LJCSG Analysis
  - Approve RL, Rome Decision Data
  - Approve AL, Mesa Decision Data
- AF Tier II/III Bases
  - Analysis In Progress

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ATCH /

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## Criteria IV & V

Rome Lab, NY

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$K)</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
to Hanscom AFB	79	(75)	12	5	64

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## Criteria IV & V

Armstrong Lab, Mesa, AZ

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$K)</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To Orlando	29.2	24448	0*	Never	2
To Luke AFB	28.6	9730	1.4	29	2
To Brooks AFB	29.2	11970	1.3	35	2

Considerations:

- BRAC '91 Orlando Move Decision
- BRAC '93 NAWC Orlando Closure Decision
- Aircrew Research Subjects Availability
- AF OL at Orlando for Joint Matters

\* Assumes Orlando Identical to Mesa

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# Air Force T&E Analysis Decision Brief

19 Dec 94

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## Purpose

- Intra-AF Realignments
  - AFFTC/UTTR (Hill AFB UT)
  - REDCAP (Buffalo NY), AFEWES (Ft Worth TX) and AFDTC/EMTE (Eglin AFB FL)
- Additional Cross-Servicing Alternatives
  - AF Offers to Navy

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ATCH 2

## Capacity and Capability Analysis Capability Assessment

T&E Function	AFFTC Edwards	AFFTC UTTR	AFDTC Eglin	AFDTC Holloman	475 WEG Tyndall	AEDC Arnold	REDCAP Buffalo	AFEWES Ft Worth
Air Vehicle	F		P	P	P	P		
Armaments/ Weapons		P	F	P	P	P		
Electronic Combat	P		P	P			P	P

<p>F = Full Capability to Support All Six Test Facility Categories of the Acquisition/Test Process</p> <p>P = Partial Capability</p> <p>P = Intra-AF Realignment/Consolidation Opportunities</p>
--

## AF Realignments & Consolidations Intra-AF Candidates

- Air Vehicle
  - None
- Armaments/Weapons
  - AFFTC (UTTR) Capabilities
- Electronic Combat
  - REDCAP (Buffalo) and AFEWES (Ft Worth) Hardware-in-the-Loop Facilities/Workload
  - AFDTC/EMTE (Eglin) Open-Air-Range Facilities/Workload
    - AFFTC (Edwards) Open-Air-Range Workload

## Armament/Weapons Realignment AFFTC (UTTR)

- Realign UTTR from AFMC T&E Range to ACC Training Range
  - Retain Minimum Capability to Support Training Requirements and Large Footprint Weapons T&E (e.g., Cruise Missile), Particularly
    - Critical Air/Land Space
    - Mobile T&E Instrumentation/Support
  - Transfer Workload to AFDTC (Eglin) and AFFTC (Edwards)
  - Downsize Personnel to Satisfy New Requirements
  - Dispose of Remaining Equipment/Instrumentation
- Rationale
  - 82% of Current Missions are Training (Only 18% T&E)
  - Most of Current T&E Can Be Accomplished With Existing Core T&E Capabilities (AFDTC and AFFTC)
  - Requirement to Retain Air/Land Space

## AFFTC (UTTR) Realignment COBRA Analysis

Construction	
Mission	0
MFH	0
Moving	0.6
Personnel Costs	(26.4)
Overhead	(0.4)
Mission	(38.2)
Other	2.1
<b>Total:</b>	<b>(62.4)</b>

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**Criteria IV & V**  
**AFFTC (UTTR) Realignment**

<b><u>1-Time</u></b> <b><u>Cost</u></b>	<b><u>20 YR</u></b> <b><u>NPV</u></b>	<b><u>Steady</u></b> <b><u>State</u></b>	<b><u>ROI</u></b>	<b><u>Pers</u></b> <b><u>Savings</u></b>
\$3.2M	(\$179.9M)	\$12.4M	0 yrs	104

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**Electronic Combat (EC) Realignment**  
**REDCAP/AFEWES/AFDTC (EMTE)**

- **Realign REDCAP & AFEWES Hardware-In-The-Loop (HITL) Facilities and AFDTC/EMTE Open-Air-Range (OAR)**
  - Move Workload and Required Equipment from REDCAP and AFEWES to AFFTC/BAF (Edwards) and AFDTC/GWEP (Eglin) Facilities
  - Move Required Threat Systems from AFDTC/EMTE (Eglin) to Nellis Complex
  - Disestablish REDCAP, AFEWES, and Dispose of Remaining Equipment
  - Retain Emitter-only Threat Simulators at AFDTC (Eglin) to Support AFSOC, AWC, and AFMC Armaments/Weapons T&E and Training
- **Rationale**
  -

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REDCAP/AFEWES/AFDTC (EMTE)  
Realignment  
COBRA Analysis

Construction	
Mission	0
MFH	0
Moving	9.6
Personnel Costs	.4
Overhead	.4
Mission	(13.2)
Other	0
<b>Total:</b>	<b>(2.8)</b>

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Criteria IV & V  
REDCAP/AFEWES/AFDTC (EMTE) Realignment

<u>1-Time</u> <u>Cost</u>	<u>20 YR</u> <u>NPV</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
\$9.8M	(\$45.0M)	\$4.3M	3 yrs	0

() = Savings

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## Additional Cross-Servicing Alternatives Other Candidates (Under Appropriate Conditions)

- Air Vehicles
  - Consolidate NAWC (Pax River) High Performance, Fixed-Wing Open-Air Range T&E with AFFTC (Edwards) Core T&E Capability
- Armaments/Weapons
  - Consolidate NAWC (Pt Mugu) and NAWC (China Lake) Air-to-Air /Air-to-Surface Open-Air Range T&E with AFDTC (Eglin) Core T&E Capability
- Electronic Combat
  - Consolidate NAWC (China Lake) Electronic Combat Open-Air Range T&E with AFDTC (Eglin) Core T&E Capability

## Air Force Proposed Alternative (Air Vehicles)

- AFTE-1: Move Navy High Performance Fixed-Wing Open Air Range (OAR) Workload to AFFTC, Edwards AFB, CA
  - Increased Utilization of AF Core Air Vehicle T&E Capability
  - CONOPS Similar to Army's AQTID as a Tenant
  - Navy Retain Carrier Suitability and Maritime Peculiar Testing
- Rationale
  - AFFTC Scored Highest Functional Value of Air Vehicle T&E
  - Capability and Available Capacity to Absorb Workload
  - Ramp and Hanger Space Can Accommodate Navy Aircraft
  - Shared Range Assets and Test Support Aircraft

Activity	Functional Value	Capacity	Workload	Available Capacity
AFFTC - Edwards	85	11998	7583	4415
NAWC- Pax River	81	12246	7661*	4585

\* Approximately 50% is High Performance Fixed-Wing (3830 Test Hours)

## Air Force Proposed Alternative (Armament/Weapons)

- AFTE-2: Move NAWC China Lake and NAWC Pt Mugu Air-to-Air and Air-to-Surface Open Air Range (OAR) workload to AFDTC Eglin AFB FL
  - Increased Utilization of Air Force core Armament/Weapons T&E OAR capability
  - CONOPS Similar to Army's AQTID as a Tenant
- Rationale
  - AFDTC scored highest functional value for Armament/Weapons T&E
  - Available capability, capacity, and infrastructure to absorb workload
  - Reduces number of DoD Armament/Weapons OAR's from 4 to 2
  - Provides one OAR for land and sea vice two separate OAR's
  - Preserves Topographical and Climatological Diversity

Activity	Functional Value	Capacity	Workload	Available Capacity
AFFTC Eglin	82	16,036	7,598	8,438
NAWC China Lake	57	3,986	2,169	1,817
NAWC Pt Mugu	77	11,609	4,068	7,541

## Air Force Proposed Alternative (Electronic Combat)

- AFTE-3: Move NAWC China Lake, CA Electronic Combat (EC) Open Air Range (OAR) Workload and Threat Systems to AFDTC Eglin AFB, FL
  - Increased Utilization of AF Core Electronic Combat T&E OAR Capability
  - Move Eleven Sea Based Threats from China Lake to Eglin and Combine with Land-Based Threats
  - Maximum Utilization of Nellis Complex (1st Priority)
- Rationale
  - AFDTC Scored Highest Functional Value for EC T&E
  - Available Capacity and Basic Infrastructure to Absorb Workload
  - Provides realistic Littoral Environment (vs Desert)
  - Reduces Number of DoD OARs from 3 to 2

Activity	Functional Value	Capacity	Workload *	Available Capacity
AFDTC Eglin	65	1978	963	1079
NAWC-China Lake	47	1821	0	1076

\* After Max Utilization of Nellis Complex

## Summary

- Approve Intra-AF Realignment
  - AFFTC (UTTR)
  - REDCAP/AFEWES/AFDTC (EMTE)
- Approve Release of AF Offers to Navy
  - Capability & Capacity Fit
  - Reduces DoD Excess Capacity
  - Leverages AF Core T&E Capabilities
  - Under Appropriate Conditions (i.e., TOA & End Strength Considerations)



**AIR FORCE AFRES BRAC 95 ANALYSIS**

**AFRES BRAC 95  
RECOMMENDATIONS**

Major Richardson, AF/RTR  
Major Linsenmeyer, AF/REX

Major Richardson, AF/RTR, BARC130.PPT4, 12/22/94, 10:10 AM

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**AIR FORCE AFRES BRAC 95 ANALYSIS**

**COSTING REVIEW**

- C-5 Estimates Into March, Dover, and Wright Patterson
- Add'l C-130 Estimates Into Maxwell and Dobbins
- Add'l KC-135 Estimate Into Seymour-Johnson

Major Richardson, AF/RTR, BARC130.PPT4, 12/22/94, 10:10 AM

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### AIR FORCE AFRES BRAC 95 ANALYSIS

## AIR MOBILITY- GRISSOM ARB

- 16 AFR KC-135s
  - Realign 8 KC-135Rs to Edwards
  - Realign 8 KC-135Rs to Seymour-Johnson
- Considerations
  - Middle of the Road For AFRES BOS Operating Cost
  - Excellent Recruiting Demographics
  - Limited Options for AFRES KC-135 Bed Down

### COBRA

	ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
Original	\$39.7M	- 24	22	9 Yrs	3.7
Current	\$80.6M	- 161	305	5 Yrs	16.9

Maj Richardson, AF/RTT, BARC130.PPT4, 12/22/94, 10:10 AM

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### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES PITTSBURGH ARB (AFRES)

- Realign 8 PAA to Dobbins
- Considerations
  - Loss of Great Recruiting Location (1 Major Airline Hub)
  - Rated As One of Top Two C-130 Installations in Crit I
  - + Highest BOS of the Civ Joint Use Aflid C-130 Locations
  - + Clean Kill With No Impact on Pittsburgh ANGB
  - + Multiple AFRES/ANG C-130 Units W/in 3 Hr Drive

### COBRA

	ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
	\$9.5M	- 224	242	1 Yr	16.7

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTT, BARC130.PPT4, 12/22/94, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### AFRES BRAC 95 RECOMMENDATION

- Closure of Bergstrom, Redirect Conversion of Carswell, and Basing of AFRES KC-135s at MacDill
- Redirect Homestead 301st ARS to Remain at Patrick
- Closure of Pittsburgh ARB



## AIR FORCE AFRES BRAC 95 ANALYSIS

### AFRES BOS COST COMPARISON

LOCATION	AIRFIELD OPERATOR	COLLOCATED UNITS	BOS	COST
BERGSTROM	AFR	CIV (?)	286	\$20.89M
CARSWELL	NAVY	AFR / ANG	260	17.1
DOBBINS	AFR	ANG / AD / NAVY	363	24.73
GEN MITCHELL	CIV	AFR / ANG / AR	278	18.32
GRISSOM	AFR	AFR	383	20.27
HOMESTEAD	AFR	CIV (?)	334	26.57
MARCH	AFR	ANG / AFR	383	30.1
MINN-ST PAUL	CIV	NAVY / ANG / AFR	216	13.96
NIAGARA	CIV	AFR / ANG / NG	256	20.04
O'HARE	CIV	AFR / ANG	259	16.52
PITTSBURGH	CIV	AFR	243	22.23
WESTOVER	AFR	NG	397	36.1
WILLOW GROVE	NAVY	AFR / ANG / AR	144	9.41
YOUNGSTOWN	CIV	AFR	175	10.43

Maj Richardson, AF/RTT, BARC130.PPT4, 13/22/94, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### CONSIDERATIONS FOR AFRES RECOMMENDATION

- **Pros**
  - + Cost And Manpower Savings
  - + Reduces AFRES BOS Cost
- **Cons**
  - Small Financial Pay Back for Non-Financial Impact
  - Lowers AFRES Presence in Civilian Community
    - » Reduces Recruiting & Volunteer Pool
  - All Bases Are In Good Recruiting and Training Locations
    - » Impact On Joint Training With Regional Guard and DOD Res Units
- **Key Factors**
  - Force Structure Addressed Programatically
  - Greatest Savings for Least Amount of Pain
  - Reassignment of Displaced Reservists

Maj Richardson, AF/RTT, BARC130.PPT4, 13/22/94, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### AIR MOBILITY- WESTOVER ARB

- AFRES 14 C-5As and Misc NG and Army Res Units
- Option 1: March Option 2: Dover Option 3: Wright-Pat
- Considerations
  - 4th Largest AFRES Location
  - Lack of C-5 Excess Capacity

#### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$149M	- 190	396	7 Yrs	23.5

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/04, 10:10 AM



## AIR FORCE AFRES BRAC 95 ANALYSIS

### AIR MOBILITY- MARCH ARB

- 16 AFR C-141s and 17 ANG/AFR KC-135s
  - Realign 12 C-141s to Dobbins
  - Realign 4 C-141s to Andrews
  - Realign Dobbins C-130 to Maxwell to Make Room for C-141s
  - Realign 8 AFR KC-135Es to Edwards
  - Realign 9 ANG KC-135Rs to Channel Island
- Considerations
  - Air Hub For USMC 1st MEF
  - Lack of C-141 Excess Capacity
  - 2nd Largest AFRES Installation
  - Air Quality Issue

#### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$184M	- 212	297	7 Yrs	27.4

<sup>1</sup> Does Not Include Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/04, 10:10 AM



## AIR FORCE AFRES BRAC 95 ANALYSIS

### HOMESTEAD ARB

- 15 F-16s, 5 HC-130s, and 8 HH-60Gs
  - Redirect F-16 to New Orleans
  - Redirect 301st RQS 5 HC-130 & 8 HH-60 to Remain at Patrick

#### COBRA – Level Playing Field

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$7.8M	- 193.8	247	0 Yrs	12.5

- Considerations
    - Excellent Recruiting Demographics
    - Maintain Avon Park Ranges and ACMI Overwater Areas
    - Homestead's Contingency and Snow Bird Operations
  - Recommendation
    - Leave F-16s at Homestead
    - Redirect 301st to Remain at Patrick
- (Savings - Onetime \$17.9M and Annually \$1M)

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/94, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### BERGSTROM-CARSWELL

- Bergstrom 15 F-16s
- Carswell Converting 15 F-16s to 8 KC-135s
- Considerations
  - BRAC 91 & 93 Comparison Found Carswell Superior Location
  - Carswell Superior Operationally and Demographically
- Recommendation:
  - Close Bergstrom ARB
  - Cancel Carswell KC-135 Conversion/ Remain in F-16s
  - Realign Bergstrom Unit to MacDill In KC-135Rs
  - Realign HQ 10th AF to Carswell

#### COBRA

	ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
MacDill Host	\$40.2M	- 41	0	5 Yrs	4.3
MacDill Tenant	\$38.2M	- 270	263	1 Yr	20.4

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/94, 10:10 AM

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### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES DOBBINS ARB

- Realign 8 PAA to Maxwell and 22 AF to Westover
- Considerations
  - Best AFRES Recruiting Location
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Major Impact On NAS Atlanta Units, Dobbins' GA NG, and AF Plant 6

### COBRA

ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
\$23.2M	- 194	278	2 Yr	15.7

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 132284, 10:10 AM

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### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES GEN MITCHELL ARB

- Realign 8 PAA to Dobbins
- Considerations
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Loss of Presence in Wisconsin
  - + Minimum Impact On Remaining ANG Unit

### COBRA

ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
\$8.6M	- 208	248	0 Yr	15.2

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 132284, 10:10 AM

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### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES MINN-ST PAUL ARB

- Realign 8 PAA to Dobbins
- Considerations
  - Loss of Superior Recruiting Location (Two Major Airline Hubs)
  - Rated As One of Top Two C-130 Installations in Crit II
  - Impact on Remaining ANG Unit
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Only AFRES Presence in Minnesota

### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$9.7M	- 235	242	1 Yr	17.6

1 Does Not Include \$9M Recruiting and Training Cost



### AIR FORCE AFRES BRAC 95 ANALYSIS

## C-130 BASES NIAGARA ARB

- Realign 8 PAA to Dobbins
- Considerations
  - Integrated Operations with ANG
  - Impact on Remaining ANG Unit
  - Limited Alternative Assignments For Impacted Drill Reservists
  - Only AFRES Presence in New York

### COBRA

ONETIME COST 1	NPV	PERS SAVINGS	ROI	STEADY STATE
\$9.7M	- 235	245	0 Yr	16.9

1 Does Not Include \$9M Recruiting and Training Cost



## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES CHICAGO O'HARE ARB

- Realign 8 PAA to Rockford MAP
- Considerations
  - Rated As One of Top Two C-130 Installations in Crit I
  - Impact on Remaining ANG KC-135 Unit
  - + City of Chicago Desire for Facilities
  - + Superior Recruiting Location (2 Major Airline Hubs)
  - + Rockford Over Other Local Saves \$9M In Recruiting & Training
- Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/04, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES WILLOW GROVE ARS (AFRES)

- Realign 8 PAA to Dobbins
- Considerations
  - Major Impact on Remaining ANG A-10 Unit
  - AFRES Building Willow Grove to 12 PAA
  - Loss of Great Recruiting Location (3-4 Major Airline Hub)
  - + Several AFRES/ANG Units W/in 3 Hr Drive

#### COBRA

ONETIME COST †	NPV	PERS SAVINGS	ROI	STEADY STATE
\$8.5M	- 184	242	1 Yr	13.8

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/04, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### C-130 BASES YOUNGSTOWN ARB (AFRES)

- **Realign 8 PAA to Dobbins**
- **Considerations**
  - Cheapest BOS of the C-130 Installations
  - Congressional Plus Up To 16 PAA and C-130 Regional Maintenance
  - + No Other Collocated Guard or Reserve Units at Youngstown
  - + Multiple AFRES/ANG Units W/in 3 Hr Drive

#### COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$8.7M	- 188	275	1 Yr	14.1

† Does Not Include \$9M Recruiting and Training Cost

Maj Richardson, AF/RTX, BARC130.PPT4, 12/22/04, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### MARCH ARB AIR QUALITY ISSUE

- **Reconsideration of No Additional Units Into March ARB**
  - Precedent Against Non-BRAC Basing of Force Structure At March
  - Non-Level Treatment of Air Quality Issue
- **Leading Edge of How AF Will Deal With Air Quality**
  - Air Force Position in Air Staff Coordination (AF/XO Initiative)
  - Driven by Federal not State Law
  - Precedent For How the Air Force Deals With Air Quality Issue
- **AFRES Taking the Lead At March**
  - Forced to Work With Community to Realign March AFB to an ARB
  - Technology Solutions And/Or Regulatory Redefinition
- **Air Credits Sufficient for Near Future**
  - KC-10 Realignment Air Credits
  - Additional Commercial Air Credits Available

Maj Richardson, AF/RTX, BARC130.PPT4, 12/22/04, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### VOLUNTEERISM AND TOTAL FORCE

- **Key to AFRES and ANG Support of Peacetime Ops**
  - DoD Initiative To Increase Peacetime Role
  - Airlift and Tanker Peacetime Mission Support Operations
    - » C-130 – Bosnia, Somalia, Rwanda, and SOUTHCOM Rotations
    - » Airlift/Tankers – Somalia, Recent Iraq Incident, Daily Airlift Ops
- **Contingent on Level of Employer Support**
  - Limits to The Amount of Employer Support
  - Impact on Retention and Volunteerism of Individual Reservist
    - » Family Vs. Civilian Career Vs. Military Career
- **Bottom Line -- Consolidation Onto a Few Large Locations May Lead to Reduced Employer Tolerance of Reserve Volunteerism; Thus AFRES Contribution to Peacetime Operations.**

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/04, 10:10 AM

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## AIR FORCE AFRES BRAC 95 ANALYSIS

### REVIEW OF C-130 OPTIONS

	ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE	REMARKS
Dobbins	\$23.2M	- 194	278	2 Yr	15.7	Collocated Ops
Gen Mitchell	8.6	- 208	248	0 Yr	15.2	
Pittsburgh	9.5	- 224	242	1 Yr	16.7	Highest Bos \$
Minn-St Paul	9.8	- 235	242	1 Yr	17.6	ANG Plus Up
Niagara	9.7	- 235	245	0 Yr	16.9	ANG Plus Up
O'Hare	10	- 248	284	1 Yr	18.5	ANG Plus Up
Willow Grove	8.5	- 184	242	1 Yr	13.8	ANG Plus Up
Youngstown	8.7	- 188	275	1 Yr	14.1	Low BOS \$

† Does Not Include \$9M In Recruiting and Training Cost

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/04, 10:10 AM

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**AIR FORCE AFRES BRAC 95 ANALYSIS**

**C-130 LEVEL PLAYING FIELD  
COBRA**

	ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE	REMARKS
Dobbins	\$20.1M	- 110	145	3 Yr	9.5	Afid Plus Up
Gen Mitchell	13.0	- 124	143	1	9.8	
Pittsburgh	13.8	- 137	110	1	10.8	
Minn-St Paul	13.7	- 119	84	2	9.5	ANG Plus Up
Niagara	13.7	- 115	81	1	9.0	ANG Plus Up
O'Hare	14.2	- 152	142	1	12.0	ANG Plus Up
Willow Grove	12.3	- 60	56	3	5.2	ANG Plus Up
Youngstown	13.1	- 107	143	2	8.6	

**Assumption:** Units Realigned to NAS New Orleans

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/84, 10:10 AM

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**AIR FORCE AFRES BRAC 95 ANALYSIS**

**AFRES C-130 GROUPING  
OVERALL ROLL-UP**

CRIT I	CRIT II	CRIT III	CRIT IV/V	CRIT VII	CRIT VIII
PITTS	MINN-ST	DOBBINS	WILLOW	DOBBINS	DOBBINS
O'HARE	O'HARE	MITCHEL	DOBBINS	MITCHELL	MITCHELL
DOBBINS	DOBBINS	PITTS	MINN-ST	PITTS	PITTS
MITCHELL	NIAGARA	NIAGARA	YOUNG	MINN-ST	O'HARE
MINN-ST	YOUNG	O'HARE	NIAGARA	NIAGARA	WILLOW
NIAGARA	PITTS	WILLOW	MITCHELL	O'HARE	YOUNG
WILLOW	MITCHEL	MINN-ST	PITTS	WILLOW	MINN-ST
YOUNG	WILLOW	YOUNG	O'HARE	YOUNG	NIAGARA

Maj Richardson, AF/RTTR, BARC130.PPT4, 12/22/84, 10:10 AM

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**MOVEMENT OF  
21st SPACE SYSTEM SQUADRON  
FROM LOWRY AFB, CO  
TO  
PETERSON AFB, CO  
PROPOSED BRAC '91 "REVISIT"**



**BACKGROUND**

- BRAC 91 DIRECTED CLOSURE OF LOWRY AFB WITH THE FOLLOWING UNITS REMAINING IN A CANTONMENT AREA
  - 1001st SPACE SYSTEM SQUADRON (REDESIGNATED 21st SPACE SYSTEM SQUADRON)
  - DEFENSE FINANCE AND ACCOUNTING SERVICE
  - AIR FORCE RESERVE PERSONNEL CENTER
- 21 SSYS WAS INACTIVATED IN OCT 93
- THE MISSION AND PERSONNEL TRANSFERRED TO AFMC FROM SPACECOM AND REDESIGNATED DET 3/SMC
- PHASE I OF CENTRALIZED INTEGRATION SUPPORT FACILITY WAS COMPLETED IN NOV 93
- SPACE SYSTEM SUPPORT GROUP (SSSG) BECAME OPERATIONAL ON 14 OCT 94
  - DET 3/SMC REALIGNED TO DET 1/SSSG



## AFMC INITIATIVE

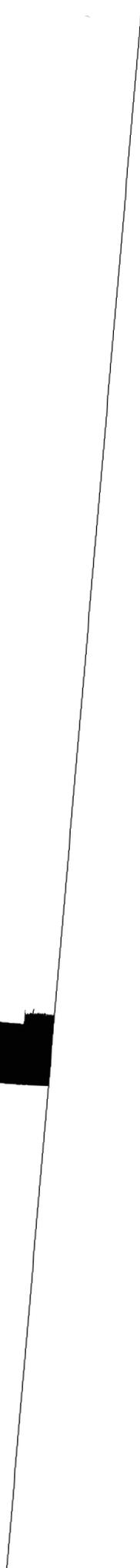
- **AFMC WANTS TO CONSOLIDATE DEFENSE SUPPORT PROGRAM LIFE CYCLE SOFTWARE SUPPORT UNDER THE MANAGEMENT OF THE SSSG AT A CENTRALIZED INTEGRATED SUPPORT FACILITY AT PETERSON AFB**
  - **SAVE \$2.3M/YEAR ON DUPLICATED COMPUTER SYSTEMS AND CONTRACTOR FACILITIES**
  - **SAVE \$7M/YEAR IN REDUCED OVERHEAD AND MANPOWER COSTS**
  - **SAVE \$1M/YEAR IN ANNUAL OPERATING COSTS**
  - **BENEFIT OF SYNERGISM**
- **UPON COMPLETION OF MOVES NET OCT 96, TOTAL MANPOWER SAVINGS WILL BE AT LEAST:**
  - **GOVERNMENT - 48**
  - **CONTRACTOR - 15**

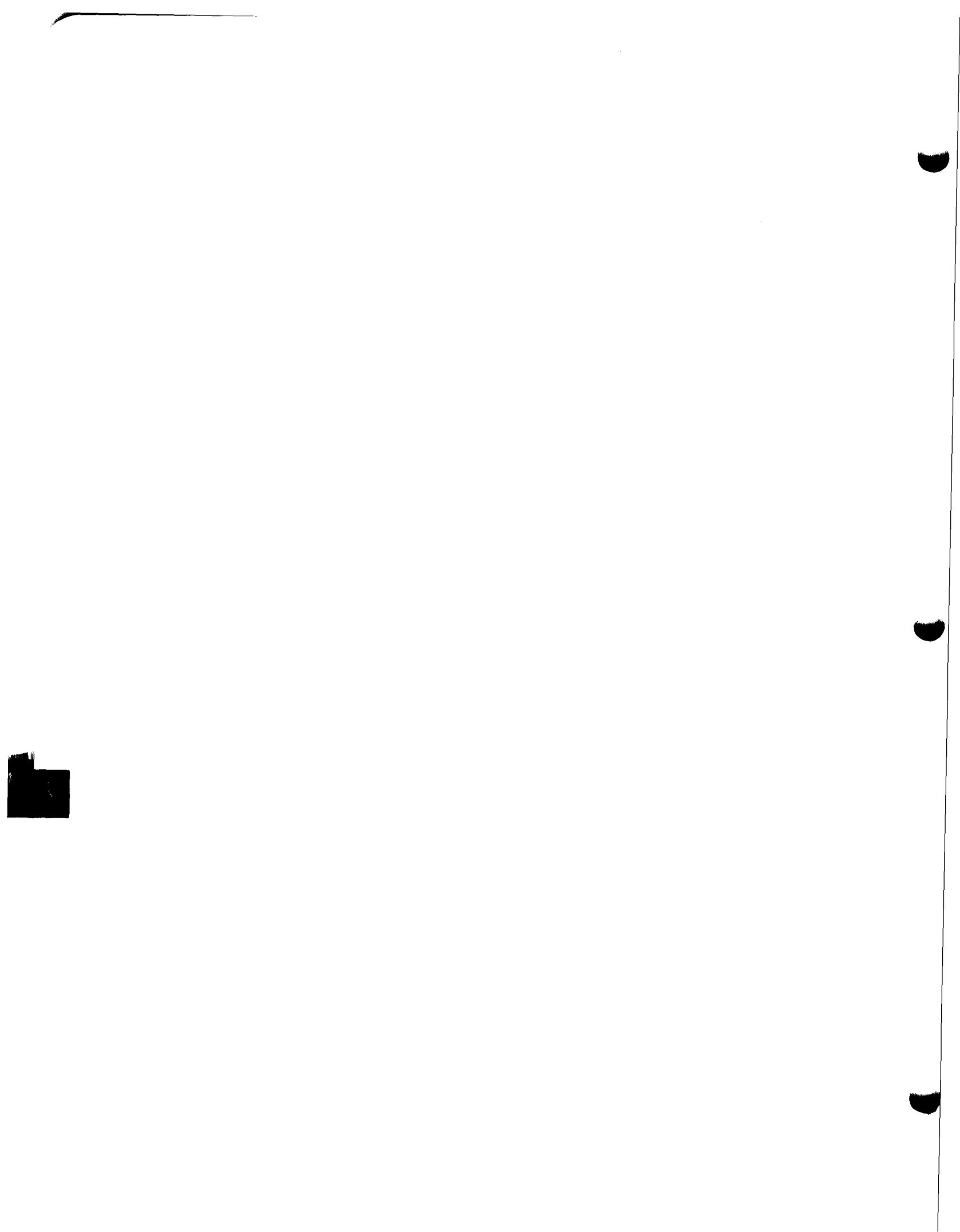


## RECOMMENDATIONS

- **AIR FORCE RECOMMENDS THAT THE BRAC '95 COMMISSION "REVISIT" THE BRAC '91 DECISION TO CANTON DET 1/SSSG (FORMERLY 21 SSYS AND DET 3/SMC) AT THE FORMER LOWRY AFB**
- **AIR FORCE SUPPORT THE AFMC POSITION THAT MOVEMENT OF DET 1/SSSG TO PETERSON AFB IS A MORE EFFECTIVE AND LESS COSTLY ALTERNATIVE**







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DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

20 FEB 1995

FROM: SAF/MII

SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting

The AF/BCEG meeting was convened by Maj Gen Blume, AF/RT, at 1100 hours on 21 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Kimmel, NGB  
Mr. Kelly, AF/DPP  
Lt Col Rodefer, AF/XOFC  
Lt Col Phillips, SAF/FMC

The meeting was called to order by Maj Gen Blume. He asked SAF/MIQ and AF/CE to work on refining the analysis of air quality concerns that would prevent beddowns. AF/CE noted that a consolidated list of active and reserve moves would be needed so that they could be sure that the analysis included all options.

On December 19, 1994, the SECAF was briefed on lab activities. Costs and savings for the Rome Lab move were examined, since the JCSG had recommended this closure. The reexamination of costs revealed significant reductions in costs and increases in savings from the Air Force level playing field COBRA analysis. The SECAF directed that the move of the Rome Lab to Hanscom AFB be reexamined considering space that would be available from reduction of the Geophysics Lab at Hanscom, with the exception of the AFSPC support activities. Also she directed that an alternative consolidation of Rome Lab activities to Ft Monmouth be

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examined. For the Mesa Lab activity, the SECAF requested a move to Wright-Patterson and Eglin be examined.

The SECAF was then briefed on T&E activities. The UTTR, REDCAP, AFEWES, and EMTE Eglin actions were viewed as favorable intra-Air Force options. Other proposed moves were then examined but were withheld for the time being.

The ANG then briefed potential actions. When considering the Moffett move to Beale, an option of leaving the McClellan AFRES unit of KC-135s was discussed. These are scheduled to move to Beale, but could remain at McClellan. Closure of Kingsley Field was not favored by the ANG, but kept as an option. Movement of Roslyn GSU, Ontario GSU, and North Highlands were viewed as favorable options for further consideration. A redirect of the 21 Space Systems Squadron was also examined, moving the unit from the former Lowry AFB to Peterson AFB. It was noted that this reflected a change in operational requirements from the earlier Commission, and was a cheaper option.

On December 20, 1994, the SECAF was briefed on AFRES issues. Redirecting the 301st RQS to remain at Patrick AFB was deemed to be practical. The closure of Pittsburgh ARB was also attractive, but the base fared well in Criterion I. However, costs and the ability of other units to absorb the personnel make it an attractive closure candidate.

After comparing various aspects to the Grissom and Bergstrom closures, the best option seemed to be to move the unit out of Bergstrom, move the Bergstrom F-16s to NAS Ft Worth (former Carswell AFB), move the KC-135 aircraft which had been designated to replace the NAS Ft Worth F-16s, from NAS Ft Worth to MacDill AFB, and retain Grissom. The SECAF indicated the following actions seemed best at this point:

Close Bergstrom, move aircraft to NAS Ft Worth, move KC-135 aircraft to MacDill  
Redirect 301 RQS to remain at Patrick  
Close Pittsburgh ARB

The SECAF also noted that retaining the AFRES unit at McClellan vice moving to Beale would bear more study on costs and savings.

The SECAF was then briefed on Depots from an Air Force only perspective. The airfield was proposed to be retained at Kelly, either to be controlled by Lackland or, preferably, by the AFRES with eventual conversion to a civil airport with the ARC units remaining as tenants. Kelly housing units were proposed to be transferred to Lackland and retained for use by military personnel in the San Antonio area. AFRES C-5s and ANG F-16s would remain, as would AFIA. This was agreed to be the best option should Kelly be recommended for closure. A dual closure of Kelly and McClellan, as one of the recommended alternatives of the JCSG, remains to be costed and evaluated.

Options for Onizuka AFB were considered. It appears that moving the Air Force and national missions that can be relocated, and retaining support for the national assets that must remain, is the best option. COBRA analysis has not yet been completed.

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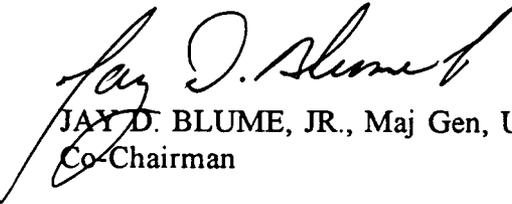
Financial aspects of closures from previous commissions were then discussed with implications for financial requirements in 1995. A legislative change to allow DERA funding of environmental restoration at closure and realignment bases was discussed.

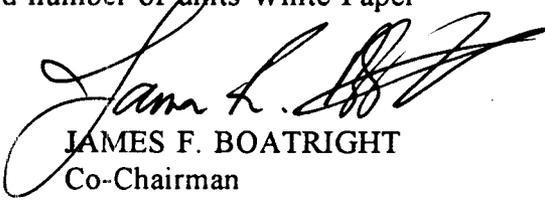
Following the summary of the meetings with the SECAF, Lt Col Rodefer, AF/XOFC, briefed changes to force structure since the interim force structure was issued, using the slides at Atch 1. The BCEG noted that some force structure changes would require reexamination of costs, such as the potential loss of F-111 airframe work at the depots. The force structure will continue to be examined to determine whether changes in evaluation are necessary.

Lt Col Phillips, SAF/FMC, briefed the Grand Forks missile field only and Malmstrom airfield only closures, as requested by the SECAF, using the slide at Atch 2. The figures on Grand Forks result from the fact that missile field drawdown is currently programmed in the budget, including costs of closure and personnel savings. As a result, there are no BRAC cognizable costs or savings from closing the Grand Forks missile field, if that decision were made. The BCEG voted to approve both sets of figures.

There being no further matters to discuss, the meeting was adjourned at 1220. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS: Squadron size and number of units White Paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. Force Structure
2. COBRA data

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**BCEG CLOSE HOLD**

## **BRAC 95 FORCE STRUCTURE BASELINE BRIEFING**

**LT COLONEL KARL RODEFER, XOFC  
MAJOR RICH JOHNSTON, XOFM**

**BCEG CLOSE HOLD**

1 12/22/94



**BCEG CLOSE HOLD**

## **BRAC 95 FORCE STRUCTURE BASELINE MAJOR CHANGES SINCE INTERIM FORCE STRUCTURE PLAN**

- **COMMANDO VISION INITIATIVE**
- **F-111F RETIREMENT ACCELERATED TO FY 96**
- **F-4G/RF-4C RETIREMENTS ACCELERATED TO FY 96**
- **EF-111A RETIRES IN FY 96**
- **ICBM FORCE STRUCTURE SOLIDIFIED 450-500 MISSILES**
- **BOMBER BUYBACK**
  - **B-52Hs FROZEN @ 56 PAA/66 TAI THROUGH FYDP**
  - **B-1Bs BOUGHT BACK IN FYs 00/01 TO 82 PAA/94 TAI**

**BCEG CLOSE HOLD**

2 12/22/94

**SLIDES REMOVED**

**CLASSIFIED MATERIAL  
CONTAINED IN CLASSIFIED  
ANNEX TO BCEG MINUTES**



### BCEG CLOSE HOLD

#### BRAC 95 FORCE STRUCTURE BASELINE CURRENT FORCE STRUCTURE UNCERTAINTIES

- COMMANDO VISION BEDDOWN
- GAF TORNADO BEDDOWN
- B-52H PROGRAMMED SQUADRON DEACTIVATION SITE
- C-17/NDAA BUY/BEDDOWN – C-17 DAB NOV 95

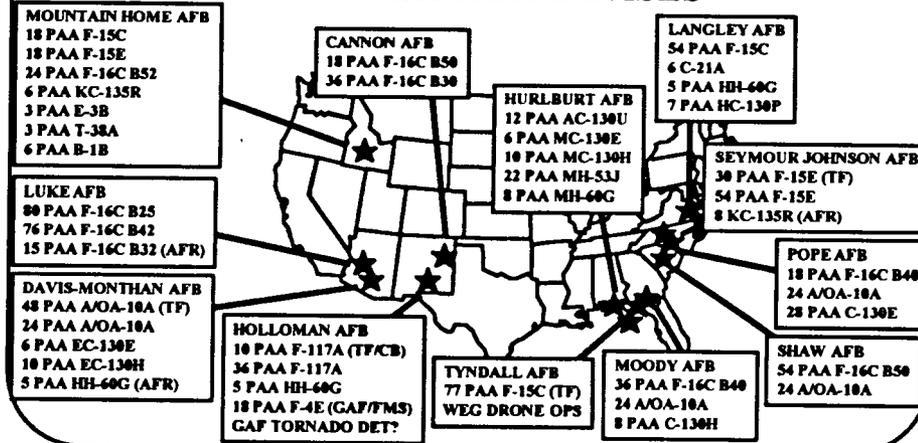
### BCEG CLOSE HOLD

3 12/22/04



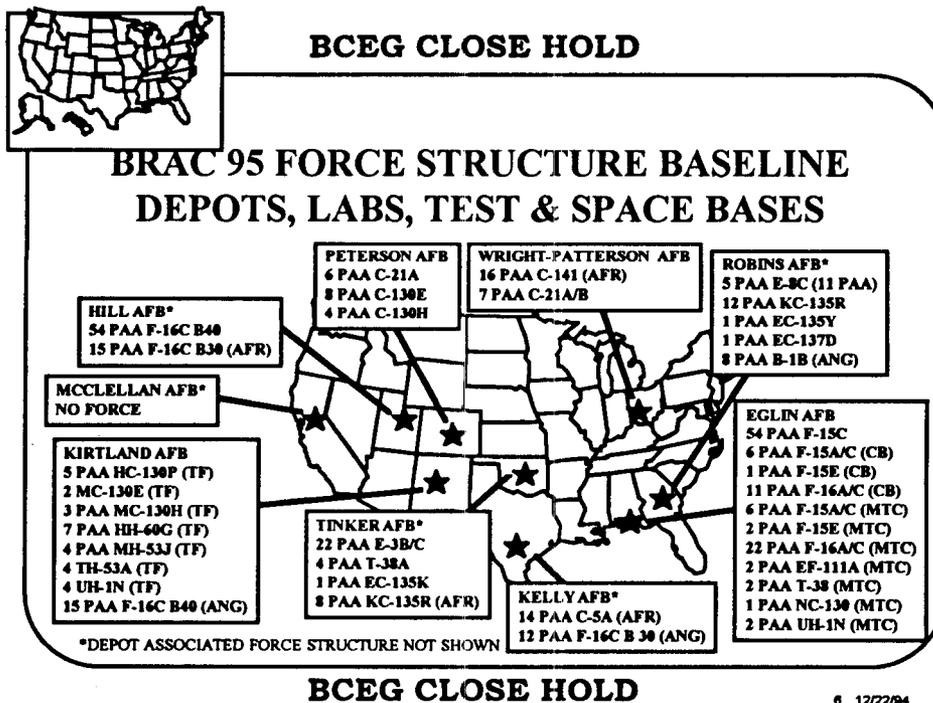
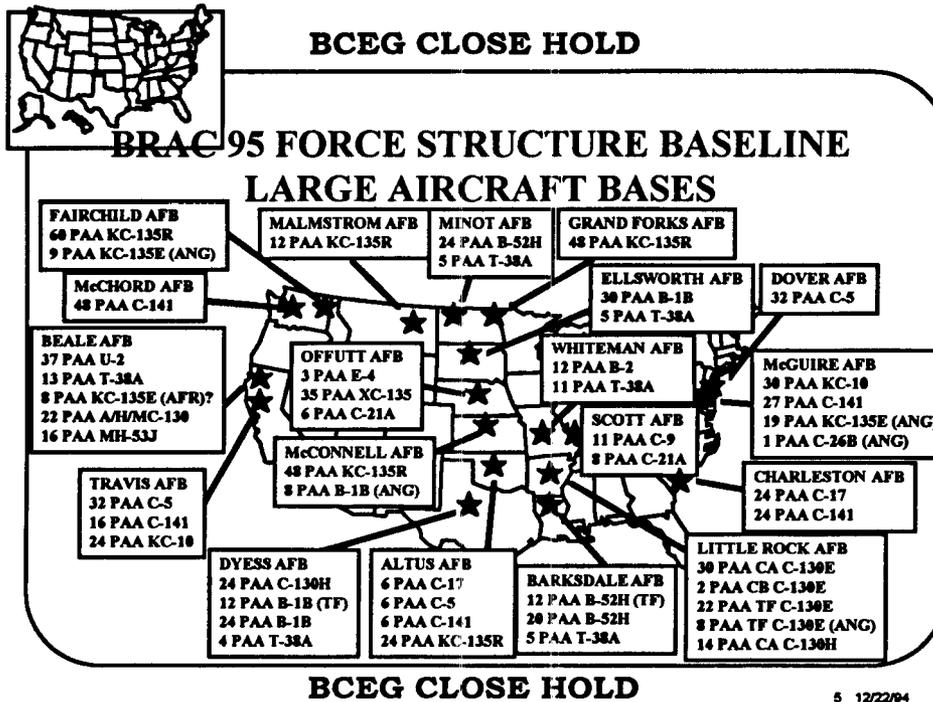
### BCEG CLOSE HOLD

#### BRAC 95 FORCE STRUCTURE BASELINE SMALL AIRCRAFT BASES



### BCEG CLOSE HOLD

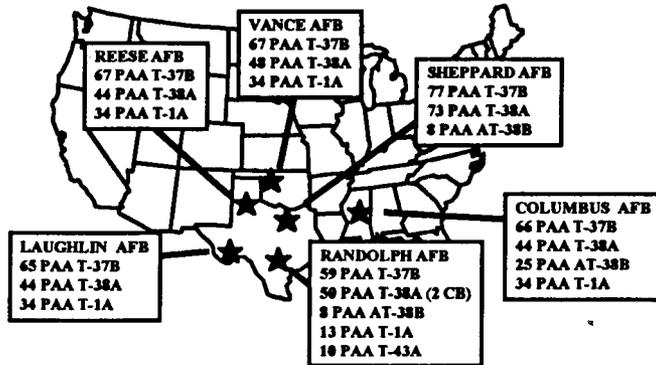
4 12/22/04





**BCEG CLOSE HOLD**

**BRAC 95 FORCE STRUCTURE BASELINE  
UNDERGRADUATE FLYING TRAINING BASES**



**BCEG CLOSE HOLD**

7 12/22/94



**BCEG CLOSE HOLD**

**RECOMMENDATION:**

**NONE, FOR BCEG INFORMATION ONLY**

**BCEG CLOSE HOLD**

8 12/22/94



## BCEG CLOSE HOLD

# CRITERIA IV & V

	<u>1-TIME COST</u>	<u>20 YR NPV</u>	<u>STEADY STATE</u>	<u>ROI</u>	<u>PERS SAVINGS</u>
<b>GRAND FORKS</b> Close Missile Field Only	0	0	0	N/A	0
<b>MALMSTROM</b> Close Airfield Only	16	(59)	5	3	140

**BCEG CLOSE HOLD**



Base Name	I	II	III	IV	V	VI	VII	VIII
Falcon AFB	Yellow +	Green -	Red +	575/ 660	Never	4,722 (2.5%)	Yellow +	Yellow +
Onizuka AFB	Yellow +	Yellow -	Red +	291/-82	10	4,082 (0.5%)*	Yellow +	Yellow +

AT&T 2



## BCEG CLOSE HOLD

### Receiver Bases in Nonattainment Area for Candidate Closures

Gaining Base	BCEG Action (Aircraft & Personnel Realignment)	Conformity Analysis Required	Emissions Above 1990 Baseline	Status
Beale AFB	Add 12 B-52 Aircraft with 1184 Personnel * KC135E are On-Station	YES	70 NO <sub>x</sub> 119 VOC	Y
Beale AFB	Add 12 B-52 Aircraft with 1184 Personnel * KC135E Convert to KC135R	YES	88 NO <sub>x</sub> 0 VOC	Y
Beale AFB	Add 12 B-52H Aircraft with 1184 Personnel * Minus 8 KC135E	YES	26 NO <sub>x</sub> 0 VOC	G
McClellan AFB	8 KC135E Remain in Place	NO	N/A	G
Hill AFB	Add 8 KC-135E Aircraft with 570 Personnel	YES	0 NO <sub>x</sub> 0 VOC	G
Edwards AFB	Add 8 KC-135E Aircraft with 570 Personnel	YES	153 NO <sub>x</sub> 0 VOC	R

McChord AFB	Add 12 B-52H Aircraft with 1184 Personnel	YES	114 NO <sub>x</sub> 369 VOC 1328 CO	R
Beale AFB	Add AFSOC * KC135E are On-Station	YES	70 NO <sub>x</sub> 0 VOC	Y
Dover AFB	Add 14 C-5A Aircraft with 958 Personnel	YES	180 NO <sub>x</sub> 82 VOC	R
MacDill AFB	Add 24 KC-135R Aircraft with 1413+ Personnel	YES	0 NO <sub>x</sub> 0 VOC	G
Kirtland AFB	Add 635 Personnel (Scott)	YES	180 CO	Y
Hanscom AFB	Add 869 Personnel (Rome)	NO	N/A	G
Hill AFB	Add 1172 Personnel (Kirtland)	NO	N/A	G
Hill AFB	Add 3353 Personnel * LAAFB and Kirtland	NO	N/A	G

G= Green (BCEG Emissions are Less Than or Equal to 1990 Baseline)

Y= Yellow (BCEG Emissions are Within Reasonable Range of the 1990 Baseline)

R= Red (BCEG Emissions are Significantly Greater Than 1990 Baseline)

## BCEG CLOSE HOLD

### Receiver Bases in Nonattainment Area for Candidate Closure

Gaining Base	BCEG Action (Aircraft & Personnel Realignment)	Conformity Analysis Required	Emissions Above 1990 Baseline	Status
March AFB	Add 8 KC-135E Aircraft with 570 Personnel	YES	193 VOC 403 CO	R
March AFB	Add 8 KC-135E Aircraft with 570 Personnel Add 14 C-5 Aircraft with 958 Personnel	YES	264 VOC 817 CO	R

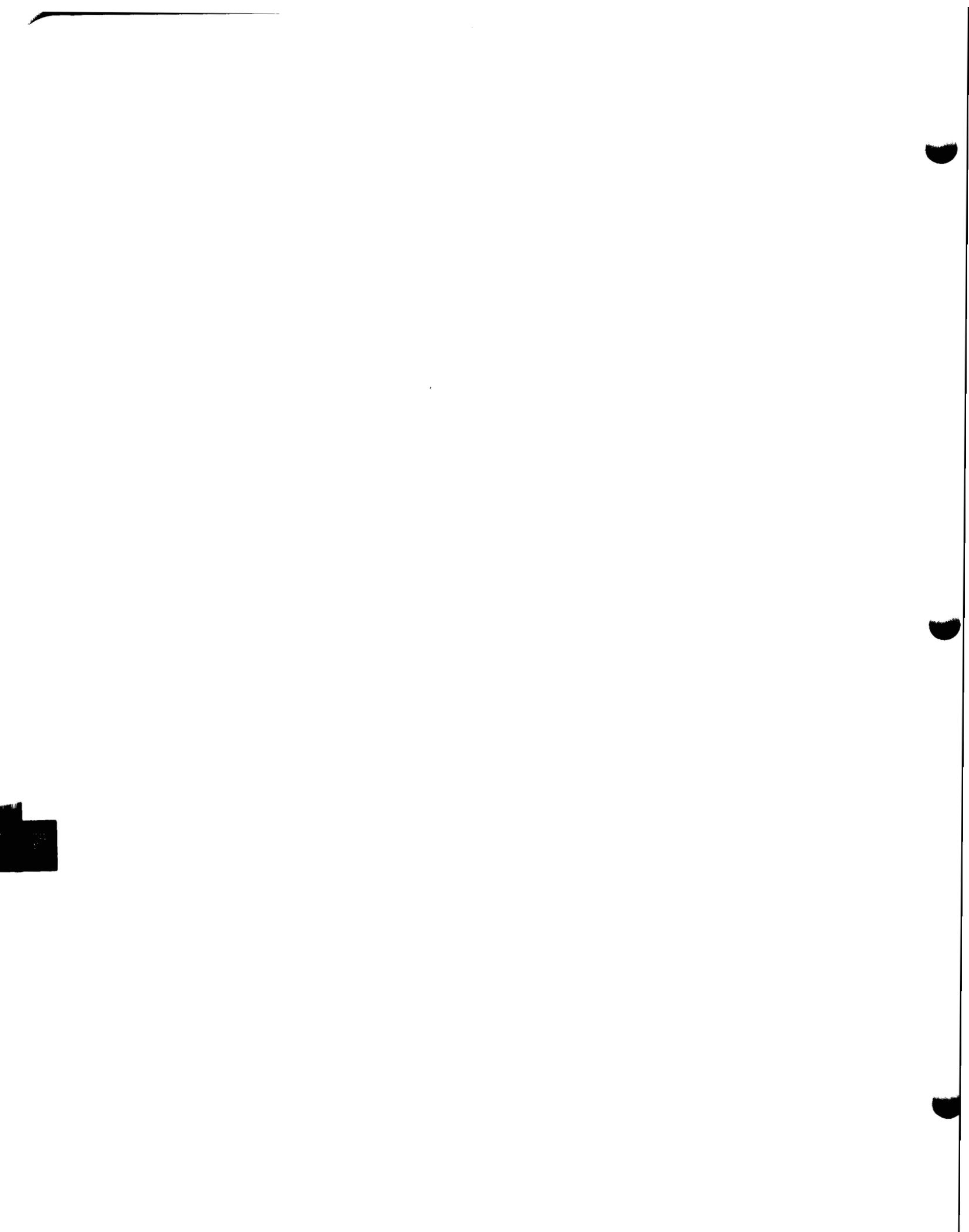
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## BCEG CLOSE HOLD





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DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

9 JAN 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 13 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Walters, AF/PE  
Col Pease, AF/XOOA  
Col Renton, SAF/MII  
Lt Col Black, AF/RTR  
Lt Col Kring, NGB  
Mr. Reinertson, AF/CEP  
Maj Richardson, AF/RTR  
CMSgt Dumez, AF/SGM

The meeting was called to order by Mr. Boatright. He discussed the problems associated with meeting the January 3, 1995, deadline imposed by OSD for preliminary candidates for closure or realignment.

CMSgt Dumez, AF/SGM, presented the alternatives developed by the Medical JCSG, using the slides at Atch 1. There was great concern that the alternatives were developed prematurely, since any decisions should reflect the BRAC 95 basing changes. In addition, the

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## CLOSE HOLD - BCEG/BCEG STAFF ONLY

BCEG noted the risk associated with making these types of decision under BRAC, in that they could not be altered later with changed circumstances absent congressional action. After reviewing the briefing, the BCEG agreed with the expressed concerns, and approved briefing the SECAF on the alternatives.

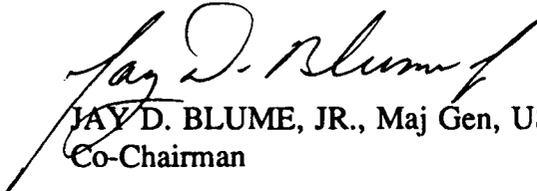
Col Renton, SAF/MII, presented a proposal to reexamine the BRAC 93 decision to retain the airfield at the former Griffiss AFB, using the slides at Atch 2. The Griffiss airfield was to be maintained on an as needed, on call basis, to serve the needs of the Army at Ft Drum. Because of the costs associated with maintaining the field by contract, an option was presented to alter the existing airfield at Ft Drum and close the Griffiss airfield. Although there would be an immediate MILCON expense, reduced costs in future years makes this a reasonable action. After examining the proposal, the BCEG directed the BCWG to examine the costs and confer with the Army on the advisability of pursuing this redirect.

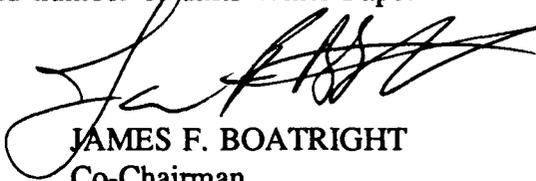
Lt Col Black, AF/RTR, presented changed data on the Circuit Cost subelement of the Criterion I analysis for Satellite Control bases, using the slides at Atch 3. After reviewing the data, the BCEG determined this subelement did not provide a meaningful measure, and deleted the subelement. The deletion did not change the Criterion I rating, as the BCEG had determined before voting on tiers, so no reexamination of tiering was necessary.

Lt Col Kring, NGB, presented an overview of potential ANG closure and realignment actions, using the slides at Atch 4. In the briefing, he identified the closure and realignment actions and the NGB recommendation for installations above the BRAC threshold, and also discussed other actions examined to determine opportunities. After reviewing the briefing, the BCEG agreed to present these matters to the SECAF.

There being no further matters to discuss, the meeting was adjourned at 1300. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS: Squadron size and number of units White Paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

### Attachments

1. MTF JCSG
2. Redirect Proposal
3. Space Subelement
4. ANG Briefing

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**Base Closure Executive Group**

# **JOINT CROSS-SERVICE GROUP FOR MTFs AND GME**

MEDICAL JCSG

BCEG CLOSE HOLD

1 12/15/04



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**Base Closure Executive Group**

# **MEDICAL JCSG**

- GROUP MEMBERSHIP
- GOAL - REDUCE MEDICAL INFRASTRUCTURE
- METHODOLOGY
- RESULTS/RECOMMENDATIONS

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2 12/15/04



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**Base Closure Executive Group**

## **MEDICAL JCSG**

- **GROUP MEMBERSHIP**
  - **CHAIRMAN - Dr (Adm) Edward Martin, OASD(HA)**
  - **SERVICES REPRESENTATIVES**
  - **PA&E**
  - **JCS/J-4 (MEDICAL)**
  - **COMPTROLLER**
  - **DASD/ECONOMIC REINVEST & BRAC**
  - **DoD IG**

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3 12/15/04



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**Base Closure Executive Group**

## **MEDICAL JCSG**

- **GOAL**
  - **Determine if DoD medical infrastructure for inpatient capacity exceeds requirement**
  - **Provide candidates for realignment or closure**

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## **MEDICAL JCSG**

- **METHODOLOGY**
  - **Categorized MTFs**
    - Medical Centers
    - Community Hospitals
    - Clinics
  - **Functional Value**
    - Patient Population
    - Civilian Medical Resources
    - MTF Physical Plant
    - Contingency Factors
    - Civilian Cost Comparison

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## **MEDICAL JCSG**

- **METHODOLOGY Continued**
  - Data Collected, Validated by SG, and Checked by Service Audit Agencies and DoD IG
  - **Linear Programming Model Used**
    - Reduce excessive capacity
    - Maintain average functional value system-wide
    - Maintain expanded beds to meet Service wartime and DoD peacetime requirements

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## **MEDICAL JCSG**

- RESULTS
- Based on Current Force Size
  - Excess capacity (operating beds) identified
  - 16 medical candidates for realignment or closure
    - 6 Army
    - 2 Navy
    - 8 AF
      - 2 Medical Centers
      - 6 Hospitals
      - No Complete Closures

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## **MEDICAL JCSG**

- AF Candidates
  - Reese - Demonstration Test Now
  - Shaw - Readiness issue
  - Langley - Readiness issue
  - USAF Academy - Cadet Mission
  - Sheppard - Question Cost-Effectiveness
  - Scott - Question Cost-Effectiveness
  - Wright-Patterson - Question Cost-Effectiveness
  - Lackland - Significant issues

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## **MEDICAL JCSG**

- **Concerns**
  - Write medical realignment into law?
  - Real savings under BRAC?
  - Impact to mission, morale?
  - Flaws in the model

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## **MEDICAL JCSG**

- **Recommendation**
  - Support any site if AF closure candidate
  - Support Reese as a continued demonstration site
  - Defer all others until after Services closure inputs analyzed

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**Base Closure Executive Group**

## **Redirect Proposal**

- **Background**
  - **1993 Base Closure Commission recommended**
    - The realignment of Griffiss AFB
    - A minimum essential airfield will be maintained and operated by a contractor on an "as needed , on call" basis. The ANG will maintain and operate necessary facilities to support mobility/contingency/training of the 10th Infantry (light) Division locate at Fort Drum, New York and operate them when needed.

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## **Redirect Proposal cont**

- **Relook the 1993 BRAC Commission on Griffiss AFB to support the 10th Mountain Division out of Fort Drum**
  - **Site Alternatives**
    - Griffiss AFB, Rome N.Y.
    - Hancock Field ANGB, Syracuse N.Y.
    - Wheeler-Sack AAF, Ft Drum, N.Y.

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## **Redirect Proposal cont**

- **Contacts**
  - **Army Forces Command**
    - Ms Neta Adams                      BRAC Programs
    - Mr Robert Wade                 Mobilization Plans
  - **Air National Guard**
    - Capt Dave Pacheco                 ANGRC/XPPB
    - Lt Col Bill Albro                     ANGRC/CE
    - Lt Col Bernie Kring                 NGB/XOOB
  - **Air Mobility Command**
    - Mr. James Smith, GM-13     DAF Chief Resource Mgmt,  
Director of Operations and Transportation

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## **Redirect Proposal cont**

- Minimum Airfield Concept

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## **Redirect Proposal cont**

- **Griffiss Costs**
  - One time construction \$170,000
  - AF Pavement Evaluation team Projects (additional \$5.8M over 5 years)
  - **Recurring Contract Cost**
    - AF Manpower estimates 300 Man-Years/year
    - Equivalent Cost - \$12.6M/year
  - **Convoy Costs**
    - FY 92 - \$223,000
    - FY 93 - \$143,000
    - FY 94 - \$250,000 (to 1 Sep 94)

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## **Redirect Proposal cont**

- **Hancock ANGB Costs**
  - NYANG leasehold improvements \$10.2M
  - Equipment required - Transfer to Hancock from Griffiss
  - Recurring Contract Costs \$1.6M
  - Ft Drum Construction Costs \$13.4
  - FT Drum Recurring Maintenance Costs \$.75M

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## **Redirect Proposal cont**

- Ft Drum Costs
  - Construction costs \$50.7M
  - Equipment Requirements - Transfer to Ft Drum from Griffiss
  - Recurring Contract Costs \$2.8M

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## **Redirect Proposal cont**

### Summary

- Cost Comparison for Next 10 Years

<u>Base</u>	<u>Cost (M)</u>	<u>Avg Ann Cost (M)</u>
Griffiss AFB	\$161.64	\$16.1
Hancock Field	\$51.77*	\$5.2
Ft Drum	\$77.62	\$7.7

\*split operation

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## **Redirect Proposal cont**

### **Conclusion**

- **Griffiss Most Expensive**
- **Savings Substantial with either Hancock ANGB or Fort Drum**
- **Further study Warranted**

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### SPACE BASE ANALYSIS

	FALCON	ONIZUKA
AVERAGE COST OF T-1 CURCUIT	\$29,689	\$48,001
NUMBER OF CURCUITS PER BASE	<20	<20
COST	\$.6M	\$.96M

- ONIZUKA IS 39% HIGHER THAN FALCON FOR T-1 CURCUITS
- DELTA NOT REPRESENTATIVE OF OVERALL COMM COST
- OVERALL COMM COST IS 20 -25% HIGHER AT ONIZUKA

1 12/11/94



### SPACE BASE ANALYSIS

	FALCON	ONIZUKA
<b>MISSION CAPACITY</b>		
CAPABLE OF CORE	GREEN -	YELLOW+
FUTURE MISSION PROJECTION	GREEN	RED
FUTURE MISSION COMPATABILITY	GREEN	GREEN
<b>MISSION SUPPORT</b>		
BANDWIDTH - SATELLITE TERMINALS	GREEN	YELLOW
BANDWIDTH - BASE INFRASTRUCTURE	RED	GREEN
CONTROL POINTS	RED	GREEN
CPU EQUIVALENTS	RED	GREEN
<b>RISK</b>		
WAIVER TO EXISTING SECURITY REQ	GREEN	RED
OPS HRS LOST DUE TO EXTERNAL FACTORS	GREEN	GREEN
ABILITY TO SUSTAIN CORE OPS	GREEN	RED
<b>ROLL-UP</b>	YELLOW+	YELLOW+

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ANG BRIEFING- BRAC 95  
**POSSIBLE OPTIONS**

<u>BASE</u>	<u>OPTION</u>	<u>RECOMMENDATION</u>	<u>REASON</u>
BOISE	MT HOME	NO	COSTS
BUCKLEY	PETERSON	NO	COSTS
ST LOUIS	WHITEMAN	NO	COSTS
BALTIMORE	ANDREWS	NO	COSTS
OTIS	WESTOVER	NO	COSTS
			ENVIRONMENTAL
PITTSBURGH	-----	NO	NO AF BASE
PORTLAND	-----	NO	NO AF BASE

2

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ATCA 4

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ANG BRIEFING- BRAC 95  
**POSSIBLE OPTIONS**

<u>BASE</u>	<u>OPTION</u>	<u>RECOMMENDATION</u>	<u>REASON</u>
RICKENBACKER	WRIGHT-PAT	NO	COSTS
SALT LAKE CITY	HILL	NO	COSTS
SELFRIDGE	_____	NO	NO AF BASE
STEWART	_____	NO	NO AF BASE
TUCSON	D.M. AFB	NO	COSTS AND SAFETY

3

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ANG COBRA BRIEFING- BRAC 95  
**OTHER OPTIONS**

- MCENTIRE ANGB SC TO SHAW AFB
- MOFFETT CA TO BEALE AFB
- MOFFETT CA TO MCCLELLAN AFB
- SUFFOLK COUNTY NY TO STEWART IAP
- ROSLYN ANGS NY TO STEWART IAP
- GREAT FALLS TO MALSTROM AFB
- ONTARIO CA TO MARCH ARB
- NORTH HIGHLANDS TO MCCLELLAN AFB

4

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**BCEG - CLOSE HOLD**

<b>BASE -- OPTION</b>	<b>ANG MILCON</b>	<b>BRACAL</b>	<b>ROI(1)</b>	<b>ROI(2)</b>
Baltimore -- Andrews AFB	\$85.5M	\$82.9M	100+ Yrs	100+
Boise -- Mt Home AFB	38.0	39.9	14	15
Buckley -- Peterson AFB	62.2	64.13	100yrs	never
St Louis -- Whiteman AFB	48.4	50.7	64	86
Otis -- Westover ARB	53.4	43.1	5	4
Rickenbacker -- Wright Pat AFB	90.8	67.34	24	18
Salt Lake City -- Hill AFB	66.0	53.5	40	32
Tuscon -- Davis Monthan AFB	87.5	75.7	48	45

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<b>BASE -- OPTION</b>	<b>ANG MILCON</b>	<b>BRACAL</b>	<b>ROI(1)</b>	<b>ROI(2)</b>
McEntire -- Shaw AFB	52.3M	21.2M	27Yrs	10
Moffett -- Beale AFB	33.5	43.5	11	10
Moffett -- McClellan	44.5	45.27	15	15
Suffolk -- Stewart	<b>Marines are not leaving Stewart</b>			
Great Falls -- Malmstrom AFB	34.9	34.9	37 Actual Site Survey	
Roslyn, NY GSU -- Stewart	1.0	1.0	4	4
Ontario, CA GSU-- March ARB	.5		12 Actual Site Survey	
N Highlands -- McClellan AFB	2.6	3.6	23	40

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## KINGSLEY FIELD, OR

- 114 FS, OREGON ANG
  - 12 F-16C/D GP
    - 96 POM and 96 BES

7

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8

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DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

09 MAR 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 15 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen Heflebower, AF/PE  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Kraus, SAF/AQX  
Mr. Kelly, AF/DPP  
Maj Niezgodna, AF/SCXX  
Maj Richardson, AF/RTR

The meeting was called to order by Mr. Boatright. On December 14, 1994, the SECAF received a briefing on the work and alternatives of the Medical JCSG. It was noted that the development of these alternatives was largely premature since closure and realignment decisions in the 1995 BRAC process would affect the assumptions on which this study was based. There was also a concern that TRICARE and other consolidation plans be taken into account in the analysis, and that reductions in facilities should avoid being part of the BRAC process if possible, since the mandated actions could not be reversed without future congressional action. The SECAF approved forwarding these concerns to the Medical JCSG.

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## CLOSE HOLD - BCEG/BCEG STAFF ONLY

Large Aircraft options were then reviewed by the SECAF. The need for a Special Operations Wing beddown was accommodated by ensuring that each multiple closure allowed beddown room for the Special Ops force structure at one or more of the preferred western U.S. sites. The impact on options due to air quality considerations was discussed, limiting beddown options. The CSAF objected to the Minot closure option which placed bombers at Fairchild, in that it broke up tanker consolidations. Consolidating complimentary mobility assets under a single commander increases flexibility and responsiveness in supporting a wide range of mobility requirements. The wings are organized to enhance readiness, planning, and coordination while offering increased training effectiveness, reduced overhead costs, and an integrated, cohesive mobility mission mind set. As a single source of refueling assets, response time is reduced during TACC tasking of short notice, no-plan, or no-notice global air mobility missions. The location of the Fairchild tanker wing is also ideally suited for the SIOP mission because it optimizes flight time to objective areas. Beale AFB was considered a better receiver for B-52 aircraft should Minot AFB be closed. Finally, the closure of Beale AFB raised considerable concern because of the unique, specialized mission, its relatively high cost, and its considerable potential as a Special Operations Wing beddown site.

Closure of Scott AFB raised several concerns. The movement of the headquarters commands located at Scott AFB would cause considerable disruption to missions continuing to operate at high operational tempo. The mobility control functions performed by Scott AFB would be unable to accommodate this disruption. Moreover, no significant reduction of infrastructure or operational benefit would be gained.

The CSAF objected to the closure of Grand Forks, since this would break up another consolidated tanker force, with the considerations as noted above regarding movement into Fairchild. Malmstrom was noted as having superior missile capabilities, but low cost to close and a limited airfield capability and flexibility. Closure of the airfield alone was directed to be examined.

The Ellsworth closure was examined. CSAF suggested that the command-dedicated aircraft located at Robins which support the unified command headquarters located at MacDill be moved to MacDill in the event the Air Force retains this as an active airfield. A question then arose as to moving the C-130 aircraft from Dyess to Little Rock with the C-130 schoolhouse then being moved to Altus, to reduce the aircraft loading at Dyess. The loading and ops tempo of Dyess with an Ellsworth closure would put Dyess to about maximum capacity without the C-130 moves. COBRA results were examined for all reviewed moves.

At the completion of the review, the SECAF discontinued further analysis of a closure of Scott AFB because of the operational concerns previously raised. Also, because of the concerns raised about the closure of Beale AFB and since the base was a middle tier base, its closure would not continue to be analyzed at this time. The following options were to receive further analysis:

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## **CLOSE HOLD - BCEG/BCEG STAFF ONLY**

Closure of Ellsworth

Closure of Grand Forks missile field only.

Closure of Minot, moving B-52s to Beale as an alternative to closure of Grand Forks missile field

Closure of Malmstrom airfield only

Following the summary of the SECAF meeting, Maj Niezgoda, AF/SCXX, briefed a redirect of the 485th EIG from Hill AFB to Tinker AFB, using the slides at Atch 1. Mr. Boatright reminded the BCEG that a redirect must contain two primary elements to be a strong candidate for SECDEF and Commission approval. First, it needs to reflect what has changed since the previous Commission decision. Second, the resulting redirect needs to be a more cost effective option. He also noted that, prior to the 1993 Commission issuing its recommendation, the Commission had been informed that the Air Force had a more cost effective option for realigning the 485th EIG to Tinker AFB. Despite the Air Force recommendation, the Commission directed the unit to Hill AFB. The BCEG noted that additional cost figures would be required to determine if this redirect is cost effective.

Mr. Beach, SAF/FM, presented a briefing on the costs of previous BRAC rounds, using the slides at Atch 2, as general background information for the BCEG members. A considerable discussion followed concerning obligation rates, funding for environmental restoration, and the proposal of transferring DoD DERA account funds to BRAC

Maj Richardson, AF/RTR, briefed AFRES closure and realignment proposals, using the slides at Atch 3. The BCEG asked that BCWG provide oversight over the cost estimation portion of the COBRA inputs. When reviewing the March AFB recommendation, the BCEG noted that this base is the primary airlift site for the Marines stationed in Southern California. The BCEG questioned the steady state savings on Grissom. In examining the Bergstrom proposal, the BCEG noted that the MacDill cost factor should not include operation of the airfield, since the Air Force will be obligated to provide this as a result of a previous decision by the Deputy Secretary of Defense.

When reviewing the analysis of the Reserve C-130 bases, the BCEG questioned the force structure on which the analysis was predicated. They asked for an update on the force structure for C-130 bases.

Mr. Mleziva, AF/BCWG, presented a preliminary look at the briefing to be given to the SECAF regarding lab and product center activities, using the slides at Atch 4. He noted the difference in the Rome Lab, New York, figures from the level playing field. There were several contributing factors. First, more refined requirements were used for pricing a move to Hanscom AFB. Second, available space at Hanscom was discovered that could be renovated and converted to lab space. Third, more refined personnel data was used.

For consideration of the Mesa Armstrong Lab activity, the BCEG noted that the support at Orlando should be assumed to be identical to the support required at the current location, so there should be no saving from that portion of the COBRA analysis. Mr. Mleziva pointed out that the level-playing field analysis for Los Angeles AFB, in which

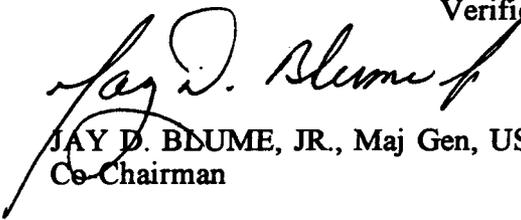
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

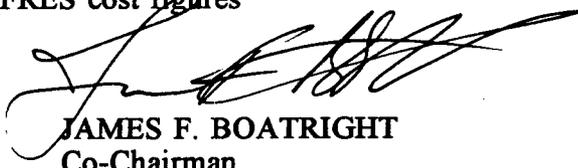
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

Kirtland was used as a receiver, was not a viable option because of air quality conformity problems in Albuquerque. The BCEG directed the BCWG to work the remaining cost estimates for the focused COBRA analysis of Los Angeles, Kirtland, and Brooks AFBs, since the information provided was based on level-playing field only.

There being no further matters to discuss, the meeting was adjourned at 1405. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS: Squadron size and number of units White Paper  
AFRES C-130 force structure  
Verification of AFRES cost figures

  
JAY D. BDUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. 485 EIG Redirect
2. BRAC Funding
3. AFRES Options
4. Lab Briefing

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



**485th  
ENGINEERING INSTALLATION GROUP  
REDIRECT PROPOSAL**

**MAJ NIEZGODA  
HQ USAF/SCXX  
4-9286**

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**485 EIG REDIRECT PROPOSAL**

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



- BACKGROUND
- OPTIONS
- RECOMMENDATION

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## BACKGROUND

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



### PROCESS

- **CSAF TASKING:**
  - **RETIRE 485th ENGINEERING INSTALLATION GROUP (EIG) IN LIEU OF MOVING THE UNIT FROM GRIFFISS AFB TO HILL AFB**
  - **CONSIDER MOVING ENGINEERING INSTALLATION (EI) ASSETS TO TINKER AFB**
- **AF/SC AND AFMC/SC-DEVELOPED OPTIONS**
- **ESC/CC BRIEF TO CSAF**

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## BACKGROUND

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



### FORCE STRUCTURE ISSUES

- **EI FORCE STRUCTURE SIZED TO SUPPORT TWO MRCs**
- **REDUCED 629 EI POSITIONS (FY944 - 961)**
- **PROJECTED EI FORCE STRUCTURE (OCT 95):**

<u>ACTIVE DUTY</u>	<u>ANG</u>	<u>TOTAL</u>
1775 (43%)	2314 (57%)	4089

24

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## BACKGROUND

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



### RULES OF ENGAGEMENT

- BRAC 93 DIRECTS THE 485TH ENGINEERING INSTALLATION GROUP AT GRIFFISS AFB RELOCATE TO HILL AFB UTAH
- AF PAD 94-01 DIRECTS THAT SUPPORT AGREEMENTS FOR UNITS REMAINING AT GRIFFISS AFB WILL BE IN PLACE AND FUNCTIONING NO LATER THAN 30 SEP 95
- TWO MRC WARTIME SUPPORT REQUIRES 485 EIG RESOURCES
- 485 EIG MOVEMENT TO OTHER THAN HILL REQUIRES BRAC REDIRECTION

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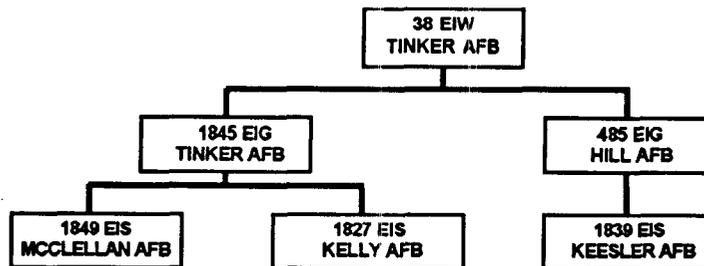
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## OPTIONS

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



### BASELINE - REALIGN 485 EIG TO HILL AFB



• COST = \$14.8 MILLION

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# OPTIONS

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



## OPTIONS STUDIED

- OPTION 1
  - DISBAND 485 EIG
  - REALIGN 1839 EIS UNDER 1845 EIG
- OPTION 2
  - INACTIVATE 485 EIG
  - MOVE 485 EIG RESOURCES TO TINKER AFB
  - MOVE 1827 EIS, 1839 EIS, 1849 EIS RESOURCES TO TINKER AFB
- OPTION 3
  - INACTIVATE 485 EIG
  - MOVE 485 EIG ENGINEERING RESOURCES TO TINKER AFB AND INSTALLATION RESOURCES TO OTHER EI UNITS
  - REALIGN 1839 EIS UNDER 1845 EIG

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# OPTIONS

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



	<u>ONE TIME COST (M\$)</u>	<u>ANNUAL SAVINGS</u>	<u>POSITIONS SAVED</u>	<u>RECOUP TIME</u>	<u>OPERATIONAL ASSESSMENT</u>
OPTION 1 -	\$4.18 M	\$32.94 M	583	0.13 YRS	CANNOT SUPPORT 2 MRCS. REDUCED ABILITY TO SUPPORT PEACETIME WORKLOAD
OPTION 2 -	\$37.17 M	\$4.84 M	77	7.68 YRS	ALL EI FUNCTIONS CENTRALIZED...SUBOPTIMAL DISTRIBUTION OF ENGINEERING & INSTALLATION RESOURCES. POSSIBLE MOBILITY CHOKEPOINT AT TINKER FOR ENGINEERING AND INSTALLATION
OPTION 3 -	\$3.88 M	\$4.84 M	77	0.80 YRS	POSSIBLE CHOKE POINT OF MOBILITY ENGINEERS AT TINKER AFB. LIMITED IMPACT

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## RECOMMENDATION

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



### CSAF DECISION

- ESC/CC BRIEFED CSAF ON OPTIONS STUDIED
- CSAF DIRECTION: SEEK A REDIRECT OF THE 485 EIG
  - ALIGN ENGINEERING RESOURCES TO TINKER AFB
  - ALIGN INSTALLATION RESOURCES TO OTHER EI UNITS

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## RECOMMENDATION

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



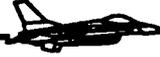
- RECOMMEND AIR FORCE SEEK A REDIRECT OF THE 485 EIG
  - RETIRE THE 485 EIG
  - REALIGN ENGINEERING RESOURCES TO TINKER AFB
  - REALIGN INSTALLATION RESOURCES TO OTHER EI UNITS
- MOST COST EFFECTIVE WITHOUT SERIOUS MISSION IMPACT

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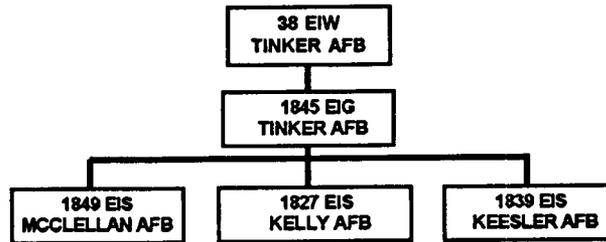
## OPTIONS

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



**OPTION 1:**

- DISBAND 485 EIG
- REALIGN 1839 EIS UNDER 1845 EIG



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## OPTIONS

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



	<u>ONE TIME COST (M\$)</u>	<u>ANNUAL SAVINGS</u>	<u>POSITIONS SAVED</u>	<u>RECOUP TIME</u>	<u>OPERATIONAL ASSESSMENT</u>
OPTION 1 -	\$4.18 M	\$32.94 M	583	0.13 YRS	CANNOT SUPPORT 2 MRCS. REDUCED ABILITY TO SUPPORT PEACETIME WORKLOAD

**PROS**

- DOES NOT REQUIRE BRAC REDIRECTION

**CONS**

- DOES NOT SUPPORT 2 MRC REQUIREMENT
- PEACETIME WORKLOAD SUPPORT DIMINISHED

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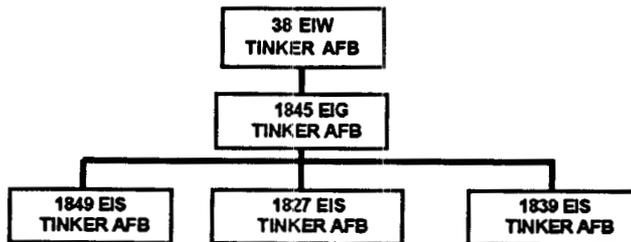
## OPTIONS

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



### OPTION 2:

- INACTIVATE 485 EIG
- MOVE 485 EIG RESOURCES TO TINKER AFB
- MOVE 1827 EIS, 1839 EIS, 1849 EIS RESOURCES TO TINKER AFB



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## OPTIONS

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



	<u>ONE TIME COST (M\$)</u>	<u>ANNUAL SAVINGS</u>	<u>POSITIONS SAVED</u>	<u>RECOUP TIME</u>	<u>OPERATIONAL ASSESSMENT</u>
OPTION 2 -	\$37.17 M	\$4.84 M	77	7.68 YRS	ALL EI FUNCTIONS CENTRALIZED...SUBOPTIMAL DISTRIBUTION OF ENGINEERING & INSTALLATION RESOURCES. POSSIBLE MOBILITY CHOKE POINT AT TINKER FOR ENGINEERING AND INSTALLATION

#### PROS

- RETIRES 485 EIG
- SUPPORTS 2 MRCS
- CONSOLIDATES ENGINEERING FUNCTIONS AT TINKER AFB (EFFICIENCY) - SAVES 77 BILLETS

#### CONS

- REQUIRES BRAC REDIRECTION
- NEGATIVELY IMPACTS EI MISSION CAPABILITIES

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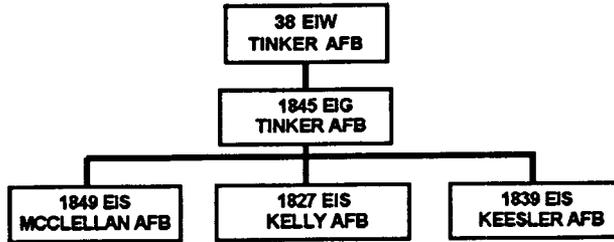
**OPTIONS**

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



**OPTION 3:**

- INACTIVATE 485 EIG
- MOVE 485 EIG ENGINEERING RESOURCES TO TINKER AFB AND INSTALLATION RESOURCES TO REMAINING EI UNITS
- REALIGN 1839 EIS UNDER 1845 EIG



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**OPTIONS**

INFORMATION DOMINANCE FOR GLOBAL REACH - GLOBAL POWER



	<u>ONE TIME COST (M\$)</u>	<u>ANNUAL SAVINGS</u>	<u>POSITIONS SAVED</u>	<u>RECOUP TIME</u>	<u>OPERATIONAL ASSESSMENT</u>
OPTION 3 -	\$3.88 M	\$4.84 M	77	0.80 YRS	POSSIBLE CHOKE POINT OF MOBILITY ENGINEERS AT TINKER AFB. LIMITED IMPACT

**PROS**

- RETIRES 485 EIG
- SUPPORTS 2 MRCS
- CONSOLIDATES ENGINEERING FUNCTIONS AT TINKER AFB (EFFICIENCY) - SAVES 77 BILLETTS
- DISPERSES INSTALLATION RESOURCES TO SUPPORT PEACETIME/WARTIME TASKS

**CONS**

- REQUIRES BRAC REDIRECTION

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BCEG CLOSE HOLD

**Base Closure Executive Group**

**Commission**

	I	II	III	IV	Total
<b>Army</b>					
Cost	1,288.2	1,206.3	500.0	773.0	3,767.5
Savings	<u>-721.0</u>	<u>-1,181.2</u>	<u>-151.4</u>	<u>-2,187.0</u>	<u>4,240.6</u>
Net	567.2	25.1	348.6	-1,414.0	-473.1
<b>Navy</b>					
Cost	284.6	1,944.6	6,163.1	1,140.0	9,532.3
Savings	<u>-334.5</u>	<u>-2,166.7</u>	<u>-4,671.5</u>	<u>-3,095.0</u>	<u>-10,267.7</u>
Net	-49.9	-222.1	1,491.6	-1,955.0	-735.4
<b>Air Force</b>					
Cost	1,056.2	1,220.1	1,729.6	1,047.9	5,053.8
Savings	<u>-1,413.1</u>	<u>-2,957.7</u>	<u>-1,110.1</u>	<u>-868.0</u>	<u>-6,348.9</u>
Net	-356.9	-1,737.6	619.5	179.9	-1,295.1

BCEG CLOSE HOLD

1 12/15/94



BCEG CLOSE HOLD

**Base Closure Executive Group**

**BRAC 88 Overall Cost (\$M)**

<u>Base</u>	<u>Total</u>	<u>Environ</u>	<u>Ovrhd O&amp;M</u>	<u>All Other</u>
Chanute	201.4	43.5	10.9	147.0
George	153.6	42.6	8.8	102.2
Mather	127.7	76.0	6.9	44.8
Norton	326.8	64.7	4.3	257.7
Pease	139.2	103.3	12.7	23.3
Prg Mgt	<u>107.6</u>	<u>23.7</u>	<u>13.4</u>	<u>70.5</u>
Total	1,056.2	353.7	57.0	645.5
Avg/Base	211.2	70.7	11.4	129.1
% of Total		33.5	5.4	61.1
		400.4		

BCEG CLOSE HOLD

2 12/15/94



BCEG CLOSE HOLD

### BRAC 91 Overall Cost (\$M)

Base	Total	Environ	Ovrhd O&M	All Other
Bergstrom	85.4	47.4	0.5	37.5
Carswell	44.4	24.3	4.8	15.3
Castle	81.3	67.5	0.0	13.8
Eaker	34.0	25.6	5.6	2.8
England	43.0	23.3	5.4	14.3
Grissom	51.6	17.0	1.9	32.7
Loring	104.4	83.6	4.9	15.9
Lowry	175.3	20.5	4.5	150.3
MacDill	26.5	19.8	0.0	6.7
Myrtle Beach	47.85	32.1	6.0	9.8
Rich-Gebaur	49.5	4.5	1.5	43.5
Rickenbkr	102.1	19.1	1.3	81.7
Williams	48.7	36.7	3.7	8.3
Wurtsmith	37.8	22.4	10.2	5.2
Prg Mgt	<u>309.2</u>	<u>32.6</u>	<u>13.7</u>	<u>63.6</u>
Total	1,053.8	487.9	73.8	492.1
Avg/Base	75.3	30.5	4.6	30.8
% of Total		46.3	7.0	46.7
		1,035.2		

BCEG CLOSE HOLD

3 12/15/04



BCEG CLOSE HOLD

### BRAC 93 Overall Cost (\$M)

Base	Total	Environ	Ovrhd O&M	All Other
Griffiss	231.9	61.0	16.6	154.3
KI Sawyer	321.9	17.9	18.6	285.4
March	488.0	106.7	12.8	368.5
Plattsburgh	220.4	26.1	19.9	174.4
Homestead	84.7	22.8	8.9	53.0
O'Hare AP	0.0	0.0	0.0	0.0
Gentile	0.3	0.0	0.0	0.3
Newark	72.5	2.4	8.1	62.0
Prg Mgt	<u>309.9</u>	<u>132.6</u>	<u>13.7</u>	<u>163.6</u>
Total	1,729.6	369.5	98.6	1,261.5
Avg/Base	216.2	46.2	12.3	157.7
Avg exc O'Hair/Gent.	288.2	61.6	16.4	226.6
% of Total		21.4	26.7	72.9
		395.7		

BCEG CLOSE HOLD

4 12/15/04





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE

WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

23 JAN 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 30 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Walters, AF/PE  
Capt Roop, AF/CEV  
Mr. Schoenecker, AF/CEV

The meeting was called to order by Maj Gen Blume. He and Mr. Boatright reviewed the current process. Capt Roop, AF/CEV, briefed the estimated Air Quality impacts related to several potential force structure beddowns at Beale AFB, using the slides at Atch 1.

Mr. Schoenecker, AF/CEVP, briefed the economic impact data for Criterion VI, using the computer database display, and the slides at Atch 2. The data reflects changes resulting from OSD revisions to the model, which now uses Bureau of Economic Analysis for 1993 employment figures. The major result of this change is the inclusion of military personnel in the total employment figures, which in most cases results in a lower, but more accurate, percentage impact of closure actions. The other change is to use a different civilian multiplier in some cases.

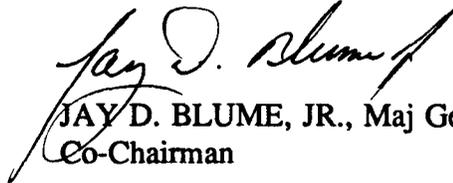
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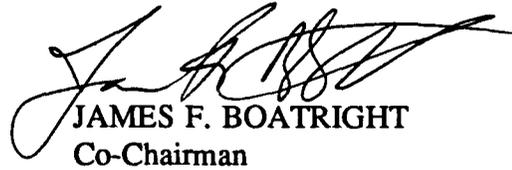
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

Mr. Schoenecker also briefed an action the BCEG had requested him to address with the JCSG involving the use of more localized economic data, rather than large MSAs. After discussing this issue, the JCSG declined to incorporate two different economic areas into the analysis. The BCEG then reviewed all bases and their economic impact data, and concluded that the changes did not alter their evaluations.

There being no further matters to discuss, the meeting was adjourned at 1200. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS: Squadron size and number of units White Paper

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachments

1. Air Quality
2. Economic Data

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

# Beale: Scenario 1

(No KC135E On-Station)

BCEG Action	Conformity Analysis	Emissions Above 1990 Baseline	Status	Beale	Status
Add AFSOC	YES	28 NOX 0 VOC	G	Attainment	Y
Add AFSOC Add ANG	YES	45 NOX 0 VOC	Y	Restriction	R
Add AFSOC Add 12 B-52H	YES	129 NOX 64 VOC	R	Future Growth	Y
Add AFSOC Add 12 B-52H Add ANG	YES	146 NOX 93 VOC	R		

(Capt Roop/73360/CEVC/30Dec94)

# Beale: Scenario 2

## (With KC135E On-Station)

BCEG Action	Conformity Analysis	Emissions Above 1990 Baseline	Status	Beale	Status
Add AFSOC	YES	70 NOx 0 VOC	Y	Attainment	Y
Add AFSOC Add ANG	YES	99 NOx 0 VOC	Y	Restriction	R
Add 12 B-52	YES	70 NOx 119 VOC	Y	Future Growth	Y
Add 12 B-52H Add ANG	YES	108 NOx 143 VOC	R		

# Beale: Scenario 3

## (Convert KC135E to KC135R)

BCEG Action	Conformity Analysis	Emissions Above 1990 Baseline	Status	Beale	Status
Add 12 B-52H	YES	88 NOx 0 VOC	Y	Attainment	Y
Add AFSOC	YES	97 NOx 0 VOC	Y	Restriction	R
Add AFSOC Add ANG	YES	114 NOx 0 VOC	R	Future Growth	Y
Add 12 B-52H Add ANG	YES	126 NOx 85 VOC	R		

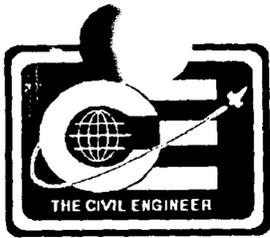


# SUBJECTS OF DISCUSSION

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- Update on the impacts on all notional closure
  - OSD has advised as model is updated
  - Input data has been updated
- Discuss issue of two employment impact indicators per economic area as raised by BCEG





## ECONOMIC AREAS IN METROPOLITAN AREAS

---

- ◆ **BCEG Request it be brought up with OSD Cross-Service Group**
- ◆◆ **Brought to OSD Working Group for Cross-Service Group on Economic Impact on 31 October**
- ◆◆ **OSD, Army & Navy do not see the feasibility of implementing dual systems, even for final closure decisions**



## **ECONOMIC AREAS IN METROPOLITAN AREAS**

---

- ♦ **Rationale of OSD, Army & Navy**
- ♦♦ **OMB-Census Bureau system of MSA designations, while definitely not perfect, is only defensible system**
  - ♦♦♦ **Has evolved over the decades**
  - ♦♦♦ **Subject to written procedures and guidelines**
  - ♦♦♦ **Subject to public review**
- ♦♦ **Major problems with two employment impact criteria**
  - ♦♦♦ **Will cause technical confusion and political problems**
  - ♦♦♦ **Developing subcounty data base would be prohibitively expensive**



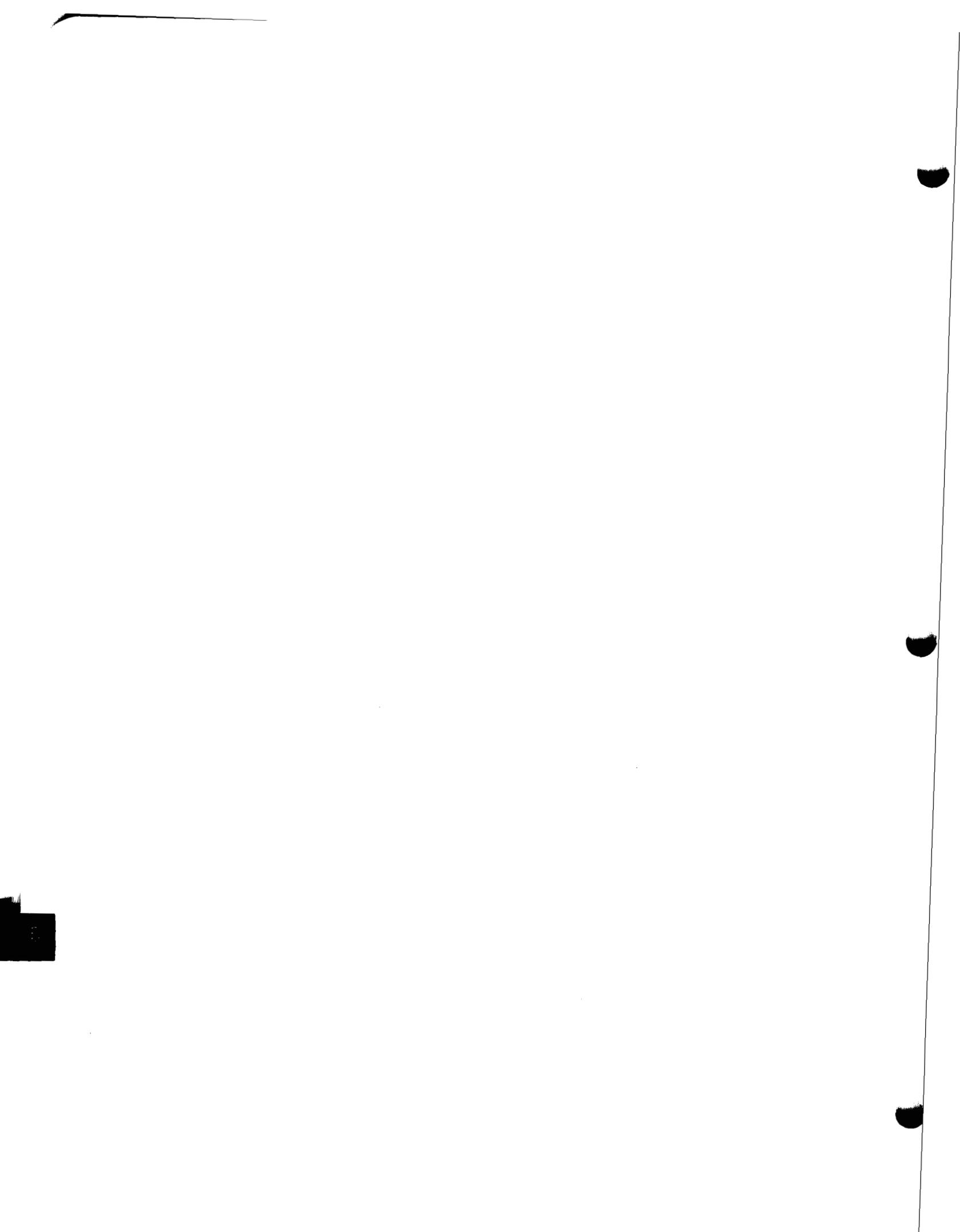


## **ECONOMIC AREAS IN METROPOLITAN AREAS**

- ♦ Panel of experts reviewed proposed system in May
  - ♦♦ They knew metro economic areas was based on OMB-Census Bureau designations - - no objections raised
- ♦ OSD would be glad to meet with BCEG on this matter if requested







DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

20 FEB 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 29 December 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Newell, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Walters, AF/PE  
Mr. Mleziva, AF/BCWG  
Lt Col Wise, AF/CEV  
Capt Roop, AF/CEV

The meeting was called to order by Mr. Boatright. He addressed several administrative items that need some attention. First, he asked the AF/XO representative to work with the Recorder to make sure that operational concerns that influenced SECAF guidance/decisions are accurately described in our Minutes. He also discussed the JCSG process clarification just issued by OSD (Atch 1). As a result of this clarification, he tasked the BCWG to begin analysis of the alternatives identified by the Chairman of the LJCSG which were not derived from the JCSG analysis but, instead, from a separate analysis accomplished by her staff. He cautioned the BCWG not to respond to similar alternatives identified by the Co-Chairmen of the JCSG-TE until a supporting analysis was provided. Finally, he requested that the AF/XO representative provide

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

a briefing to the BCEG on the final force structure that had just recently been issued by the Deputy Secretary of Defense, since this may affect the analysis accomplished thus far.

Mr. Orr discussed the recent agreement among the Services to use a common method of measuring manpower requirements to support proposed moves of depot workload. Because the Air Force method differs from the other Services, the data provided to the other Services must be recalculated. The working group members for depot matters are working this issue.

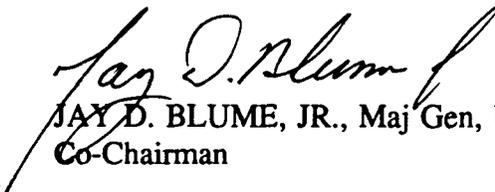
Lt Col Wise, AF/CEV, briefed estimated environmental restoration costs at some of the candidate bases, using the slide at Atch 2. This information is useful for forecasting the budget requirement that will likely be encountered from closing bases. Historically, only the first year funding requirements have been transferred from DERA to the Base Closure Account. As a result, there is a draw on other Air Force budget resources to fund the environmental restoration at closure bases. It was noted that Bergstrom is currently funded under the Base Closure Account since this was a realignment from an earlier BRAC round.

Mr. Mleziva, AF/BCWG, briefed Lab and Product Center updates, using the slides at Atch 3. Some of the figures are not complete, especially those that rely on other service information, such as the option to move the Rome Lab operation to Ft Monmouth. It was noted that the proposal from the JCSG to move Rome Lab to Ft Monmouth would create a Rome Lab organization at Ft Monmouth, rather than absorbing Rome Lab's work into Ft Monmouth. The BCEG also discussed which portions of Kirtland would remain after realignment, since some significant facilities would remain in cantonment or in stand alone status.

Capt Roop, AF/CEVP, briefed results of Air Quality considerations for some proposed moves resulting from closures and realignments, using the slides at Atch 4. The colors represent the feasibility of making the proposed move. The BCEG will be called upon to make any final determination of the advisability of the move, and the SECAF will determine any closures or recommendations using this information. The BCEG requested present alternative moves be examined for Air Quality feasibility.

There being no further matters to discuss, the meeting was adjourned at 1245. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:            Squadron size and number of units White Paper  
                              Beale AFB Air Quality considerations

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

- Attachments
1. OSD Policy
  2. Env Costs
  3. Lab update
  4. Air Quality



ECONOMIC  
SECURITY

**ASSISTANT SECRETARY OF DEFENSE**

3300 DEFENSE PENTAGON  
WASHINGTON DC 20301-3300



December 27, 1994

**MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS  
CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
UNDER SECRETARIES OF DEFENSE  
DIRECTOR, DEFENSE RESEARCH AND ENGINEERING  
ASSISTANT SECRETARIES OF DEFENSE  
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE  
INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE  
DIRECTOR, OPERATIONAL TEST AND EVALUATION  
ASSISTANTS TO THE SECRETARY OF DEFENSE  
DIRECTOR OF ADMINISTRATION AND MANAGEMENT  
DIRECTORS OF THE DEFENSE AGENCIES**

**SUBJECT: 1995 Base Realignments and Closures (BRAC 95) – Clarification of the  
Joint Cross-Service Group Functional Analysis Process**

The Deputy Secretary's January 7, 1994, memorandum initiating the BRAC 95 process established the authority for the functional joint cross-service groups to provide closure and realignment alternatives for Military Department analysis. This memorandum clarifies that policy.

As described in Policy Memorandum Two, the Military Departments will analyze alternatives provided for their consideration by the Joint Cross Service Groups. Alternatives provided by the Chairperson of the JCSG's should be analyzed by the Military Departments whether they are, or are not, consensus of all the members of the JCSG.

Policy Memorandum Two also notes that the JCSG's will use a linear programming optimization model as a tool, a "basis for further analysis and the application of judgment". A JCSG, its Chair or Co-Chair, may recommend for analysis by the Military Departments configurations other than those that are the result of particular runs of the optimization model. This will allow Military Department analysis of the broadest possible range of interservicing alternatives within the Department's BRAC 95 process.

Some JCSG alternatives may prove infeasible, or the volume of these alternatives may preclude timely analysis of each proposal. The Chairperson of the JCSG's may withdraw alternatives from further analysis, or prioritize alternatives to ensure that the most significant proposals receive timely and thorough cost and feasibility analysis.

*Robert E. Boyer*  
Joshua Gotbaum





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## Lab & Product Center

Mleziva  
29 Dec 94

lab1229.ppt

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### Purpose

- LJCSG Analysis
  - Approve RL, Rome Updated Decision Data
  - Approve AL, Mesa Updated Decision Data
- AF Tier II/III Bases
  - Approve SMC Decision Data
  - Approve PL Decision Data
  - Approve Brooks AFB Decision Data

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ATCA 3

## Criteria IV & V

Rome Lab, NY

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$M)</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
Remain at Rome, NY	N/A	N/A	N/A	N/A	0
Move to Hanscom AFB	76	(84)	12	6	64
Move to Hanscom AFB (With PL Reduction)	64	(98)	12	5	64
Move to Ft Monmouth*	TBD	TBD	TBD	TBD	TBD

\* Transmitted to Army for inputs on 22 Dec 94

## Criteria IV & V

Armstrong Lab, Mesa, AZ

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$M)</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
Remain at Mesa, AZ	N/A	N/A	N/A	N/A	0
Move to Orlando*	18.1	4.8	0**	Never	0
Move to Luke AFB	15.4	(2.7)	1.4	11	2
Move to Brooks AFB	16.5	3.9	1.0	22	2
Move to WPAFB	16.7	2.5	1.2	18	2
Move to Eglin AFB	14.4	2.4	1.0	19	2

Considerations:

- BRAC '93 NAWC Orlando Closure Decision
- Aircrew Research Subjects Availability
- AF OL at Orlando for Joint Matters

*	BRAC '91 Decision -- Any Other Decision Requires Redirect
**	Assumes Orlando Identical to Mesa, AZ

## Criteria IV & V

SMC, Los Angeles, CA

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$M)</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To McClellan/Hill	429	(141)	48	10	283

**Considerations:**

- Includes FFRDC Costs
- Includes Expensive Equipment (~\$125M) Move Costs
- Peterson Not Viable -- Air Quality

## Criteria IV & V

Philips Lab, Kirtland AFB, NM

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$M)</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To McClellan/Hill*	448	(469)	81	6	1492

**Considerations:**

- Quality of Kirtland Facilities
- MILCON Assumes Modified Construction at Destination
- Includes Very Expensive Equipment (~\$1.3B) Move Costs
- Peterson Not Viable -- Air Quality

\*Previously Presented to BCEG

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## Criteria IV & V

Brooks AFB, TX

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$M)</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
To Wright-Patterson AFB*	246	(78)	28	10	438
To Wright-Patterson AFB	264	(62)	28	11	397

### Considerations:

- Cntr for Environ Excel Disposition

\* Previously Presented To BCEG

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Air Conformity Determination Equation

$$[(Aircraft_{1990} \pm Aircraft_{1997}) + Aircraft_{BRAC}] + [(Personnel_{1990} \pm Personnel_{1997}) + Personnel_{BRAC}] + Facilities_{BRAC}$$





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**25 JANUARY 1995 BCEG BRIEF**

**BROOKS  
CROSS SERVICING**

- AF DRUG TEST LAB                    83        AFMRDA, WASH D.C.
- AFCEE                                    367        TYNDALL AFB, FL
- HUMAN SYS PRGM OFFICE            300        WPAFB, OHIO
- AF MED SUPPORT AGENCY            200        BOLLING AFB, WASH D.C
- SYS ACQ SCHOOL                      61        WPAFB, OHIO

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**25 JANUARY 1995 BCEG BRIEF**

**CROSS SERVICING**

- HUMAN SYSTEM TECH
- WRAIR                                    135        WPAFB, OHIO
- NAWC CHINA LAKE                    4            WPAFB, OHIO
- ARL ABERDEEN                        217        WPAFB, OHIO
- NAMRC PENSACOLA                    30        WPAFB, OHIO
- NAWC PAX RIVER                      32        WPAFB, OHIO
- USARIEM                                105        WPAFB, OHIO
- NPRDC SAN DIEGO                    2            WPAFB, OHIO
- NAVY DENTAL INST                    24        WPAFB, OHIO
- NMRI BETHESDA                       233        WPAFB, OHIO
- USAARL FT RUCKER                   125        WPAFB, OHIO
- NAVY HEALTH CNTR                   100        WPAFB, OHIO
- NAVY BIODYN LAB                     63        WPAFB, OHIO
- AVRDES MOFFETT                      20        WPAFB, OHIO
- AVDEC ST LOUIS                       5            WPAFB, OHIO

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**Base Closure Executive Group**

# AFRES BRAC 95 BERGSTROM CLOSURE REALIGNMENTS

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**Base Closure Executive Group**

# CURRENT BERGSTROM PROPOSAL

- Close Bergstrom
- Realign HQ 10th AF At Bergstrom To Carswell
- Realign Future Bergstrom KC-135Rs Unit To MacDill

MacDill

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$30M	268	263	1Yrs	20

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**Base Closure Executive Group**

## **NEW BERGSTROM PROPOSAL**

- Close Bergstrom
- Realign HQ 10th AF At Bergstrom To Carswell
- Realign Future Bergstrom KC-135Rs To Barksdale
  - Converting the AFR A/OA-10 Unit to KC-135Rs
- Realign A/OA-10s To New Orleans
  - Converting the AFR F-16 Unit to A/OA-10s

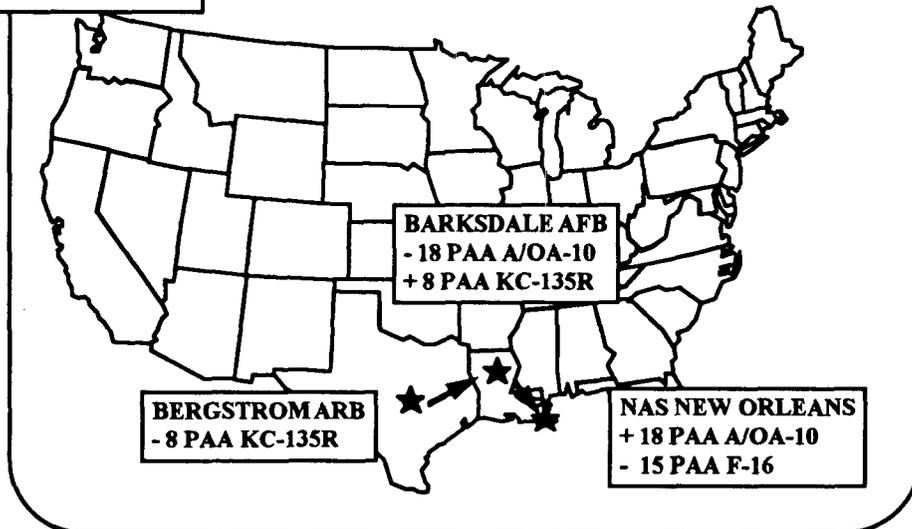
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**Base Closure Executive Group**



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**Base Closure Executive Group**

### JUSTIFICATION

- PCR to Convert Bergstrom F-16s to KC-135Rs
  - BRAC 93 Law Prevents Conversion Prior To End Of 1996
- AF Does Not Req A KC-135 UE Unit at MacDill
  - Assoc KC-135 Unit Will Be Addressed In Future POM
- Barksdale Has Excess Capacity
- Barksdale Was a Prior AFR Tanker Location
- Barksdale A/OA-10 to New Orleans to Make Room
- New Orleans F-16s Convert To A/OA-10

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**Base Closure Executive Group**

### COST

- Barksdale
  - Milcon \$17.45M
  - Recruiting & Training \$2.1M
- New Orleans
  - Milcon \$0.0M
  - Recruiting & Training \$0.7M
- COBRA

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
\$39M	215	263	2 Yrs	17

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**Base Closure Executive Group**

## **COST COMPARISON**

**MacDill**  
**Barksdale**

ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
<b>\$30M</b>	<b>268</b>	<b>263</b>	<b>1 Yrs</b>	<b>20</b>
<b>\$39M</b>	<b>215</b>	<b>263</b>	<b>2 Yrs</b>	<b>17</b>

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**Base Closure Executive Group**

## **RECOMMENDATION**

- BCEG Approve the Propose New Realignments From Bergstrom Closure

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DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

**09 MAR 1995**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 1 February 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

**a. AF/BCEG members:**

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

**b. Other key attendees:**

Dr. Stewart, AF/BCWG  
Mr. Mattice, SAF/AQ  
Gen Leaf, AF/TE  
Col Mayfield, AF/RTR  
Lt Col Kring, NGB

The meeting was called to order by Maj Gen Blume. He began with a summary of the SECAF meeting with the BCEG on 26 January 1995. At that meeting, Mr. Mleziva gave an overview of the proposed split in Rome Lab functions to Hanscom AFB and Ft Monmouth. The SECAF requested a chart with all the options laid out, and that only those essential items that must be accomplished by the Air Force be retained at Hanscom AFB. The issue of cross-service actions involving Human Systems was discussed. The SECAF suggested pursuing options to cross-service workload among the Services. This will be discussed with the other Services.

Maj Johnston, AF/XOFC, discussed a final option on moving Ellsworth AFB force structure in the event its closure is recommended. The SECAF continued to express her opinion that the force structure moves associated with the Ellsworth closure raise considerable questions on the effectiveness of the closure. Brig Gen Bradley presented another option on the Bergstrom

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ARB closure. He noted that the movement of KC-135 aircraft into Barksdale would present a much more effective servicing of southeastern refueling needs. In addition, considerable savings can be achieved by closure of the Bergstrom ARB operation, and positioning of those assets on active duty or other Service reserve airfields.

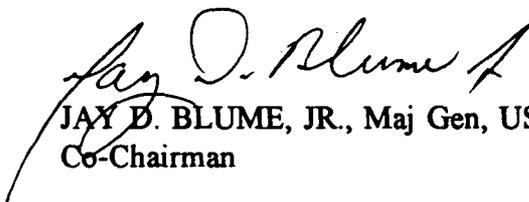
Mr. Beach then presented some financial matters for SECAF consideration. He examined the return on investment presented by different closure scenarios. All options for closure or realignment were then examined and discussed. The costs associated with the closure of a depot base continued to be a concern. After discussion, the SECAF directed that a downsizing option be reviewed, consisting of both BRAC actions and some non-BRAC actions, as appropriate. She requested HQ AFMC be consulted on the potential for this option. It was noted that such a plan would be consistent with the SECAF's guidance, in her letter of November 4, 1994, providing guidance to the BCEG. Mr. Boatright noted that the Defense Logistics Agency had contacted Maj Gen Blume concerning the possibility of getting some storage space, and this could perhaps come from the depots in the event of a downsizing option.

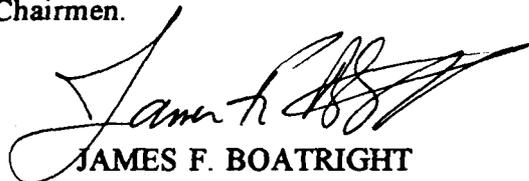
After the SECAF meeting was summarized, Lt Col Kring, NGB, provided an update on the Ft Drum/Griffiss airfield redirect cost estimates, using the slide at Atch 1. These figures result from a joint Air Force and Army team, and are based on the establishment of a minimum essential airfield similar to the one planned for Griffiss AFB after closure. Gen Leaf, AF/TE, then introduced the T&E presentation regarding "core" T&E activities. He noted that the Air Force continued to analyze core activities, using the JCSG-TE analysis plan, data, functional values, and method. This information will also be provided to the JCSG-TE for their consideration.

Dr. Stewart, AF/BCWG, then presented the results of the Air Force T&E analysis, using the slides at Atch 2. He noted that the analysis attempted to evaluate the T&E activities from the test facility level rather than the activity level, and that the assumed concept of operations and cost analysis was the best available given what we know. The BCEG noted a need to change NPV to a negative number denoted by parentheses in order to be consistent with other Air Force presentations.

Mr. Mleziva, AF/BCWG, then briefed a final review of LJCSG alternatives, using the slides at Atch 3. This presentation responds to LJCSG Memo #3, and the DDR&E Memo #4 alternatives which involved not only lab but also T&E activities. Mr. Boatright noted that the Air Force did not respond to T&E and LJCSG alternatives dealing with core T&E alternatives because the T&E Co-Chairs have not yet provided a copy of the analysis on which those alternatives were based. Maj Gen Blume noted that the option of moving Army directed energy work to Kirtland AFB, Phillips Lab, seemed consistent with other Air Force options regarding Kirtland AFB as long as only civilian employees were added to the Lab.

There being no further matters to discuss, the meeting was adjourned at 1225. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

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**Attachments**

1. Ft Drum analysis
2. T&E Analysis
3. Lab Analysis

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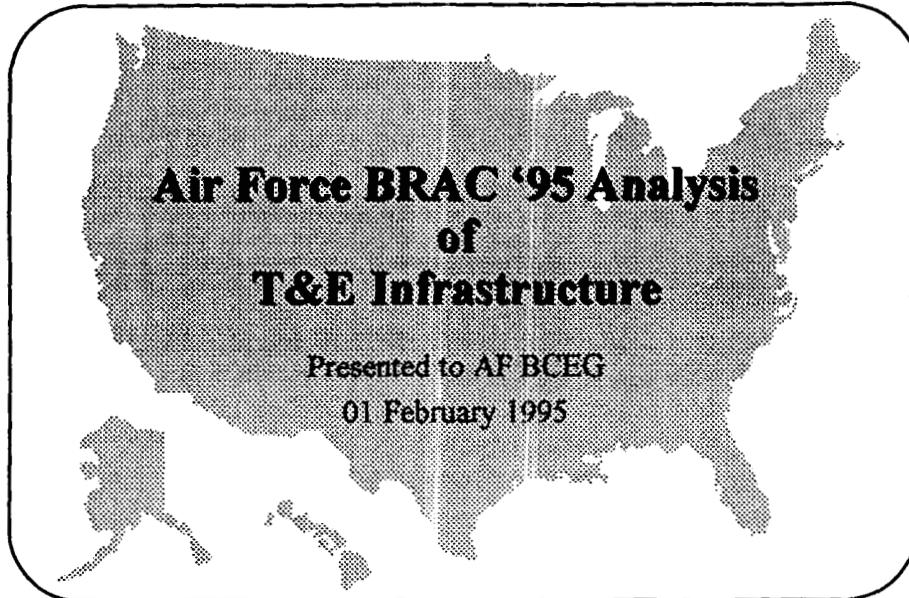
## Base Closure Executive Group

# 10th MOUNTAIN to FT DRUM

- STATUS
  - Package has been signed by Mr Boatright and sent to Army
  - Minimum Essential Airfield requirements at Ft Drum
    - Runway, Taxiway, Facilities
  - BRAC milcon estimate - \$51.17M
- RESULT OF VISIT
  - Army wants the proposal

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## **Purpose**

- Present Results of AF Analysis of T&E Realignment & Consolidation Opportunities
  - Intra-AF
  - Cross-Servicing

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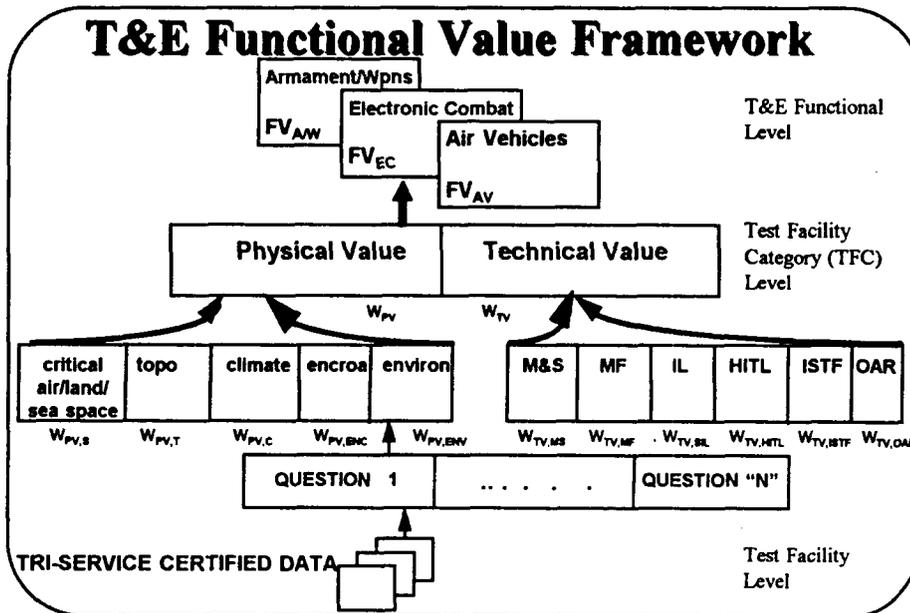
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## Background

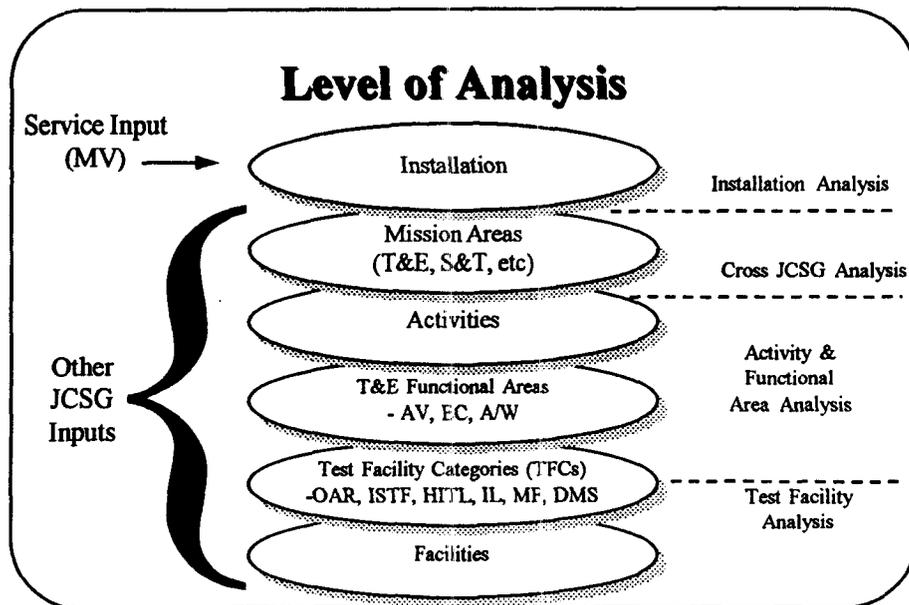
- T&E JCSG Analysis Plan Was Jointly Developed and Approved by BRAC '95 Steering Group
  - Air Vehicles, Air Armament/Weapons and Electronic Combat
  - Test Facility Level
  - Functional COBRA Costs
- T&E JCSG Did Not Complete Analysis IAW Approved Plan
  - "Activity" (e.g. AFFTC, Edwards AFB) versus Test Facility (e.g. ACETEF Facility at Pax River) Focus
    - AF/TE Nonconcurrent
  - Activities Classified into "Core" and "Non-Core"
  - Realignments/Consolidations Between "Core" Activities Not Allowed
  - Steps 3 & 4 Deferred to MILDEPs

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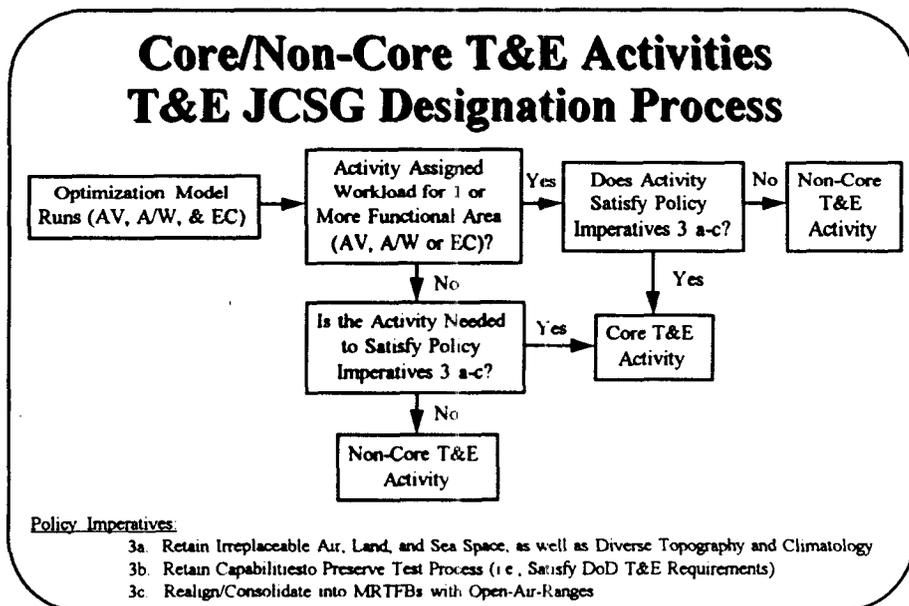
## T&E Functional Value Framework



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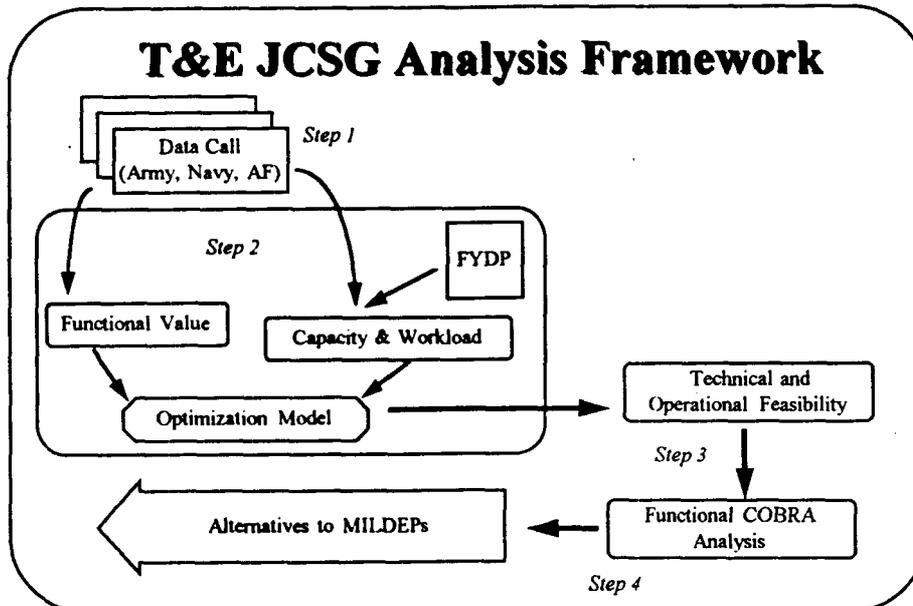


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### Core/Non-Core T&E Activities Summary

MILDEP	Activity (Location)	Core	Non-Core	Retained by Opt Model	Retained as "Core" by T&E JCSG	Rationale
AF	AFBTC (Edwards)	✓				
	AFDTC (Eglin)	✓				
	AEDC (Arnold)	⊗		No	Yes	Cruise Missile Capability
	AFBTC (UTTR)	✓				
	AFDTC (Holloman)	✓				
Navy	475 WEG (Tyndall)		⊗	Yes	No	Not MRTFB OAR (PI 3c)
	REDCAP (Buffalo)		✓			
	NAWC (Pax River)	✓				
	NAWC (China Lake)	✓				
	NAWC (Pt Mugu)	⊗		No	Yes	Unique Navy S-A Capability
Army	NAWC (WSMR)	✓				
	NAWC (Indianapolis)		✓			
	NAWC (Warminster)		⊗	Yes	No	Not MRTFB OAR (PI 3c)
	NSWC (Dahlgren)		⊗	Yes	No	Not MRTFB OAR (PI 3c)
	NSWC (Indian Head)		⊗	Yes	No	Not MRTFB OAR (PI 3c)
Army	WSMR	✓				
	EPG	⊗		No	Yes	Unique Army Rotary Wing
	YPG	✓				
	RTTC	✓				
	ATTC - Ft Rucker	✓				
	AQTD - Edwards	✓				

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## **Background (con't)**

- T&E JCSG Co-Chairs Transmittal to MILDEPs Included Two Sets of Alternatives
  - Jointly Developed Alternatives, Supported By Joint Analysis, Addressing "Non-Core" Activities
  - Co-Chair Alternatives, With No Supporting Analysis, Addressing "Core" Activities
- Air Force Addressed Jointly Developed Alternatives In Its Intra-AF Analysis
  - Offered to Cross-Service Navy and Army in its Response
  - Did Not Respond to Co-Chair Alternatives Since No Supporting Analysis Provided

## **Background (con't)**

- Since T&E JCSG No Longer Active, AF Completed T&E JCSG Analysis Plan, Using Certified Data
  - Results Identify Specific Alternatives for "Core" Activities
  - Addresses Co-Chairs Concerns Regarding Excess Capacity Among "Core" Activities
- AF Combined Results of Above Analysis With Lab JCSG Results to Address Lab JCSG Chair's RDT&E Alternatives
  - Air-Launched Weapons, Propulsion, and Energetics

## Overview

- **Part I: Intra-AF T&E Realignments/Consolidations**
  - Basis for Response to T&E JCSG Alternatives
- **Part II: Completion of T&E JCSG Analysis Plan**
  - Addresses T&E Co-Chair Alternatives
- **Part III: Analysis of RDT&E Alternatives for Armament/Weapons, Propulsion, and Energetics**
  - Addresses Lab JCSG Chair's Alternatives

## Air Force T&E Analysis

### \*Part I: Intra-AF Realignments/Consolidations

\*Update of 12 Dec 94 Briefing for T&E JCSG Meeting, which was not held

## **Purpose**

- **Present Results of Air Force Base Installation Analysis for T&E**
  - Intra-AF T&E Realignments/Consolidations
  - Integration of T&E JCSG Alternatives
  - Basis for Response to T&E JCSG

## **Part I: Outline**

- Scope
- Analysis Process
- Intra-AF Realignments
- JCSG Alternatives
- Summary

## Scope

- Focus of T&E JCSG Analysis on AF Primary Mission...Air Warfare
  - Air Vehicles
  - Air Armament/Weapons
  - Electronic Combat
- Other Services' Primary Missions Excluded
  - Navy: Surface and Subsurface Warfare
  - Army: Land Warfare

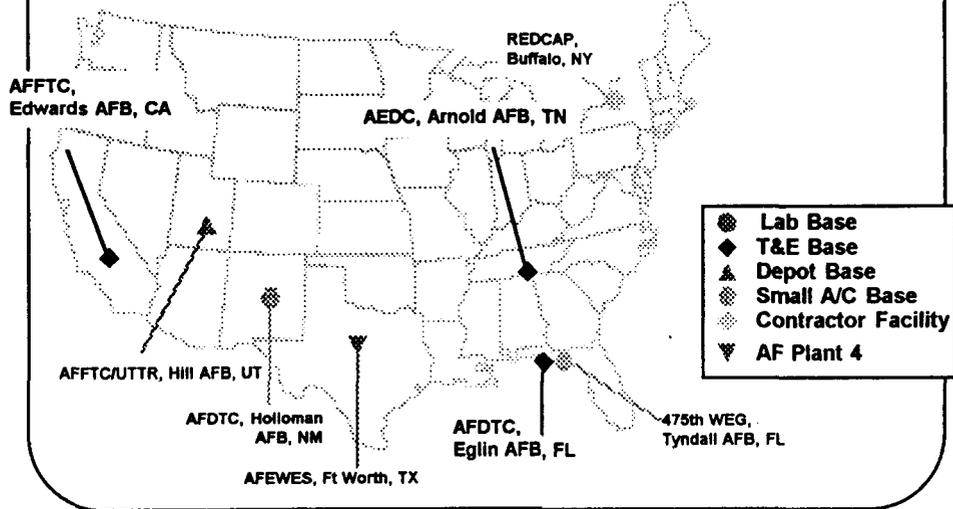
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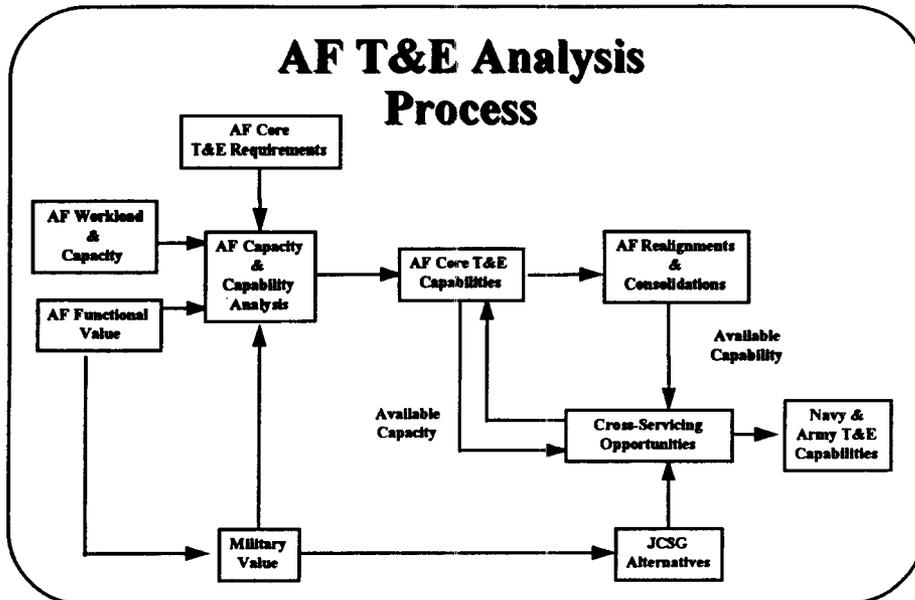
## Air Force T&E Locations



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### AF Core T&E Requirements Must Support AF Core Mission

- Air Warfare is Fundamental Part of AF Mission and Vision
  - “To Defend the United States through Control and Exploitation of Air and Space”
  - “Air Force People Building the World’s Most Respected Air and Space Force...Global Power and Reach for America”
- Air Warfare is Broad in Space and Time
  - Drives Unique Equipage Requirements

## **AF Core T&E Requirements**

### **Must Support Acquisition and Warfighter's Needs**

- T&E is Fundamental Part of Acquisition Process for Developing Unique Equipment for AF
  - Is It Designed Properly?
  - Does it Work?
  - Is It Effective?
- Requires Capability to Support Acquisition/Test Process and to Demonstrate Capability of USAF Fixed-Wing Aircraft/Weapons to
  - Reach Target (Air Vehicle T&E)
  - Survive Against Land & Air Threats (EC T&E)
  - Destroy Targets (Armaments/Weapons T&E)
  - Perform in Realistic Environments Representative of World-Wide Theaters of Operation

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## **AF Core T&E Requirements**

### **Guiding Principles**

- Retain Irreplaceable Natural Resources Needed to Test Current and Future Weapon Systems in Realistic Environments
  - Adequate Air/Land/Sea Space
  - Topography and Climate Representative of Plausible Theaters of Operation
  - Long Term Viability of Ranges (i.e., Encroachment and Environmental Considerations)
- Collocate Core T&E Capabilities to Support Test Process at Open Air Ranges in order to Minimize Number of T&E Sites and Leverage T&E Resources
  - Retain Core Capabilities at Other Sites Only When Geographically Constrained, Economically Prohibitive to Move, or Needed to Support Workload

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## Capacity and Capability Analysis Overall Approach

- Determine AF Core T&E Capabilities Based On Air Force Primary Mission Requirements
  - Capability and Capacity Available for Cross-Servicing
- Identify Intra-AF Realignment Candidates for Further Consolidation of AF Core T&E Capabilities
- Identify Potential Candidates for AF Realignment Based on Potential Outcome of Base/Installation Analysis
  - Most Cost Effective Option

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## Capacity and Capability Analysis Capability Assessment

T&E Function	AFFTC <sup>Ⓢ</sup> Edwards	AFFTC <sup>Ⓢ</sup> UTTR	AFDTC <sup>Ⓢ</sup> Eglin	AFDTC <sup>Ⓢ</sup> Holloman	475 WEG <sup>Ⓢ</sup> Tyndall	AEDC <sup>Ⓢ</sup> Arnold	REDCAP <sup>Ⓢ</sup> Buffalo	AFEWES <sup>Ⓢ</sup> Ft Worth
Air Vehicle	F		Ⓢ	Ⓢ	Ⓢ	Ⓢ		
Armaments/ Weapons		Ⓢ	F	Ⓢ	Ⓢ	Ⓢ		
Electronic Combat	Ⓢ		Ⓢ	Ⓢ			Ⓢ	Ⓢ

**F** = Full Capability to Support All Six Test Facility Categories of the Acquisition/Test Process  
**Ⓢ** = Partial Capability  
**Ⓢ** = Intra-AF Realignment/Consolidation Opportunities  
**Ⓢ** = Geographically Constrained or Not Cost Effective to Move

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## **AF Realignments & Consolidations** **Intra-AF Candidates**

- Air Vehicle
  - None
- Armaments/Weapons
  - AFFTC (UTTR) Capabilities
- Electronic Combat
  - REDCAP (Buffalo) and AFEWES (Ft Worth) Hardware-in-the-Loop Facilities/Workload
  - AFDTC/EMTE (Eglin) Open-Air Range Facilities/Workload

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## **Armament/Weapons Realignment** **AFFTC (UTTR)**

- Realign UTTR from AFMC T&E Range to ACC Training Range
  - Retain Minimum Capability to Support Training Requirements and Large Footprint Weapons T&E (e.g., Cruise Missile)
    - *Critical Air/Land Space*
    - *Mobile T&E Instrumentation/Support*
  - Transfer Workload to AFDTC (Eglin) and AFFTC (Edwards)
  - Downsize Personnel to Satisfy New Requirements
  - Dispose of Remaining Equipment/Instrumentation
- Rationale
  - 82% of Current Missions are Training (Only 18% T&E)
  - Most of Current T&E Can Be Accomplished With Existing Core T&E Capabilities (AFDTC and AFFTC)
  - Requirement to Retain Air/Land Space

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**Criteria IV & V**  
**AFFTC (UTTR) Realignment**

<u>1-Time</u> <u>Cost</u>	<u>20 YR</u> <u>NPV</u> <u>Savings</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u> <u>(Years)</u>	<u>Gov't</u> <u>Pers</u> <u>Savings</u>
\$3.2M	(\$179.9M)	\$12.4M	0	104

**Electronic Combat (EC) Realignment**  
**REDCAP/AFEWES/AFDTC (EMTE)**

- Realign REDCAP & AFEWES Hardware-In-The-Loop (HITL) and AFDTC/EMTE Open-Air-Range (OAR) Facilities
  - Move Workload and Required Equipment from REDCAP and AFEWES to AFFTC/BAF (Edwards) and AFDTC/GWEF (Eglin) Facilities
  - Move Required Threat Systems from AFDTC/EMTE (Eglin) to Nellis Complex
  - Disestablish REDCAP, AFEWES, and Dispose of Remaining Equipment
  - Retain Threat Emitters at AFDTC (Eglin) to Support AFSOC, AWC, and Armaments/Weapons T&E
- Rationale
  - Projected Workload/Requirement at REDCAP and AFEWES is 10% and 28% of their Respective Capacities
  - AF EC OAR Workload/Requirement Can Be Satisfied with One versus Two Ranges
  - Available Capacity at Existing Core AF T&E Activities to Absorb Workload

**Criteria IV & V**  
**REDCAP/AFEWES/AFDTC (EMTE) Realignment**

	<u>1-Time</u> <u>Cost</u>	<u>20 YR</u> <u>NPV</u> <u>Savings</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u> <u>(Years)</u>	<u>Gov't</u> <u>Pers</u> <u>Savings</u>
REDCAP	\$1.7M	(\$11.0M)	\$0.9M	1 yrs	2
AFEWES	\$5.8M	(\$5.8M)	\$0.8M	7 yrs	3
EMTE	\$2.2M	(\$31.4M)	\$2.6M	1 yr	0

- \*Realignments & Consolidations**  
**Potential Impacts on T&E**
- Air Vehicle
    - 475 WEG (Tyndall) Radar Test Facility
  - Armaments/Weapons
    - 475 WEG (Tyndall) Target Capabilities
    - AFDTC (Holloman) Capabilities
      - Inertial Guidance, RCS Measurement and High Speed Test Track
      - Flight Operations to Support Air Weapons Testing at WSMR (White Sands)
  - Electronic Combat
    - None
- \* Dependent on Air Force Decisions (Cost Effective Only if Required by Closure of Host Base)

## T&E JCSG Alternatives Overview

- 13 Alternatives (14 Realignment Opportunities)  
Jointly Developed by T&E JCSG Evaluated by AF
  - 6 Air Vehicle
  - 5 Armament/Weapons
  - 3 Electronic Combat
- AF Activities Scored Highest Functional Value in Each T&E Functional Area
  - Selected as Preferred Receiver by Optimization Model

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## T&E JCSG Alternatives Functional Values

### Air Vehicles

Activity	JCSG FV
AFFTC - Edwards	85
NAWC - Pax River	81
NAWC - Pt Mugu	69
AFDTC - Eglin	56
476WEG - Tyndall	49
UITR - Hill	48
AQTD - Edwards	48
EPG - Ft Huachuca	44
NAWC - China Lake	43
YPG - Yuma	35
ATTC - Ft Rucker	34
AFDTC - Holloman	33
NSWC - Dahlgren	25
NAWC - Indianapots	19
AEDC - Arnold	18
NAWC - Warminster	14

### Armaments/Weapons

Activity	JCSG FV
AFDTC - Eglin	82
NAWC - Pt Mugu	77
NAWC - Pax River	57
NAWC - China Lake	57
WSMR	50
AFDTC - Holloman	30
YPG - Yuma	29
NAWC - WSMR	25
RTTC - Redstone	21
NSWC - Dahlgren	17
AEDC - Arnold	16
NSWC - Indian Head	14
NSWC - Crane	13

### Electronic Combat

Activity	JCSG FV
AFDTC - Eglin	65
NAWC - Pt Mugu	58
NAWC - Pax River	53
AFFTC - Edwards	52
NAWC - China Lake	47
EPG - Ft Huachuca	47
AFDTC - Holloman	29
NSWC - Crane	17
AFEWES - Ft Worth	17
REDCAP - Buffalo	15

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## T&E JCSG Alternatives Air Vehicle

<b>T&amp;E JCSG Alternative</b>	<b>Realignment Opportunity</b>	<b>Capability/ Capacity Fit</b>	<b>Recommendation</b>
TE-1 (AV)	Ft Rucker Rotary Wing	Yes	Cross-Service Army at Edwards
TE-2 (AV)	AQTD Edwards Rotary Wing	Yes	Retain at Edwards
TE-3 (AV)	Indianapolis Measurement/Integration	No	Do Not Cross-Service
TE-4 (AV)	Dahlgren Measurements	No	(No AF Involvement)
TE-5 (AV)	Warminster Digital Sims	No	(No AF Involvement)
TE-6 (AV)	Tyndal Radar Test Facility	Partial	Intra-AF Realignment

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## T&E JCSG Alternatives Armaments/Weapons

<b>T&amp;E JCSG Alternative</b>	<b>Realignment Opportunity</b>	<b>Capability/ Capacity Fit</b>	<b>Recommendation</b>
TE-1 (AW)	Crane Ordnance Measurements	Yes	Cross-Service Navy at Eglin
TE-2 (AW)	Dahlgren Ordnance Measurements	Yes	Cross-Service Navy at Eglin
TE-3 (AW)	Indian Head Propulsion	Partial	Do Not Cross-Service Navy
TE-4 (AW)	Redstone Open Air Range	Yes	Cross-Service Army at Eglin
	Redstone Component Testing	Partial	Do Not Cross-Service Army

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## T&E JCSG Alternatives Electronic Combat

T&E JCSG Alternative	Realignment Opportunity	Capability/ Capacity Fit	Recommendation
* TE-1 (EC)	REDCAP, Buffalo NY	Partial	Intra-AF Realignment
* TE-2 (EC)	AFEWES, Ft Worth TX	Partial	Intra-AF Realignment
TE-3 (EC)	Crane Electromagnetics	No	(No AF Involvement)

\* "Requests for Data" Also Sent to the Navy

## T&E JCSG Alternatives Recap

- 14 Realignment Opportunities
  - 11 Identify AF As Potential Receiver
  - 3 Do Not Involve AF
- For 11 Realignments with AF As Potential Receiver
  - 3 Recommended for Intra-AF Realignments
    - 2 Evaluated for Cross-Servicing (w/Navy)
  - 5 Recommended for AF to Cross-Service
    - Capacity/Capability Fit (Beneficial to AF/DoD)
  - 3 Not Recommended for AF to Cross-Service
    - Partial to No Capacity Fit (No Benefit to AF/DoD)
- Above Consistent with AF Core T&E Capabilities
  - Appear to have no TOA or End Strength Implications

## T&E JCSG Alternatives Status

- AF (as Losing Service) Issued "Requests for Data" for TE-1 (EC)/REDCAP and TE-2 (EC)/AFEWES to Navy and Evaluated Response (Not Cost-Effective)
  - No Request Made for TE-6 (AV)/Tyndall Radar Test Facility Since Predominantly AF Unique to F-15 & F-16
- Army Has Requested Data for All 4 of its T&E JCSG Alternatives (As Losing Service)
  - AF has Responded and Offered to Cross-Service 3 of 4 Opportunities Within Available AF Capability/Capacity
- Navy Has Not Requested Data for Any of its 7 T&E JCSG Alternatives to Date (As Losing Service)

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## Criteria IV & V

### Evaluation of TE-1 (EC)/REDCAP & TE-2 (EC)/AFEWES

<u>T&amp;E JCSG</u> <u>Alternative</u>	<u>Potential</u> <u>Receiver</u> <u>Sites</u>	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV</u> <u>Savings</u>	<u>Steady</u> <u>State</u> <u>Savings</u>	<u>ROI</u> <u>(Years)</u>	<u>Gov't</u> <u>Pers</u> <u>Savings</u>
TE-1 (EC)/REDCAP						
	* EDWARDS	1.7	(11.0)	0.9	1	2
	PAX	3.9	(7.3)	0.8	4	0
	PT MUGU	4.8	<del>2.7</del>	<del>(0.1)</del>	100+	2
TE-2 (EC)/AFEWES						
	* EDWARDS	5.8	(5.8)	0.8	7	3
	PAX	6.1	(0.9)	0.5	14	0
	PT MUGU	10.7	<del>6.5</del>	0.3	100+	2

\* Most Cost-Effective Option

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## Part I: Summary

- AF Core T&E Capabilities/Workload to Support AF Mission Already Consolidated for Air Vehicles (AFFTC, Edwards AFB) and Armaments/Weapons (AFDTC, Eglin AFB) to Extent Possible with Few Exceptions
  - Exceptions Addressed in Intra-AF Realignments
- AF Core T&E Capability/Workload for Electronic Combat Fragmented
  - Consolidation to Minimum Number of Activities/Sites Addressed in Intra-AF Realignments
  - Two T&E JCSG Cross-Servicing Opportunities Evaluated with Navy (i.e. REDCAP and AFEWES), But Not Cost-Effective
- Significant Opportunities for Intra-Service Consolidation Exists Within Navy and Army
  - Presumably Will Be Addressed in their Intra-Service Analyses

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## Tri-Service T&E Activities

T&E Functional Area	AF*	Navy	Army
AV	AFFTC, Edwards	NAWC, Pax River NAWC, Ft Meigs NAWC, Indianapolis NAWC, China Lake NAWC, Dahlgren NAWC, Warnerator	Yuma Proving Grounds ATTC, Ft Rucker AQTD, Edwards EPG, Ft Huachuca
A/W	AFDTC, Eglin	NAWC, Pax River NAWC-WD, China Lake NAWC-WD, Ft Meigs NAWC, WSMR NSWC, Crane NSWC, Dahlgren NSWC, Indian Head	WSMR YPG RTTC, Redstone
EC	AFFTC, Edwards Nellis Complex	NAWC-WD, China Lake NAWC-AD, Pax River NSWC, Crane NAWC, Indianapolis NAWC, Ft Meigs	WSMR EPG, Ft Huachuca
DoD/ National Facilities	AEDC, Arnold AFDTC, Holloman		

\* After Intra-AF Realignments

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## Part I: Summary (cont'd)

- T&E JCSG Alternatives Integrated Into AF Analysis and Opportunities for Cross-Servicing Being Evaluated
  - 2 Requests to Navy to Cross-Service AF
  - 3 Offers By AF to Cross-Service Army
  - No Requests from Navy to Cross-Service
- Intra-AF Consolidations of Core T&E Capabilities Eliminates All Excess Capacity Linked to Infrastructure Savings
  - Remaining Excess Represents "Sunk Costs" and Is Capacity Available for Future Workload/Surge and Cross-Servicing
- AF Already Providing Significant Cross-Servicing Using AF Core T&E Capabilities
  - AFFTC (Edwards AFB)
  - AFDTC (Eglin AFB)
  - AEDC (Arnold AFB)

## AF Current Cross-Servicing

- AFFTC (Edwards AFB CA)
  - Army's Rotary Wing AQTID at Edwards
  - NASA Flight Operations
  - Space Shuttle
- AFDTC (Eglin AFB FL)
  - Army's Hellfire Test Complex
  - Joint AF/Army Munitions T&E ("Chicken Little")
- AFDTC (Holloman AFB NM)
  - Central Inertial Guidance Test Facility (CIGTF)
  - High Speed Test Track (HSTT)
  - Flight Operations and Full Scale Aerial Target Support for Army's WSMR
- AEDC (Arnold AFB TN)
  - Wind Tunnels and Propulsion Facilities

## **Air Force T&E Analysis**

### **Part II: Completion of JCSG Analysis Plan**

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## **Purpose**

- **Present Results of AF Analysis Based on Completion of T&E JCSG Analysis Plan**
  - **Identify Cross Servicing Opportunities Between T&E "Core" Activities for Each T&E Functional Area**
  - **Address T&E Co-Chairs Alternatives**

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## Part II: Outline

- Background
- T&E JCSG Analysis Process
- T&E Functional Analysis/Results
  - Electronic Combat
  - Air Vehicle
  - Armament/Weapons
- T&E JCSG Co-Chair Alternatives
- Cost Analysis
- Summary

## Background

- T&E JCSG Analysis Plan Was Not Completed IAW Approved Plan
  - “Core” Activities Not Analyzed for Realignment
  - Last Steps in Process Deferred to MILDEPs
- Jointly Developed T&E JCSG Alternatives Only Addressed “Non-Core” Activities
  - Movement of Workload/Capabilities Between “Core” Activities Not Allowed
  - Excess Capacity Among “Core” Activities Not Addressed
- T&E JCSG Co-Chairs Provided Additional Alternatives to Address “Core” Activities
  - Since No Analysis to justify Alternatives Provided, AF Did Not Respond
  - Led to AF Completing T&E JCSG Analysis Plan on its own to Provide Basis for Alternatives Addressing “Core” Activities

## **Background (Cont'd)**

- Last Steps of Analysis Crucial to the Development of Viable Alternatives
  - Capacity/Capability Fits at Test Facility Level
  - Concept of Operations (CONOPS) Agreeable by Affected Services
  - T&E JCSG Policy Imperatives (i.e., Preserve DoD Capabilities to Satisfy Current/Future Test Requirements)
  - Cost Effective
- AF Has Completed T&E JCSG Analysis Plan at the "Test Facility" Level Using Certified Data
  - Addressed Realignment/Consolidations Between "Core" Activities

## **T&E JCSG Analysis Plan** **Overall Approach**

- Optimization Model Outputs From the T&E JCSG Approved Runs Used as Point of Departure
  - Analysis Conducted For Each Functional Area Separately (i.e., AV, A/W & EC) IAW Approved Process
  - Analysis Conducted at "Test Facility" Level
- Model Outputs for MAXSFV(MINSITES) Used to Assign Workload
  - Maximizes Workload Weighted Functional Value for the "MINSITES" Solution
  - Other Objective Function Runs Used to Establish Benchmarks and Validate MAXSFV(MINSITES) Solution
    - "MINSITES" Provides Fewest Sites that Can Accomodate Workload
    - "MINXCAP" Provides the Minimum Excess Capacity Possible Regardless of FV
    - "MINNMV" Assigns Workload Based on MV versus FV
    - "MAXSFV (W=0)" and "MAXSFV (W=95)" Vary Workload Weights Applied to FV to Assess Sensitivity

**T&E JCSG Analysis Plan**  
**Overall Approach (Cont'd)**

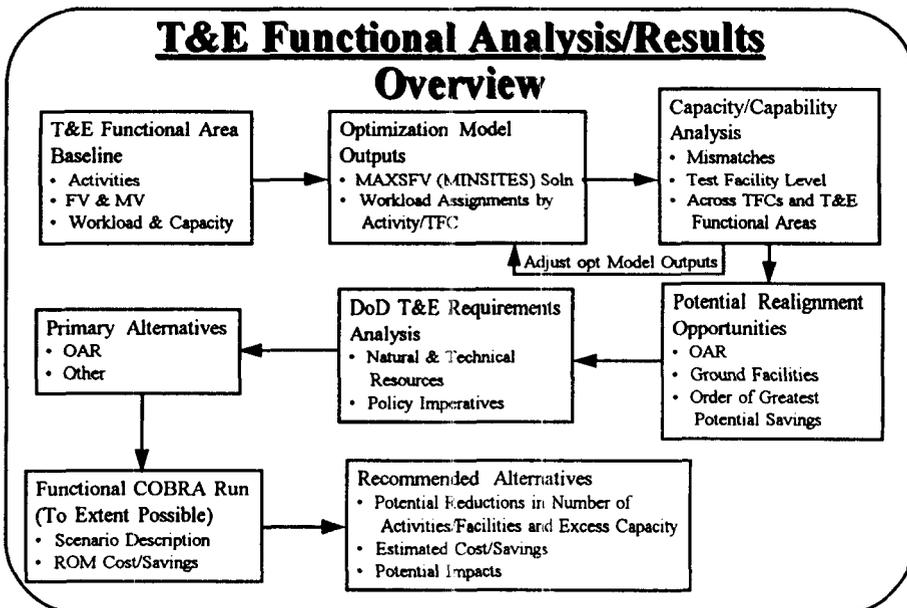
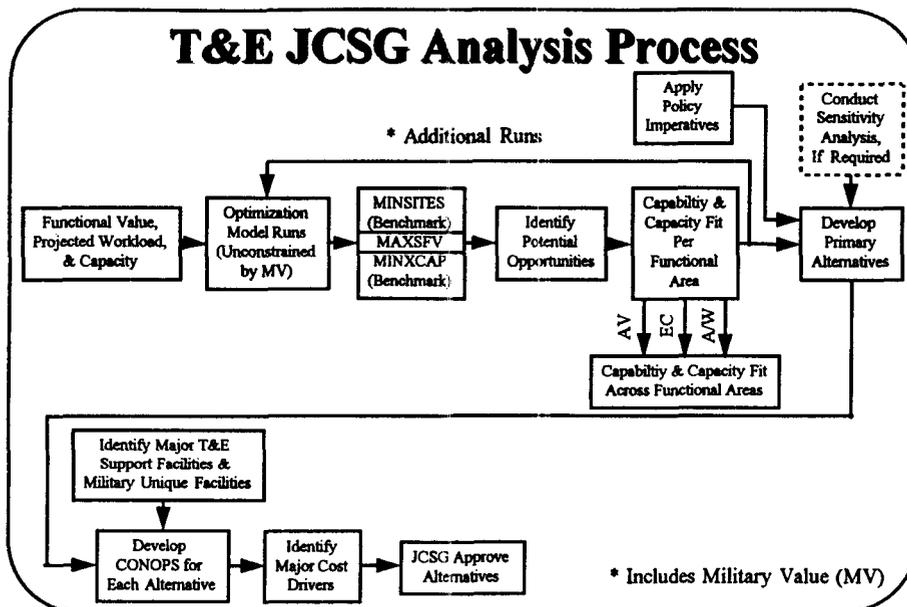
- Capability and Capacity Mismatches Identified at the "Test Facility" Level
  - Optimization Model Output Adjusted
- Opportunities to Realign Across Test Facility Categories (TFCs) and T&E Functional Areas (i.e., AV, A/W & EC) Identified
  - Optimization Model Output Adjusted
- Optimization Model Adjustments Based on the Following Ground Rules
  - Move Workload to Activity With Highest FV and Capabiltiy to Conduct Testing
    - Unless Compelling Reason to do Otherwise, in Which Case Must Be Justified
  - Maintain Unique Test Capabilities
  - Preserve Test Process

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**T&E JCSG Analysis Plan**  
**Overall Approach (Cont'd)**

- Potential Opportunities Evaluated Against DoD T&E Requirements (Covered by T&E JCSG Policy Imperatives)
  - Primary Alternatives Identified
  - Major Cost Drivers Identified Using Certified Replacement Values as Guide
- Rough Order of Magnitude (ROM) Functional COBRA Analysis Conducted
  - Certified Data Used Wherever Available
  - Remaining Data Based on Expert Judgment

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**EC T&E Baseline  
DoD Workload (Test Hours)**

<u>Activity</u>	<u>Functional</u>						
	<u>Value</u>	<u>DM&amp;S</u>	<u>MF</u>	<u>IL</u>	<u>HITL</u>	<u>ISTF</u>	<u>OAR</u>
AFDTC Eglin	65		2390			761	899
NAWC Pt Mugu	58		487	459	223		
NAWC Pax River	53		148			2843	
AFFTC Edwards	52			3088			758
NAWC China Lake	47		2311	1770			745
EPG	47	246	858				369
AFDTC Holloman	29		6091				
AFDTC AFEWES	17				2524		
NSWC Crane	17		4344				
AFDTC REDCAP	15				86		

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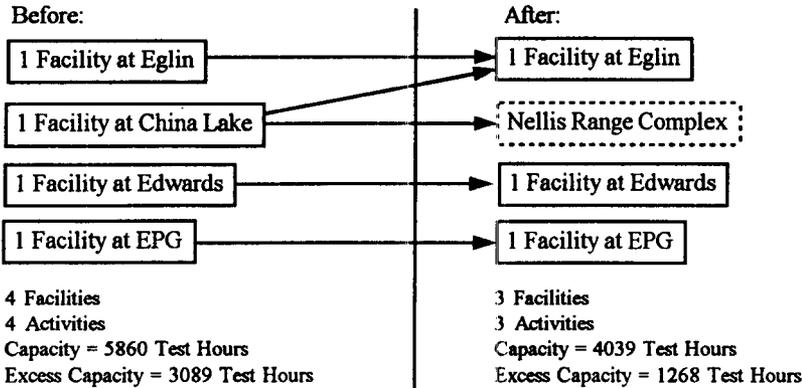
**Optimization Model Output (Test Hours)  
Electronic Combat**

<u>Activity</u>	<u>Functional</u>						
	<u>Value</u>	<u>DM&amp;S</u>	<u>MF</u>	<u>IL</u>	<u>HITL</u>	<u>ISTF</u>	<u>OAR</u>
<b>AFDTC, Eglin AFB</b>	<b>65</b>		<b>2902</b>			<b>2202</b>	<b>1978</b>
<b>NAWC, Pt Mugu</b>	<b>58</b>		<b>98</b>	<b>850</b>	<b>420</b>		
<b>NAWC, Pax River</b>	<b>53</b>		<b>0</b>			<b>1402</b>	
<b>AFFTC, Edwards AFB</b>	<b>52</b>			<b>4467</b>			<b>112</b>
<b>NAWC, China Lake</b>	<b>47</b>		<b>0</b>	<b>0</b>			<b>0</b>
<b>EPG</b>	<b>47</b>	<b>246</b>	<b>1924</b>				<b>0</b>
<b>AFDTC, Holloman</b>	<b>29</b>		<b>8402</b>				
<b>AFDTC, AFEWES</b>	<b>17</b>				<b>2413</b>		
<b>NSWC, Crane</b>	<b>17</b>		<b>3303</b>				
<b>AFDTC, REDCAP</b>	<b>15</b>				<b>0</b>		

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### Capability/Capacity Analysis for EC T&E Open Air Ranges

Mismatches: Nellis Range Complex, Egin and China Lake Have Comparable Capabilities;  
Edwards Has No Threat Simulators, and EPG is Primarily a C<sup>3</sup> Test Capability



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### Capability/Capacity Analysis for Electronic Combat T&E Adjusted Optimization Model Workload (Test Hours)

Activity	Functional						
	Value	DM&S	MF	IL	HITL	ISTF	OAR
AFDTC, Eglin AFB	65		3000			761	963
NAWC, Pt Mugu	58		0	0	0		
NAWC, Pax River	53		0			6369	
AFFTC, Edwards AFB	52			3088		2610	1127
NAWC, China Lake	47		0	2229			0
EPG	47	246	1924				0
AFDTC, Holloman	29		8402				
AFDTC, AFEWES	17				0		
NSWC, Crane	17		0				
AFDTC, REDCAP	15				0		

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## EC T&E Potential Realignment Opportunities

- **Non-Core (JCSG) Alternatives**
  - TE-1 (EC): Realign HITL at AFDTC Buffalo (REDCAP)
  - TE-2 (EC): Realign HITL at AFDTC Ft Worth (AFEWES)
  - TE-3 (EC): Realign EM Effects MF at NSWC Crane
- **Core**
  - Core-1 (EC): Realign NAWC China Lake OAR to Nellis Range Complex and AFDTC Egin
  - Core-2 (EC): Realign NAWC China Lake RCS MF to AFDTC Holloman
- **Additional Core**
  - Realign Signature MF from NAWC Pt Mugu to AFDTC Egin
  - Realign Communications MF from NAWC Pax River to EPG
  - Realign IL from NAWC Pt Mugu to NAWC China Lake
  - Realign HITL from NAWC Pt Mugu to ISTF at NAWC Pax River
  - Realign OAR from EPG to AFFTC Edwards

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## Recap Electronic Combat T&E

Option	Activities	Facilities	DoD Capacity (Test Hours)	DoD Excess Capacity (Test Hours)	Comments
Baseline	10	24	64909	33501	
Non-Core (JCSG) Alternatives	7 <30%>	22 <8%>	52284 <19%>	21244 <36%>	Non-Core Realigned
Core-1 (EC) (OAR)	7 <30%>	21 <12%>	50463 <22%>	19744 <40%>	Non-Core Realigned Plus OAR Consolidation
Core-2 (EC) (RCS MF)	7 <30%>	20 <17%>	46980 <28%>	16261 <51%>	Non-Core Realigned Plus OAR & RCS MF Consolidation
Add'l Alternatives *	6 <40%>	14 <42%>	43389 <33%>	12670 <62%>	Core and Non-Core Realigned

\* Maximum Reductions Achievable

<> = % Reduction

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**Armament/Weapons T&E Baseline  
DoD Workload (Test Hours)**

Activity	Functional						
	Value	DM&S	MF	IL	HITL	ISTF	OAR
AFDTC Eglin	82	39,324	13,144		12,085	168	7,598
NAWC Pt Mugu	77	3,916	18,275	5,774	39,225		4,068
NAWC China Lake	57	12,065	45,387	7,594	1,357		2,169
NAWC Pax River	57					624	
WSMR	50		7,608				13,275
AFDTC Holloman	30		5,129				
YPG	29		127				2,055
NAWC WSMR	25						1,791
RTTC	21		30,089				786
NSWC Dahlgren	17		954				
AEDC Arnold	16		2,107				
NSWC Indian Head	14		2,196				
NSWC Crane	13		1,142				

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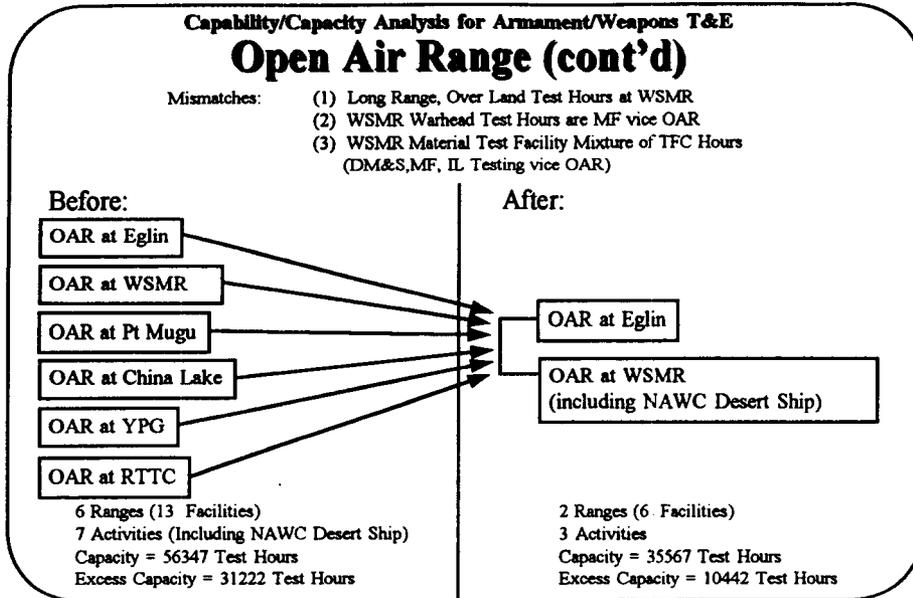
**Optimization Model Output  
Armament/Weapons Workload (Test Hours)  
MAXSFV (MINSITES)**

Activity	Functional						
	Value	DM&S	MF	IL	HITL	ISTF	OAR
AFDTC Eglin	82	55,305	29,523		18,611	443	16,036
NAWC Pt Mugu	77	0	59,481	11,916	34,056		11,609
NAWC China Lake	57	0	24,782	1,452	0		3,986
NAWC Pax River	57					349	
WSMR	50		396				111
AFDTC Holloman	30		11,221				
YPG	29		0				0
NAWC WSMR	25						0
RTTC	21		0				0
NSWC Dahlgren	17		0				
AEDC Arnold	16		755				
NSWC Indian Head	14		0				
NSWC Crane	13		0				

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**Capability/Capacity Analysis for Armament/Weapons T&E**  
**Adjusted Optimization Model Workload (Test Hours)**

Activity	Functional						
	Value	DM&S	MF	IL	HITL	ISTF	OAR
AFDTC Eglin	82	55,305	28,736		16,667	792	16,036
NAWC Pt Mugu	77	0	39,010	0	(1) 0		0
NAWC China Lake	57	0	13,609	13,368	0		0
NAWC Pax River	57					0	
WSMR	50		20,278				(2) 7,298
AFDTC Holloman	30		21,812				
YPG	29		0				0
NAWC WSMR	25						1,791
RTTC	21		0				0
NSWC Dahlgren	17		0				
AEDC Arnold	16		2,107				
NSWC Indian Head	14		0				
NSWC Crane	13		0				

Note: (1) Plus 36,000 Test Hours (DM&S, MF, IL Combination)  
 (2) Plus 6,246 Test Hours (DM&S, MF, IL Combination)

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### Armament/Weapons T&E Potential Realignment Opportunities

- **Non-Core (JCSG) Alternatives**
  - TE-1 (A/W): MF Workload from NSWC Crane
  - TE-2 (A/W): MF Workload from NSWC Dahlgren
  - TE-3 (A/W): MF Workload from NSWC Indian Head
  - TE-4 (A/W): MF and OAR Workload from RTTC
- **Core Alternatives**
  - Core-1 (AW): OAR Workload from NAWC Pt Mugu, China Lake, and YPG to AFDTC Egin and WSMR
- **Additional Core**
  - Realign Ground Facilities
    - Impacts Navy and Army Weapons R&D, Surface-to-Surface T&E, etc.

### Recap Armament/Weapons T&E

Options	Activities	Facilities	DoD Capacity (Test Hours)	DoD Excess Capacity (Test Hours)	Comments
Baseline (Adjusted)	13	79	549,291	270,236	
Non-Core (JCSG) Alternatives	9 <31%>	68 <14%>	495,823 <10%>	216,768 <20%>	Non-Core Realigned
Core-1 (A/W) OAR Realignment	9 <31%>	62 <22%>	476,231 <13%>	197,176 <27%>	Non-Core Realigned Plus MRTFB OAR Consolidation
Add'l Core Ground Facility Realignment *	6 <54%>	37 <53%>	359,594 <35%>	80,539 <70%>	Core and Non-Core Realigned

\* Maximum Reductions Achievable

<> = % Reduction

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**Air Vehicles T&E Baseline  
DoD Workload (Test Hours)**

Activity	Functional						
	Value	DM&S	MF	IL	HITL	ISTF	OAR
AFFTC, Edwards	85	270	2360	69485		121	7583
NAWC, Pax River	81		27288	2275	112239	9553	7661
NAWC, Pt Mugu	69		327				1679
AFDTC, Eglin	58		4911				
476 WEG, Tyndall	47				1932		
UTTR, Hill	46						1940
AQTD, Edwards	46						1258
EPG, Ft Huachuca	44		398				277
NAWC, China Lake	43		1830				
YPG, Yuma	35		131				3404
ATTC, Ft Rucker	34						3776
AFDTC, Holloman	33		27530				
NSWC, Dahlgren	25		943				
NAWC, Indianapolis	19		16324	10046			
AEDC, Arnold	18		2569				
NAWC, Warminster	14	1003					

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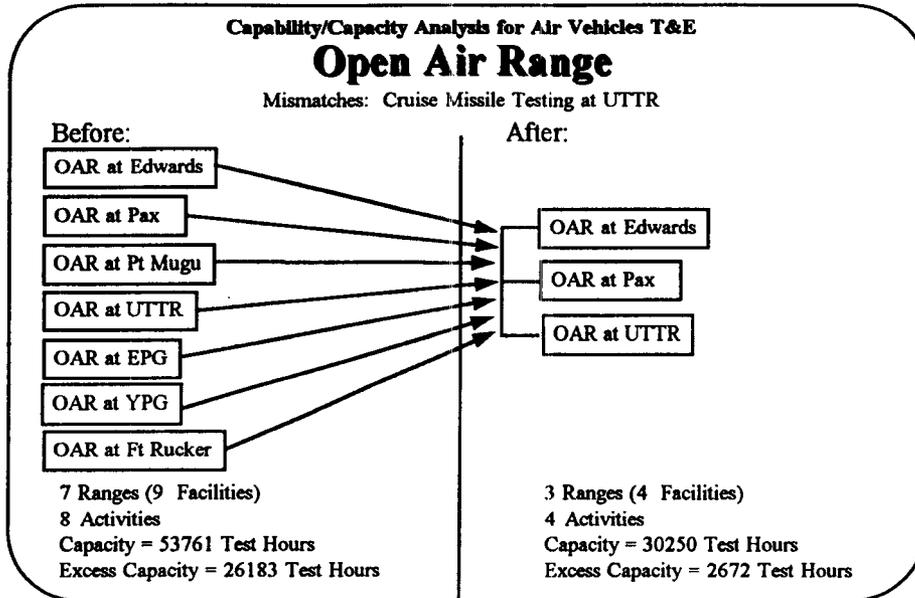
**Optimization Model Output (Test Hours)  
Air Vehicles T&E**

Activity	Functional						
	Value	DM&S	MF	IL	HITL	ISTF	OAR
AFFTC, Edwards	85	1273	3392	81806		1968	11998
NAWC, Pax River	81		30703	0	114171	7706	12246
NAWC, Pt Mugu	69		575				3334
AFDTC, Eglin	58		0				
476 WEG, Tyndall	47				0		
UTTR, Hill	46						0
AQTD, Edwards	46						0
EPG, Ft Huachuca	44		0				0
NAWC, China Lake	43		0				0
YPG, Yuma	35		0				0
ATTC, Ft Rucker	34						0
AFDTC, Holloman	33		27985				
NSWC, Dahlgren	25		943				
NAWC, Indianapolis	19		21013	0			
AEDC, Arnold	18		0				
NAWC, Warminster	14	0					

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**Capability/Capacity Analysis for Air Vehicles T&E**  
**Adjusted Optimization Model Workload (Test Hours)**

Activity	Functional						
	Value	DM&S	MF	IL	HITL	ISTF	OAR
AFFTC, Edwards	85	270	2360	71417		121	13395
NAWC, Pax River	81		27405	11065	130822	10496	9340
NAWC, Pt Mugu	69		0				0
AFDTC, Eglin	58		5238				
476 WEG, Tyndall	47				0		
UTTR, Hill	46						2217
AQTD, Edwards	46						2626
EPG, Ft Huachuca	44		0				0
NAWC, China Lake	43		2095				
YPG, Yuma	35		0				0
ATTC, Ft Rucker	34						0
AFDTC, Holloman	33		27677				
NSWC, Dahlgren	25		0				
NAWC, Indianapolis	19		0	0			
AEDC, Arnold	18		2569				
NAWC, Warminster	14	0					

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## Air Vehicles T&E Potential Realignment Opportunities

- Non-Core (JCSG) Alternatives
  - TE-1 (AV): Realign Ft Rucker Rotary Wing OAR to YPG
  - TE-2 (AV): Realign AQTDR Rotary Wing OAR to YPG
  - TE-3 (AV): Realign NAWC, Indianapolis ILs to Pax River and Realign NAWC, Indianapolis Product Quality Assurance MF to TBD
  - TE-4 (AV): Realign NSWC, Dahlgren EM Vulnerability MF to Pax River
  - TE-5 (AV): Realign NAWC, Warminster DM&S Centrifuge to Pax River
  - TE-6 (AV): Realign Tyndall RADAR Test HITL to Another Air Force Activity
- Core Alternative
  - Core-1 (AV): Consolidate OAR Workload into Three MRTFB Ranges: AFFTC Edwards, NAWC Pax River, and UTTR Hill
- Additional Core:
  - Sea Level Climatic Workload from Pt Mugu to McKinley Climatic Lab, Eglin

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## Recap Air Vehicle T&E

Options	Activities	Facilities	DoD Capacity (Test Hours)	DoD Excess Capacity (Test Hours)	Comments
Baseline	16	51	509,612	190,499	
Non-Core (JCSG) Alternatives	10 <37%>	46 <10%>	486,210 <5%>	167,097 <12%>	Non-Core Realigned
Core-1 (AV) OAR Realignment	10 <37%>	42 <18%>	474,965 <7%>	155,852 <18%>	Non-Core Realigned Plus MRTFB OAR Consolidation
Add'l Alternative *	9 <44%>	41 <20%>	474,390 <7%>	155,604 <18%>	Core and Non-Core Realigned

\* Maximum Reductions Achievable

<> = % Reduction

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## **T&E Functional Analysis/Results**

### **Recap**

- Realign DoD Air Vehicles T&E Into AFFTC (Edwards) and NAWC (Pax River), to Include Rotary Wing
  - Both Required to Satisfy DoD Requirements
- Realign DoD A/W OAR T&E Into AFDTC (Eglin) and Army WSMR
  - Both Required to Satisfy DoD Requirements
  - Retain Navy Ground Facilities to Support Weapons R&D
- Realign EC OAR T&E from NAWC (China Lake) to Nellis Complex and AFDTC (Eglin)
  - Combined with Consolidation of EC Ground Facilities at AV Principal Sites, Satisfies DoD Requirements
- Retain Required Specialty Sites to Support Above
  - AEDC
  - AFDTC (Holloman)
  - UTTR (Air/Land Space)

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## **T&E JCSG Co-Chair Alternatives**

**(22 Nov 94 Transmittal Memo)**

- Co-Chair Alternatives Address Either/Or Options Which Include Realignment of All T&E (AV, A/W, & EC) Between "Core" Activities
  - AFFTC (Edwards) vs NAWC (Pax River)
  - AFDTC (Eglin) vs NAWC (China Lake)
  - NAWC (Pt Mugu) to NAWC (China Lake) or AFDTC (Eglin)
  - Army Rotary Wing T&E (Ft Rucker & AQTID/Edwards) to AFFTC (Edwards) or NAWC (Pax River)
    - Only If Fixed Wing AV T&E Consolidated at One Site

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## T&E JCSG Co-Chair Alternatives Assessment

Primary T&E Areas	Control Number	Proposed Realignment Alternative	Supported by Analysis	* Alternative Based on Analysis
AV (Rotary Wing)	T&E-1 T&E-4 T&E-7**	NAWC (Pax) to AFFTC (Edwards) AFFTC (Edwards) to NAWC (Pax) ATTTC (Ft Rucker)/AQTD (Edwards) to AFFTC (Edwards) or NAWC (Pax)	No No Yes	• Realign to AFFTC (Edwards) and NAWC (Pax)
AW & EC	T&E-2 T&E-3 T&E-6 T&E-5	AFDTC (Eglin) to NAWC (CL) NAWC (CL) to AFDTC (Eglin) NAWC (Pt Mugu) to AFDTC (Eglin) NAWC (Pt Mugu) to NAWC (CL)	No Yes Yes No	• Realign NAWC (CL) and NAWC (PM) A/W into AFDTC (Eglin) • Realign NAWC (CL) EC OAR to Nellis Complex and AFDTC (Eglin)

- \* Based on Completion of T&E JCSG Analysis Plan
- \*\* Only if Fixed Wing AV T&E Consolidated at One Site

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## T&E Cost Analysis Assumptions

- ROUGH ORDER OF MAGNITUDE (ROM) COST ESTIMATE BASED ON
  - CERTIFIED DATA (E.G., T&E FACILITIES, MANPOWER, EQUIPMENT)
  - EXPERT JUDGEMENT FOR REMAINDER
  - I&M, MAINTENANCE YEARLY AVERAGE FOR CONTINUING COST OF OPERATION
- COBRA USED FOR ANALYSIS
- CONCEPT OF OPERATIONS:
  - AW/AV OAR - OPERATE AS DET
  - EC OAR/MF - ASSIMILATE INTO CURRENT OPS

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## T&E Cost Analysis Scenarios

- **Electronic Combat (EC):**
  - OAR - Core-1 (EC): Move China Lake EC Range Sea threat assets to Eglin (Aircraft not included).
  - MF - Core-2 (EC): Move China Lake Junction Ranch workload to Holloman.
- **Armament/Weapons (A/W):**
  - OAR - Core-1 (AW): Move all China Lake and Pt Mugu OAR to Eglin to include aircraft from both bases. (includes AFJ-2 (EC))
    - Yuma OAR not included since aircraft for AW and AV not identified and AW workload predominantly surface-to-surface plus other activities.
- **Air Vehicles (AV):**
  - OAR - Core-1 (AV): Move rotary wing T&E from Ft Rucker to Edwards
    - Yuma AV OAR not included for same reason as above

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## T&E Cost Analysis Summary

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV</u> <u>(\$M)</u>	<u>Steady</u> <u>State</u> <u>Savings (\$M)</u>	<u>ROI</u> <u>(Yrs)</u>	<u>Govt</u> <u>Pers</u> <u>Savings</u>
<b>Electronic Combat (EC)</b>					
OAR Core-1 (EC)	7.4	(129.8)	11.0	0	108
MF Core-2 (EC)	0.3	(13.7)	0.9	0	16
<b>Armament/Weapons (A/W)</b>					
OAR - Core-1 (A/W) (INCLUDES Core-1 (EC))	50.3	(2315.7)	178.1	0	1494 *
<b>Air Vehicles (AV)</b>					
OAR - Core-1 (AV)	2.6	\$18.3\$	(1.7)	NEVER	0 **

\* Requires End Strength Adj of 53 Mil & 32 Civ + \$4.1M/Yr TOA for BOS

\*\* Requires End Strength Adj of 5 Mil & 4 Civ + \$0.6M/Yr TOA for BOS

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## **Part II: Summary**

- **Only Parts of T&E JCSG Co-Chair Alternatives Supported by Analysis of T&E JCSG Data**
  - In All Cases, AF Preferred Receiver Site
- **Significant Reductions in Excess Capacity Possible Through Implementation of T&E JCSG Alternatives for “Non-Core” Activities**
  - Combined with Intra-Service Realignment Opportunities, Significantly More Reductions possible
- **Significant Cost/Savings Possible By Implementing Alternatives for “Core” T&E Activities, as well as Further Reductions in Excess Capacity**
  - OAR Alternatives Provide Greatest potential for Savings
  - Ground Facility Alternatives Offer Decreasing Potential for Savings, and Greatest impact on Other Mission Areas (e.g., S&T, R&D, ISE, etc.)

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## **Air Force T&E Analysis**

**Part III: Analysis of RDT&E Alternatives for Armament/Weapons, Propulsion, and Energetics**

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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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## LJCSG RDT&E Integration Concept

	Labs		FV	FC	Load	T&E Sites
<b>Common Support Function(s)</b>						
	Lab A		↑			T&E A
	Lab B			↗		T&E B
	Lab C					T&E C
	Lab D					
<b>Common Support Function</b>						
	Lab A					T&E A
	Lab B					T&E B
	Lab C					T&E C
<b>Look Across Sub-Categories (Macro View)</b>						

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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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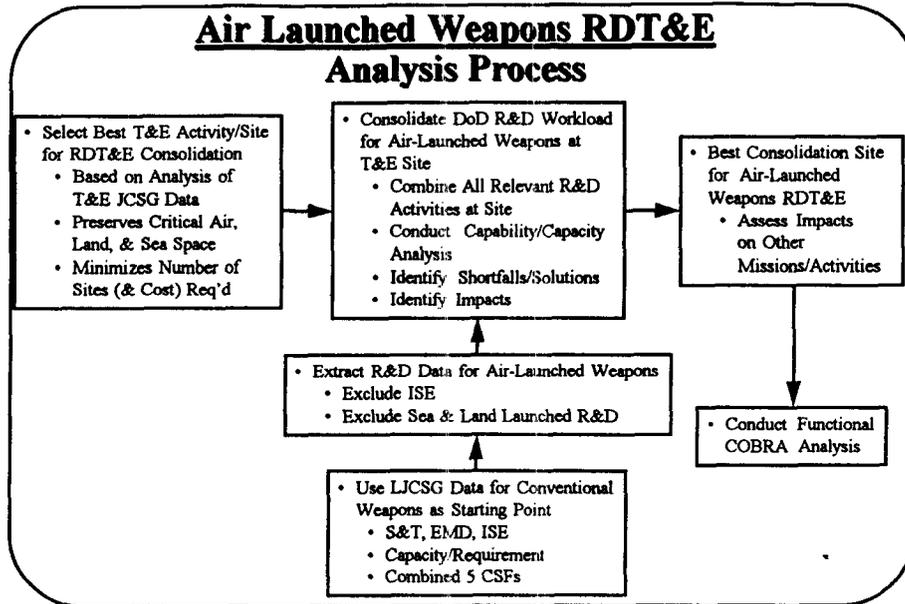
## **Air Launched Weapons RDT&E Scope**

- 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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### Air Launched Weapons RDT&E \*Best T&E Activity/Site

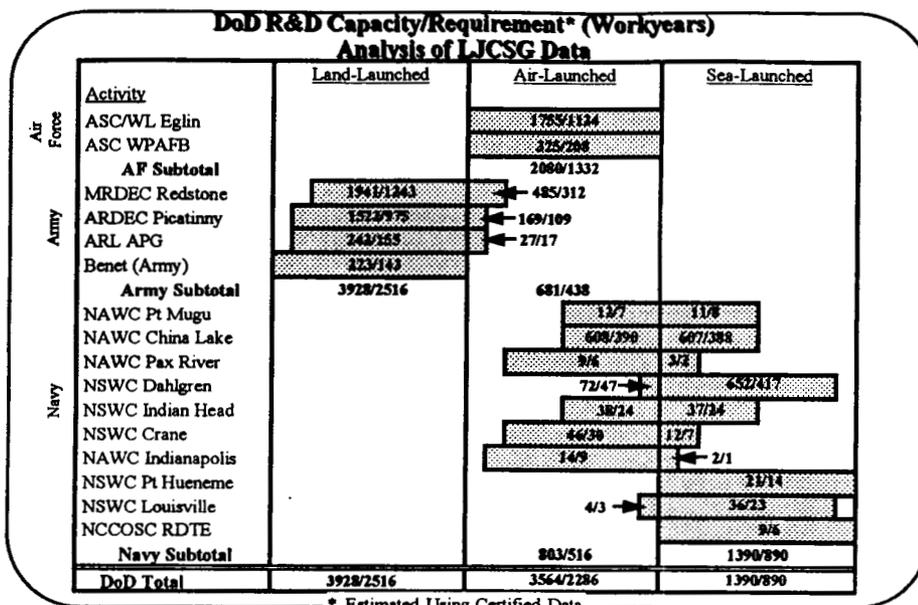
	Requirement	AFDTC (Eglin)	NAWC (China Lake)
Functional Value		82	57
OAR Capacity (Test Hours)	N/A	16,036	3,986
A/W Flight Tests Per Year	N/A	582	118
Air Space (sq mi)	50,000	93,143	19,445
DoD Land Space (sq mi)	<sup>(1)</sup> 21,000	724	1693
Sea Space (sq mi)	50,000	91,998	None
Max Straight Line (nm)	A-A = 220	<sup>(2)</sup> 478	60
	A-S = 350	478	60
	S-A = 240	<sup>(2)</sup> 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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**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 795 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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**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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**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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## 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)

## ENERGETICS - PROPULSION T&E CAPABILITIES

Site	Replacement Value (\$M)	Ambient Facilities				Altitude	Altitude Facilities			
		Liquids		Solids			Liquids		Solids	
		No.	Thrust (lbf)	No.	Thrust (lbf)		No.	Thrust (lbf)	No.	Thrust (lbf)
PL	\$ 88.80	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	6	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 10,000 K lbf, but not demonstrated and not instrumented

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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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## **Summary**

- AF Core T&E Capabilities/Workload Consolidated to Maximum Extent Possible Based on Intra-AF Analysis
  - Eliminates All Excess Capacity Linked to I/S Savings
  - Leaves Capability/Capacity For Cross-Servicing
  - T&E JCSG Cross-Servicing Opportunities Being Worked
- Completion of T&E JCSG Analysis Plan Shows That AF T&E Activities Are Preferred Consolidation Sites
  - Subset of T&E JCSG Co-Chair Alternatives
  - Significant Cost/Savings and Reductions in Excess Capacity Achievable Beyond T&E JCSG Alternatives
  - Could Have TOA and End Strength Implications

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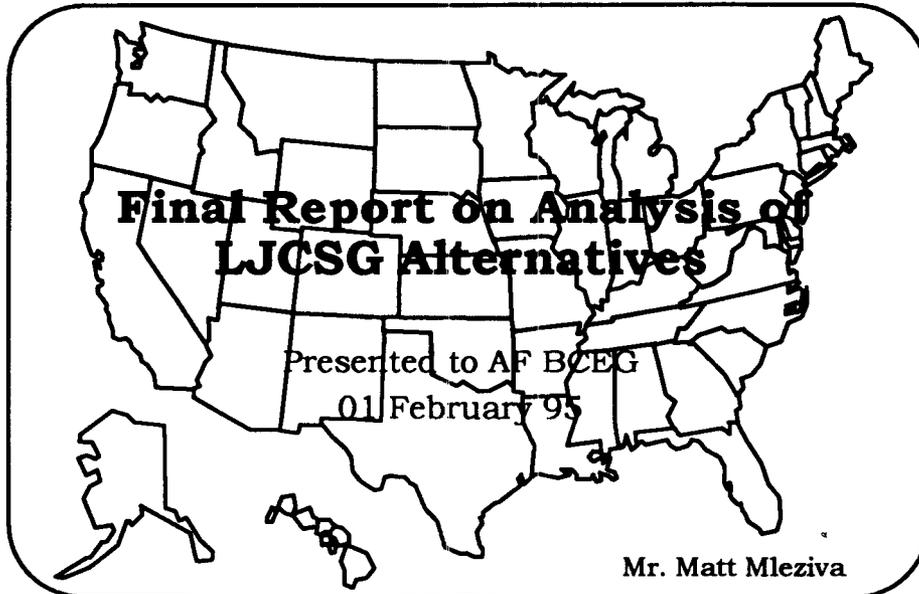
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## **Summary (Cont'd)**

- **Combined Lab/T&E Analysis of LJCSG Chair Alternative to Consolidate RDT&E of Conventional Weapons Shows Eglin Better Consolidation Site (versus China Lake)**
  - Energetics-Explosives an Integral Part
- **Similar Analysis for Energetics-Propulsion Shows PL(Edwards) Better Consolidation Site (versus China Lake)**
  - Combined with AEDC, Provides Capability to Satisfy DoD Requirements
- **Significant Opportunities for Intra-Navy and Intra-Army Consolidations**
  - Intra-Service Consolidations Should Be a Prerequisite Before Inter-Servicing Considered

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## Background

- LJCSG Memo #3 (21 Nov 94)
  - Functional Analysis Complete
  - Transmitted to OSD (14 Dec 94)
  - COBRA Analysis Outstanding
- DDR&E Memo #4 (29 Nov 94)
  - ASD(ES) Memo (27 Dec 94) Validates
  - Functional & Cobra Analysis Outstanding

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## **LJCSG Memo #3 Cross-Servicing Alternatives**

- Navy to Air Force
- Army to Air Force
- Air Force to Army/Navy

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## **Navy to Air Force Cross-Servicing**

<b>CSE/Life Cycle</b>	<b>Cross-Service</b>	<b>Status</b>
02-Fixed Propulsion/ST	Consolidate NAWC-Pax & China Lake at WL-WPAFB	No Navy Request Received
17-Satellite/ED	Consolidate NRL, NCCOSC, & Dahlgren work at SMC-LAAFB	NRL Response Provided No NCCOSC or Dahlgren Request Received
18-Ground Control Systems/ED	Collocate NRL work at SMC-LAAFB	No Navy Request Received
19-Airborne C <sup>4</sup> /ED	Consolidate NCCOSC, NRL, & China Lake work at ESC-Hanscom and CERDEC-Monmouth	No Navy Request Received

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## Army to Air Force Cross-Servicing

<u>CSF/Life Cycle</u>	<u>Cross-Service</u>	<u>Status</u>
01 thru 04 Fixed Wing/ED	Collocate MRDEC-RSA work at ASC-WPAFB	Response Provided to Army
01 thru 04 Fixed Wing/ISE	Collocate AVRDEC-STL work at ALC-Tinker	Response Provided to Army
15-Directed Energy Weapons/ST	Collocate ARL-ADELPHI work at Phillips-Kirtland	Response Provided to Army

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## Air Force to Army/Navy Cross-Servicing

<u>CSF/Life Cycle</u>	<u>Cross-Service</u>	<u>Status</u>
10-Conventional Missiles and Rockets/ST&ED	Collocate ASC & WL/Eglin work at MRDEC-RSA or China Lake	Included in DDR&E Memo #4 Response
14-Guns & Ammo/ST&ED	Collocate ASC & Eglin work at ARDEC-PICATINNY	One Time Cost: \$292K ROI: Never
20-Fixed C <sup>4</sup> /ED	Collocate ESC-HAFB work at NCCOSC	One Time Cost: \$3.1M ROI: Never
21-Mobile C <sup>4</sup> /ED	Collocate ESC-HAFB work at CERDEC-MONMOUTH	One Time Cost: \$487K ROI: 100+ Years
22-Electronic Devices	Collocate WL-WPAFB work at ARL-ADELPHI	One Time Cost: \$31M ROI: Never
27/27A-Training Systems	Collocate AL-Brooks & AL- Williams at Orlando, FL	See AF BRAC '95 Recommendations

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## **LJCSG Memo #3 Summary**

All AF Actions Complete

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## **DDR&E Memo #4 Cross-Servicing Alternatives**

- Based On
  - C4I & Energetics Supplemental Data Call
  - LJCSG and T&E JCSG Alternatives
  - OSD Analysis
- Covers
  - Air Vehicles
  - Air-Launched Weapons
  - Propellants
  - Explosives
  - Pyrotechnics (No AF Activity)
  - C<sup>4</sup>I

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## Air Vehicles

- Consolidate Air Vehicle R&D at T&E Sites IF "Otherwise Considering (R&D Activity) For Realignment or Closure"
- Air Force Not Considering ASC-WPAFB For Realignment or Closure
- No Further Analysis Required

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## Air-to-Air & Air-to-Ground Weapons (Including Explosives)

- Consolidate "...All Fixed Wing Air-to-Air and Air-to-Ground RDT&E at NAWC, Weapons Division, China Lake..."
- Consider WL, ASC & AFDTC, Eglin AFB, FL
- Functional Analysis
  - **Eglin is Best Alternative**
    - Based on Analysis of Lab and T&E JCSG Data
    - Full Capability/Capacity to Satisfy Requirements
    - Leverages Collocated S&T, SPO, DT&E, OT&E, & User
    - Significant Joint Activity in Place (e.g., AMRAAM, JDAM)

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## **Air-to-Air & Air-to-Ground Weapons (Cont'd)**

- COBRA Analysis
  - Awaiting Navy Response
- Recommendation
  - Absent Significant Savings, Given Functional Analysis and Eglin/WPAFB Tiering, Do Not Pursue Further

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## **Energetics-Propellants**

- Consolidate "...All Missile and Rocket Propulsion RDT&E at NAWC, China Lake."
- Consider PL, Edwards AFB, CA
- Functional Analysis
  - **Phillips Lab is Best Alternative**
    - Based on Analysis of Lab and T&E JCSG Data
    - Full S&T Capability/Capacity
    - Significantly Greater Capital Investment than China Lake
    - Overwhelmingly (>85%) Focused on Space (vs Missiles/Rockets)

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12 21/06

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## **Energetics-Propellants (Cont'd)**

- COBRA Analysis
  - Awaiting Navy Response
- Recommendation
  - Absent Significant Savings, Given Functional Analysis and Edwards "Tiering", Do Not Pursue Further

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## **C<sup>4</sup>I**

- Consolidate SPAWAR at Ft Monmouth or Hanscom AFB
- Consolidate ESC at Ft Monmouth
- Consolidate Rome Lab, Rome, NY at San Diego, Ft Monmouth, Ft Belvoir, or WPAFB
- Consolidate Rome Lab, HAFB at San Diego or Ft Monmouth

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## **C<sup>4</sup>I SPAWAR**

- **Functional Analysis**
  - **Best Programmatic Match with ESC**
    - Airborne C<sup>4</sup>I
    - Space Related C<sup>4</sup>I
- **Response Provided to Navy**
  - **Willing/Able to Host**
  - **Navy Decision**

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## **C<sup>4</sup>I - ESC & RL / HAFB**

- **Functional Analysis**
  - **Poor Programmatic Fit**
    - HAFB Airborne C<sup>4</sup>I Focus
    - Ft Monmouth Ground Mobile C<sup>4</sup>I Focus
  - **Poor Product Line Fit**
    - ESC Makes Heavy Use of Commercial Products
  - **Poor Infrastructure Fit**
    - HAFB Surrounded by Info Systems Hardware & Software Industry

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## **C<sup>4</sup>I - ESC & RL / HAFB (Cont'd)**

- COBRA Analysis

	<u>ESC</u>	<u>RL/HAFB</u>
• One-Time Cost:	\$249M	\$13M
• NPV:	-\$219M	\$11M
• ROI:	7 Yrs	100+ Yrs
• Steady State Savings	\$42M	\$0.13M
- Recommendation
  - Given Functional Analysis, COBRA Results, & HAFB Tiering, Do Not Pursue Further

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## **C<sup>4</sup>I - Rome, NY**

- Being Pursued as Cross-Service Opportunity

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## **LJCSG Memo #4 Summary**

- **Most Alternatives Not Supported By Analysis**
  - **Eglin is Best Alternative for Air Launched Weapons RDT&E**
  - **Phillips Lab, Edwards is Best Alternative for Propulsion RDT&E**
- **Some Potential**
  - **SPAWAR To Hanscom**
  - **Rome Lab, Rome, NY to Combination of Hanscom AFB & Ft Monmouth**

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## **Air Force-Only BRAC Update**

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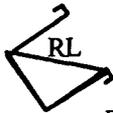
20 2/1/95

## Brooks AFB

- NO CHANGE (One Pager)

<u>1-Time Cost</u>	<u>NPV</u>	<u>ROI</u>	<u>Steady State</u>	<u>Per Savings</u>
185	(128)	7	28	391

## Options Rome Lab-Griffis



<u>Hanscom</u>	<u>Et Monmouth</u>	<u>Option</u>	<u>1-Time Cost</u>	<u>NPV</u>	<u>ROI</u>	<u>Steady State</u>	<u>Per Savings</u>
<input type="checkbox"/>	<input type="checkbox"/>	Consolidate Air Force C4I R&D	58M	(104M)	4	12M	64
<input type="checkbox"/>	<input type="checkbox"/>	Consolidate most C4I Rsrch at Ft Monmouth	46M	(83M)	4	10M	28
<input type="checkbox"/>	<input type="checkbox"/>	Consolidate AF C4I (Mobile - Army, Airborne - Air Force)	56M	(97M)	4	12M	52
<input type="checkbox"/>	<input type="checkbox"/>	Consolidate AF C4I (Core- Air Force, Non-Core - Army)	48M	(98M)	4	11M	46

## Kirtland AFB

<u>Option</u>	<u>1-Time</u>		<u>ROI</u>	<u>Steady</u>	<u>Per</u>	<u>AF Active</u>	<u>Non-AF</u>
	<u>Cost</u>	<u>NPV</u>					
Baseline (one-pager)	139M	(626)	2	70M	1423	175	207
Move all tenants, except Philips Lab, DOE, and Sandia Labs	220M	(454)	4	61M	1423	50	*12

**Major Changes:**

- Moving an additional 1750 DoD personnel
- \$50M in MILCON for Defense Nuclear Agency
- \$28M in moving costs

\* Assumes all non-AF tenants not mentioned move (93 total military)

## Backup





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

09 MAR 1995

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1100 hours on 3 February 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Mr. Mleziva, AF/BCWG  
Col Mayfield, AF/RTR

The meeting was called to order by Mr. Boatright. He began by summarizing the meeting of the BCEG with the SECAF earlier in the day. At that meeting, Maj Gen Blume reviewed the potential redirects of past BRAC actions. After the review, the SECAF authorized sending descriptions of the proposed redirects to OSD for review. The SECAF was then briefed on the cost options for the No. Highlands and Moffett Airfield ANG unit moves to McClellan. A proposal to combine these into one consolidation was reviewed, but the SECAF determined that the costs and payback associated with the No. Highlands move called the move into question. She directed that both of these actions get further review. On review of the proposed Roslyn AGS closure, a similar issue was raised on the costs of the AFRES move to Westover. This item will also be reviewed.

Mr. Orr then reviewed the proposed depot downsizing and consolidation approach with the SECAF. He requested a policy on future depot workload distribution. There was also a discussion of which actions were appropriate for BRAC inclusion, and which would be done programatically. The BRAC actions, however, should be set in the context of the broader actions to reduce capacity, infrastructure, and costs. In addition, the actions would make capacity

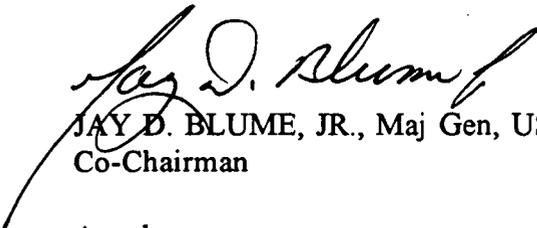
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

available for DLA's storage requirements, potentially allowing them to reduce other infrastructure. The SECAF noted that a more specific listing of consolidations would be required. The SECAF determined that broader strategy would be provided at a later meeting.

After the review of the SECAF meeting, Mr. Mleziva provided a review of the Air Force lab options, using the slides at Atch 1. Regarding the Brooks closure, he noted a change in the AFMSA and AFMOA destinations. He also noted a different destination for the DNA tenant. The BCEG then reviewed several options for Rome Lab division between Hanscom AFB and Ft Monmouth. After the review, the BCEG directed that Option 4.1 not be presented to the SECAF, because the other option is superior.

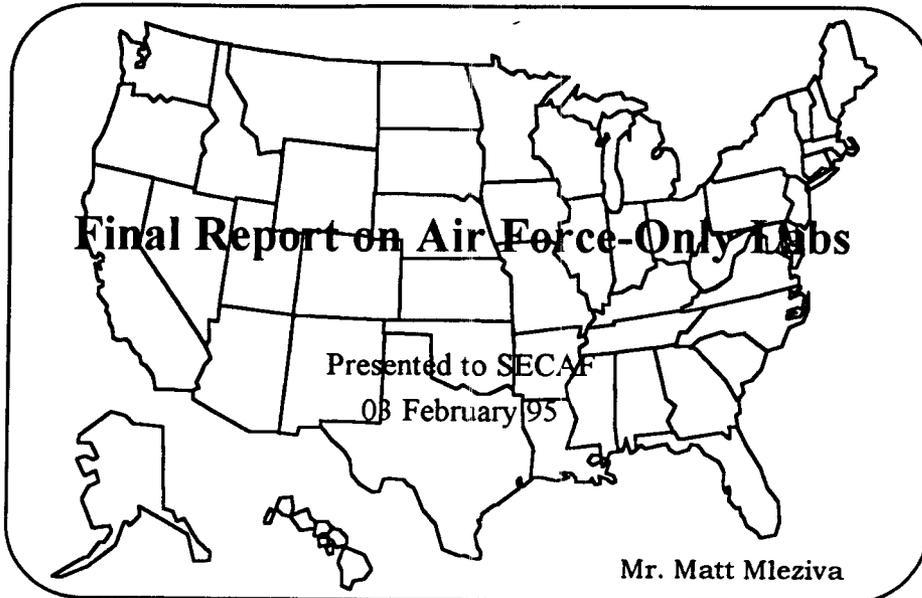
There being no further matters to discuss, the meeting was adjourned at 1210. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachment  
Lab Briefing

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## Brooks AFB

	<u>1-Time</u> <u>Cost</u>	<u>NPV</u>	<u>ROI</u>	<u>Steady</u> <u>State</u>	<u>Per</u> <u>Savings</u>
"One-pager"	185M	(128M)	7	28M	391
Update	185M	(131M)	7	28M	391

- Change
  - AFMSA, AFMOA destinations changed

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## Kirtland AFB

<u>Option</u>	<u>1-Time</u>		<u>ROI</u>	<u>Steady State</u>	<u>Per Savings</u>	<u>AF Active Duty Left</u>	<u>Non-AF</u>
	<u>Cost</u>	<u>NPV</u>					<u>Active Duty Left</u>
Baseline ("One-pager")	139M	(626)	2	70M	1423	175	207
Move all tenants, except KUMSC, Philips Lab, DOE, and Sandia Labs	196M	(502)	3	63M	1423	50	12

• Major Changes:

- Moving an additional 900 DoD personnel
- \$39M in MILCON for Defense Nuclear Agency
- \$17M in moving costs

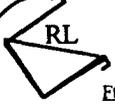
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## Rome Lab-Griffiss



		<u>Option</u>	<u>1-Time</u>		<u>ROI</u>	<u>Steady State</u>	<u>Per Savings</u>
<u>Hanscom</u>	<u>Ft Monmouth</u>		<u>Cost</u>	<u>NPV</u>			
<input type="checkbox"/>	<input type="checkbox"/>	1 Consolidate Air Force C4I R&D	58M	(104M)	4	12M	64
<input type="checkbox"/>	<input type="checkbox"/>	2 Consolidate most C4I Rsrch at Ft Monmouth	46M	(83M)	4	10M	28
<input type="checkbox"/>	<input type="checkbox"/>	3 Consolidate AF C4I (Mobile - Army, Airborne - Air Force)	56M	(97M)	4	12M	52
<input type="checkbox"/>	<input type="checkbox"/>	4.1 Consolidate AF C4I (Core- Air Force, Non-Core - Army)	48M	(98M)	4	11M	46
<input type="checkbox"/>	<input type="checkbox"/>	4.2 Consolidate AF C4I (Core- Air Force, Non-Core -Army)	52M	(102M)	4	12M	50

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## Proposed Rome Lab Transfers

Rome Lab-Griffis	Option 3		Option 4.1		Option 4.2		
	To Hanscom or Ft Monmouth	Mobile C4I to Ft Monmouth	Airborne C4I to Hanscom	Non-Core To Ft Monmouth	Core To Hanscom	Non-Core To Ft Monmouth	Core To Hanscom
Command Section/Staff	336	101	235	170	166	133	203
Surveillance/Photonics	137		137	255	82	55	82
Intel/Recon	149		149		149		149
C3	175	175		135	40	87	88
Electo/Rel	119		119	99	20	99	20
<b>Total</b>	<b>916</b>	<b>276</b>	<b>640</b>	<b>459</b>	<b>457</b>	<b>374</b>	<b>542</b>

\* Does not include manpower savings

1. CTAPS and MILSTAR
2. Photonics
3. Test Site O&M
4. (I) + S/W Technical Div





22  
73  
13

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

09 MAR 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1230 hours on 8 February 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR  
Col Walters, AF/PE  
Lt Col O'Neill, AF/RTT

The meeting was called to order by Maj Gen Blume, who summarized the guidance provided by the SECAF at the meeting with the BCEG on February 3, 1995. The SECAF expressed her approval of the Rome Lab distribution of functions between Ft Monmouth and Hanscom AFB. She also requested that movement of the SOF training to Holloman or Cannon AFBs be reviewed.

With regard to the depot bases, the SECAF reviewed the considerable costs associated with the closure of any depot installation. As a result, she determined that the reductions in capacity and infrastructure would be accomplished by a combination of efforts, some of which would be accomplished in the BRAC process. She directed that the commodities and workloads of the depots be reviewed for cost effective consolidations, and that those realignment actions be accomplished under the BRAC process. In addition, she directed the pursuit of efforts to shrink

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

## CLOSE HOLD - BCEG/BCEG STAFF ONLY

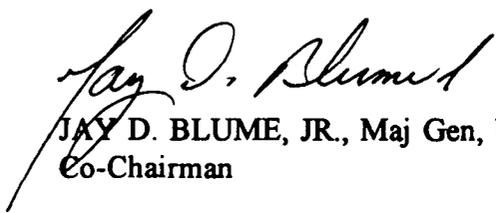
infrastructure through programmatic actions, downsizing to core, mothballing and demolition of unnecessary facilities, and refinement of product lines. Reductions in workload and capacity at a particular depot that occur as a result of normal programmatic changes would not be countered by relocating work from other depots. Instead, over time, some of the depots would migrate toward less aircraft work and more communication or electrical component work. The cost-effectiveness of the distribution of workload was to be the guiding principle. Finally, she directed the BCEG to work with AFMC to develop the appropriate locations for consolidations of workload, and to determine what facilities can be made available for DLA in the event they have closure actions that can benefit from such facilities.

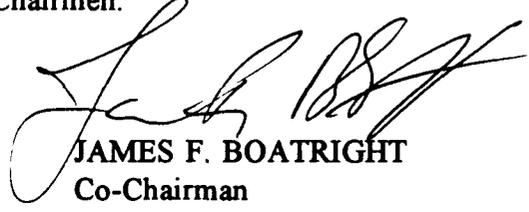
After the summary of the SECAF meeting, Lt Col O'Neill, AF/RTT, briefed some revised COBRA numbers for Grand Forks that included the costs and savings of the missile field closure, using the slide at Atch 1. Although these numbers are currently programmed in the budget, they are a valid estimate of the costs and savings of this action. Lt Col O'Neill then briefed the new COBRA figures for Kirtland AFB, with options for bedding down the SOF training mission at Beale, Cannon, or Holloman, using the slides at Atch 2.

Mr. Orr, AF/LGM, briefed the depot consolidation concept, using the slides at Atch 3. This consolidation plan resulted from the SECAF's direction at the previous meeting. When discussing the personnel impacts, he noted that some personnel numbers were reduced at all locations, despite the consolidation of work at one or more location, because of increased efficiencies in the work. The underlines represent the locations into which work will be consolidated. He also noted that the workloads being consolidated do not correspond to the commodities reviewed under the JCSG approach. Space was also made available for DLA under this process, since significant facilities could be vacated.

Mr. Beach, SAF/FM, briefed some financial information from previous rounds, using the slides at Atch 4. He noted that the Air Force closures in earlier rounds were largely operational bases, and that the focus of this round is more on the support bases. He also noted that the Air Force has accounted for 71 percent of savings produced in the three previous closure rounds.

There being no further matters to discuss, the meeting was adjourned at 1340. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

### Attachments

1. Grand Forks update
2. Kirtland update
3. Depot consolidation
4. Financial recap

CLOSE HOLD - BCEG/BCEG STAFF ONLY

## Kirtland AFB

<u>Option</u>	<u>1-Time Cost</u>	<u>NPV</u>	<u>ROI</u>	<u>Steady State</u>	<u>Per Savings</u>
SECAF	200M	(497M)	3	63M	1423
Admin Update	205M	(493M)	3	63M	1423
SOF to Beale	216M	(483M)	3	63M	1423
SOF to Cannon	191M	(528M)	3	65M	1423
SOF to Holloman	253M	(464M)	3	65M	1423

AT&T 2



BCEG CLOSE HOLD

## GRAND FORKS UPDATE

# CRITERIA IV & V

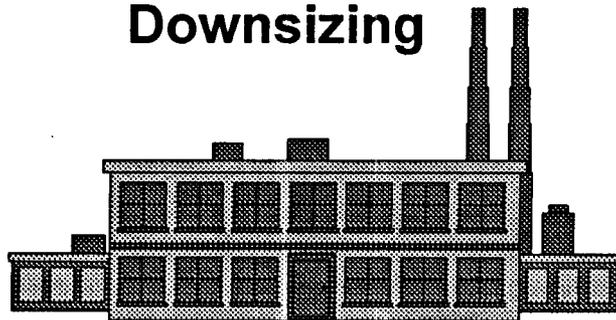
	<u>1-TIME COST</u>	<u>20 YR NPV</u>	<u>STEADY STATE</u>	<u>ROI</u>	<u>PERS SAVINGS</u>
GRAND FORKS	0	0	0	N/A	0
GRAND FORKS REVISED *	49	(952)	71	Immed	1559

\*All savings have  
been accounted for  
in the AF POM

BCEG CLOSE HOLD

AT&T

## Depot Maintenance Downsizing



### Commodity And Process Consolidations Personnel Impacts

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

**Depot Maintenance Business Area  
(DMBA) Manpower Preliminary Estimates**

	OC	OO	SA	SM	WR	TOT
Current : 97-4	5868	4038	5085	4474	5858	25323
Programmed Reductions	-421	-319	-391	-280	-392	-1803
F-111 Reductions	-82	-7	-20	-744	-188	-1041
TRC Consolidations	-1058	237	-433	14	-466	-1706
Total Reductions	-1561	-89	-844	-1010	-1046	-4550
Revised	4307	3949	4241	3464	4812	20773

**COBRA Costs for  
Downsizing Initiatives**

	1-TIME COST (\$M)	20 YR NPV (\$M)	STEADY STATE (\$M)	ROI (YRS)	PERS SAVINGS <sup>1</sup>
Consolidation	183	(952)	86	2	1844
Consolidate BOS Functions at Kelly and Lackland <sup>2</sup>	1	(40)	3	—	67
F-111 Phase out <sup>2</sup>	13	(688)	54	—	1127
Force Structure Changes <sup>2</sup>	22	(1185)	93	—	1950
Cumulative Impact	219	(2867)	235	—	4988

<sup>1</sup> Includes an 8% reduction in the BOS tail

<sup>2</sup> Reflects costs/savings associated with personnel reductions only



**Space Available  
For  
DLA**

<b>ALC</b>	<b>AREA (KSF)</b>	<b>VOLUME (KCF)</b>
<b>OC</b>	<b>313</b>	<b>3954</b>
<b>OO</b>	<b>183</b>	<b>3660</b>
<b>SA</b>	<b>609</b>	<b>5537</b>
<b>SM</b>	<b>783</b>	<b>11072</b>
<b>WR</b>	<b>45</b>	<b>340</b>
<b>TOTAL</b>	<b>1888</b>	<b>24563</b>

**TRACK OF BRAC 95 COST & SAVINGS**  
**CONSTANT DOLLARS, MILLIONS -- EXCLUDES ENVIRONMENTAL**

	Total 1-Time	Cost/Savings	20 Yr NPV	SS Savings	Ratio SS/1Time	Ratio NPV/1 Time
Draft Submission	641.0	123.2	-2098	-226.0	0.3526	3.2730
Scenario Changes	85.5	77.7	102.8	3.9	-0.0456	-1.2023
Redirects	<u>58.1</u>	<u>-44.6</u>	<u>-239.9</u>	<u>-20.3</u>	0.3494	4.1291
Total	784.6	156.3	-2235.1	-242.4	0.3089	2.8487
Depot Realignment	<u>165.7</u>	<u>102.8</u>	<u>-815.0</u>	<u>-92.0</u>	0.5552	4.9185
Total with Depot	950.3	259.1	-3050.1	-334.4	0.3519	3.2096
Grand Forks	<u>49.0</u>	<u>-272.7</u>	<u>-952.0</u>	<u>-71.2</u>	1.4531	19.4286
Total	999.3	-13.6	-4002.1	-405.6	0.4059	4.0049

**COMPARISON OF COMMISSIONS**  
**CONSTANT DOLLARS, MILLIONS -- EXCLUDES ENVIRONMENTAL**

	Total 1-Time	Cost/Savings	20 Yr NPV	SS Savings	Ratio SS/1Time	Ratio NPV/1 Time
BRAC 91	771.8	-1729.2	-3676.6	-565.8	0.7331	4.7637
BRAC 93	601.4	-826.7	-1984.0	-283.8	0.4719	3.2990
BRAC 95	999.3	-13.6	-4002.1	-405.6	0.4059	4.0049

**95 BRAC**  
**CURRENT DOLLARS, MILLIONS**

	<u>COSTS</u> <u>FY 96 -01</u>	<u>FY 96-01</u>	<u>SAVINGS</u> <u>FY 96-15</u>	<u>PERCENT</u> <u>RETURN</u> <u>PER YEAR</u>
BUDGET	1047.7	868.0	N/A	
EXCLUDING ENVIRONMENTAL	1066.1	1130.5	9399.5	11.50%
INCLUDING ENVIRONMENTAL	1556.2	1130.5	9399.5	9.41%

BASE REALIGNMENT AND CLOSURE PROGRAMS

<u>LARGE</u>	<u>SMALL</u>	<u>TRAINING</u>	<u>DEPOTS</u>	<u>LABS &amp; PROD CTRS</u>	<u>SPACE</u>	<u>OTHER</u>
88, 91, and 93 COMMISSIONS						
GRIFFISS	HOMESTEAD	LOWRY	NEWARK			RICKENBACKER
K.I. SAWYER	ENGLAND	CHANUTE				RICHARDS-GEBAUR
PLATTSBURGH	MACDILL	WILLIAMS				
MARCH	MYRTLE BEACH	MATHER				
CASTLE	GEORGE					
EAKER	BERGSTROM					
GRISSOM						
LORING						
WURTSMITH						
NORTON						
PEASE						
CARSWELL						
2,081.7	441.1	553.1	72.5	0.0	0.0	151.6
95 COMMISSION						
MALMSTROM		REESE	REALIGN	KIRTLAND	ONIZUKA	
GRAND FORKS				ROME		
				BROOKS		
71.3		38.1	180.2	474.3	132.1	170.1
TOTAL ALL COMMISSIONS						
2,153.0	441.1	591.2	252.7	474.3	132.1	321.7

# BRAC SAVINGS REPORTED

In DOD News Release

FY 96-97 Defense Budget

Feb 6 1995, Page 8

"For domestic facilities, much progress was made through the base realignment and closure (BRAC) process in 1988, 1991, and 1993. These three BRAC rounds approved the closure of 70 major bases and are projected to save \$6.6 billion during their overlapping 6-year implementation periods (FY1990- 99)."

## BRAC Savings

FY 90 - FY 99

\$ Billions

AIR FORCE	4.7	(.71)
ALL OTHER	<u>1.9</u>	<u>(.29)</u>
TOTAL DOD	6.6	(1.00)

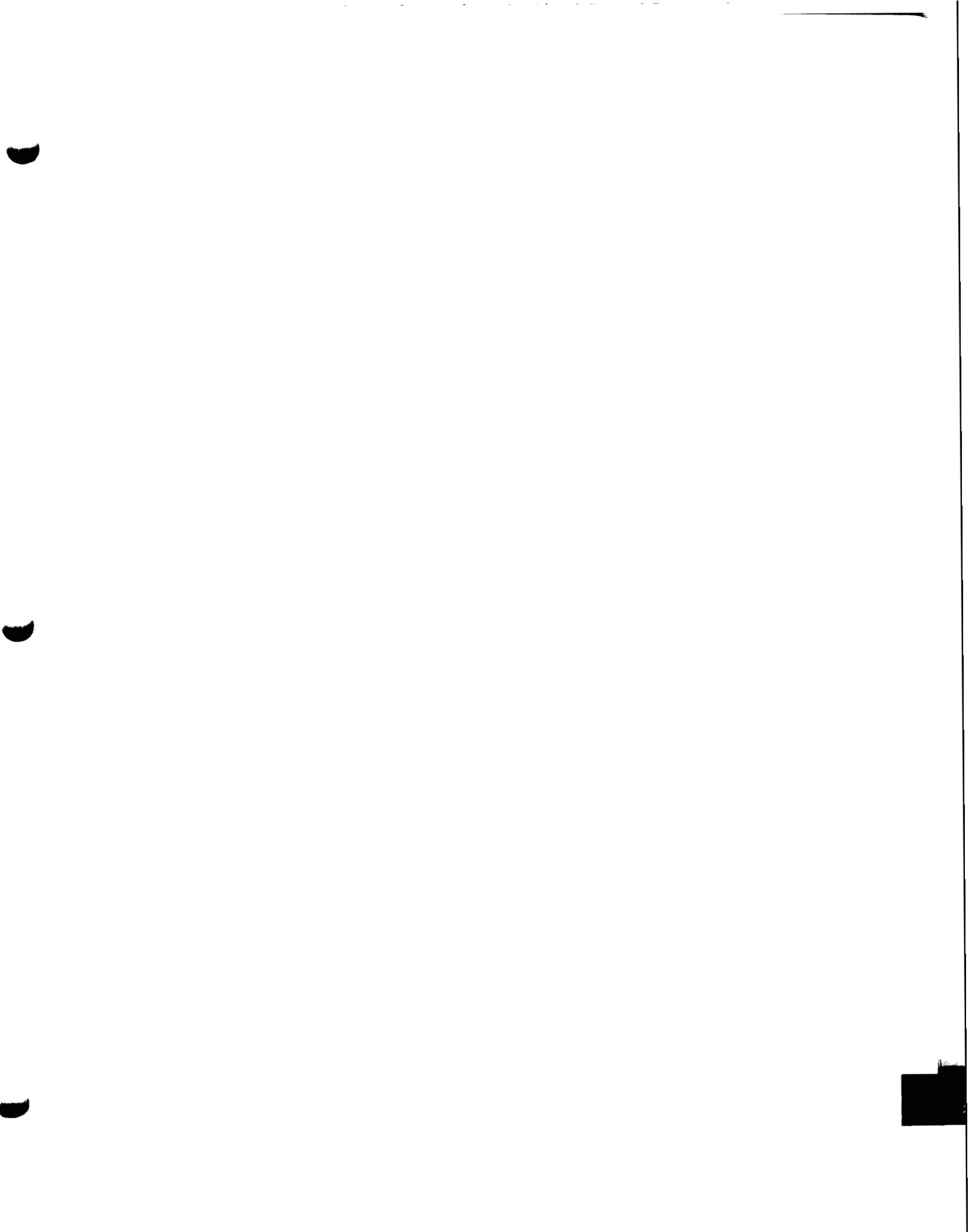
# FY 96 - 01 BUDGET VS. COST COMPARISON

CURRENT DOLLARS, MILLIONS  
EXCLUDING ENVIRONMENTAL COSTS

	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	TOTAL
BUDGET	93.5	135.2	300.0	256.0	163.0	100.0	1,047.7
BRAC 95 - \$785M Option	88.7	254	220.2	129.0	69.8	70.9	832.6
BRAC 95 - \$950M Option	107.2	272.1	253.8	167.8	102.4	109.4	1,012.7
BRAC 95 - \$999M Option	113.1	278.1	259.8	180.5	113.6	121.0	1,066.1
DELTA - \$785M Option	4.8	-118.8	79.8	127.0	93.2	29.1	215.1
DELTA - \$950M Option	-13.7	-136.9	46.2	88.2	60.6	-9.4	35.0
DELTA - \$999M Option	-19.6	-142.9	40.2	75.5	49.4	-21.0	-18.4

## COMPARISON ON SERVICES BY COMMISSION

		COMMISSION				
		I	II	III	IV	<u>TOTAL</u>
<b>ARMY</b>						
Cost		1,288.2	1,206.3	500.0	773.0	3,767.5
Savings		<u>-721.0</u>	<u>-1,181.2</u>	<u>-151.4</u>	<u>-2,187.0</u>	<u>-4,240.6</u>
Net		567.2	25.1	348.6	-1,414.0	-473.1
 <b>NAVY</b>						
Cost		284.6	1,944.6	6,163.1	1,140.0	9,532.3
Savings		<u>-334.5</u>	<u>-2,166.7</u>	<u>-4,671.5</u>	<u>-3,095.0</u>	<u>-10,267.7</u>
Net		-49.9	-222.1	1,491.6	-1,955.0	-735.4
 <b>AIR FORCE</b>						
Cost		1,056.2	1,220.1	1,729.6	1,047.9	5,053.8
Savings		<u>-1,413.1</u>	<u>-2,957.7</u>	<u>-1,110.1</u>	<u>-868.0</u>	<u>-6,348.9</u>
Net		-356.9	-1,737.6	619.5	179.9	-1,295.1
<b>TOTAL COST</b>		<b>\$2.6B</b>	<b>\$4.4B</b>	<b>\$8.4B</b>	<b>\$3.0B</b>	





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

09 MAR 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1500 hours on 10 February 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Mr. Orr, AF/LGM  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Mr. Dishner  
Lt Col Donnalley, AF/RTR

The meeting was called to order by Mr. Boatright. He introduced Mr. Dishner, his successor to the SAF/MII position. Mr. Boatright then summarized the meeting with SECAF on 8 February 1995. The SECAF was presented with new figures on Grand Forks, reflecting all costs and savings for the missile field closure. She was also presented with three alternatives for moving the SOF training function out of Kirtland AFB. The Cannon AFB option was cheaper, but did not offer the best training environment, while the Beale and Holloman options were expensive but offered better terrain. A site survey team will examine these costs and will report back with better cost data.

The SECAF was also presented with the results of the depot consolidation study, including realignments and consolidations, as well as other efforts to reduce capacity and infrastructure. It was noted that some space would be available for DLA to use, consistent with their needs. The SECAF approved the consolidation strategy as briefed. The SECAF also reviewed costs associated with closure of the North Highland ANG unit, and approved the closure with more reasonable cost figures. Some of the costs were reduced in the process of examining

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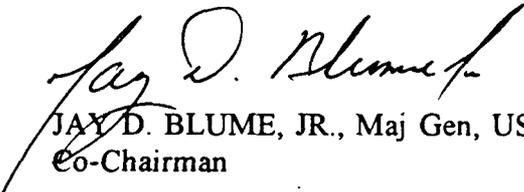
**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

capacity at McClellan. Mr. Beach presented some cost figures to the SECAF related to the potential closures for her consideration.

After the summary of the SECAF meeting, Lt Col Donnalley briefed the BCEG on a number of changes in data, using the slides at Atch 1. The data corrections were revealed by audit activity, base reviews of data, or other circumstances. The BCEG reviewed all the data changes, giving particular attention to those that resulted in grade changes at the criterion level. After reviewing the changes, the BCEG voted on each category on the issue of whether this called into question the tiering. The BCEG also voted on whether the SECAF needed to be advised of the changes. In each category and subcategory, the BCEG concluded that no change was necessary in tiering and that there was no need to formally advise the SECAF of the changes. In many cases, the base was already placed in the top tier. For others, such as Minot AFB, the change in grade could conceivably result in the base moving to a lower tier. Since Minot AFB was already analyzed for potential closure as a middle tier base, the change to a lower tier would make no difference in the Air Force analysis. Although Rome Lab's Criterion I grade improved, it was already a Tier I base, and the change would not raise its value.

The possible redirect of the 726th Air Control Squadron from Shaw AFB to Mt Home AFB was reviewed. A current deficiency in the ability to train exists because of the displacement between its radar sites and its aircraft training areas. This causes a degradation in the quality of the radar return of the land-based control units, and affects their training. The presence of air-to-air aircraft at Mt Home will ensure a high quality training environment. The BCEG approved presenting this redirect to the SECAF for her consideration.

The BCEG then discussed some matters related to OSD consideration of the Air Force proposals. There being no further matters to discuss, the meeting was adjourned at 1645. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

**Attachments**

1. Admin Remarks
2. 726 ACS Redirect

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



BCEG CLOSE HOLD

**Base Closure Executive Group**

## **Administrative Remarks**

- Data Corrections
  - Identified during base and MAJCOM final review
  - Base and MAJCOM generated corrections
  - Most changes do not alter color code grades
- Copies of data corrections
  - Mostly minor typos, refinements, and updates

BCEG CLOSE HOLD

1 2/2005



BCEG CLOSE HOLD

**Base Closure Executive Group**

## **Data Corrections**

- Request BCEG approval to make the corrections

BCEG CLOSE HOLD

2 2/2005



BCEG CLOSE HOLD

**Base Closure Executive Group**

## Corrections

- Grand Forks
  - 14 changes not graded
  - 3 changes graded no color change
  - 1 change changed subelement  
VII.1.C.10 Pro sport team changed Y to R
- Fairchild
  - 11 changes not graded
  - 2 changes graded no color change
  - Multiple ACUIZ number changes  
II.6 New ACUIZ Study numbers APZ II G- to Y  
noise Y to G

BCEG CLOSE HOLD

3 2/2095



BCEG CLOSE HOLD

**Base Closure Executive Group**

## Corrections

- Little Rock
  - 11 changes not graded
  - 4 changes no color change
  - 2 changes change color  
II.2.B.2 condition codes infrastructure  
changes G- to Y-  
II.2.A housing capacity changes Y to G
- Ellsworth
  - 2 changes not graded

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4 2/2095



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**Base Closure Executive Group**

## Corrections

- Altus
  - 2 changes not graded
  - 2 changes in condition code 1 up 1 down no subelement color change overall
- Minot
  - 1 Change changes color code 1.1.A.2.a Alternate Airfield G to Y
  - OVERALL CRITERION I CHANGE G- TO Y+

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5 2/20/95



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**Base Closure Executive Group**

## Corrections

- McConnell
  - 10 Changes not graded
  - 1 Change color subelement unchanged
- McGuire
  - 15 Changes not graded
  - 4 Changes color subelement unchanged
  - 1 Change color change
    - II.1.C.1.c New Housing capacity number Y+ to Y
  - OVERALL CRITERION II CHANGE Y+ TO Y

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6 2/20/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

## Corrections

- Dover
  - 5 changes not graded
  - 1 change graded no color change
- Barksdale
  - 6 changes not graded
  - 1 change to color code due to Std Dev  
II.2.A housing capacity R to Y

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7 2/20/95



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**Base Closure Executive Group**

## Corrections

- Charleston
  - 19 changes not graded
  - 2 changes no color code affected
- Beale
  - Multiple changes to the condition codes  
no color changes
- Travis
  - 8 changes not graded
  - 1 change graded changes color  
VIII.12.F Cultural sites do not constrain  
construction siting R to Y

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8 2/20/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

## Corrections

- Dyess
  - 6 changes not graded
  - 7 changes to condition codes no color changes
  - 1 change alters color
    - VIII.12.D Base has been surveyed for cultural sites  
Y to G
- Malmstrom
  - 8 changes not graded
  - 1 change no color change

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9 2/20/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

## Corrections

- Scott
  - 15 changes not graded
  - 5 changes graded no color changes
- Offutt
  - 3 changes no color changes
- Whiteman
  - 1 change not graded
  - 1 change, color not changed

BCEG CLOSE HOLD

10 2/20/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

## **Corrections**

- Falcon
  - 2 changes not graded
  - 2 changes no color change
- Onizuka
  - 3 changes not graded

BCEG CLOSE HOLD

11 2/20/95



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**Base Closure Executive Group**

## **Corrections**

- Cannon
  - 6 changes not graded
  - 1 change grade not changed
  - 1 change color change
  - VIII.1.E-DC No air quality restrictions to burning and open detonation Y to G
- Davis-Monthan
  - 4 changes not graded

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**Base Closure Executive Group**

## **Corrections**

- **Shaw**
  - 8 changes not graded
  - 4 changes no color change
  - 1 changes alter colors
    - VIII.13.F Changed to IRPs do not constrain operations and construction R to Y

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BCEG CLOSE HOLD

**Base Closure Executive Group**

## **Corrections**

- **Luke**
  - 2 changes not graded
  - 5 changes changes subelement
    - VII.1.C.5 & 6 Driving time change color changes from Y to R
    - II.6.A.1-3 New ACUIZ data color changes from R to G

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14 2/20/95



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**Base Closure Executive Group**

## **Corrections**

- Moody
  - 2 changes no color changes
- Seymour Johnson
  - 1 change no color change
- Langley
  - 1 change did not change color

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15 2/20/95



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**Base Closure Executive Group**

## **Corrections**

- Tinker
  - 1 change no grade change Housing
- McClellan
  - 1 change to subelement Housing Std  
Dev Y to R

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16 2/20/95



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**Base Closure Executive Group**

## Corrections

- Columbus
  - 3 changes not graded
  - 1 change no color change
  - 2 changes with color changes
    - VII.2.E.2 New data added grad school w/in 25 mi sub-element grade change R to G
    - II.1.C.1.c New housing data color change G to Y

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17 2/2005



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**Base Closure Executive Group**

## Corrections

- Randolph
  - 3 changes not graded
  - 2 changes individual condition codes no color change to subelement
- Vance
  - 4 Changes not graded
  - 3 changes graded no color change

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18 2/2005



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**Base Closure Executive Group**

## Corrections

- Data base corrections
  - I.2.C.11 Highly concentrated receiver area
  - Charleston Y to G
  - Robins Y to G
  - Hurlburt Y to G
  - Eglin Y to G
  - OVERALL CRITERION 1 CHANGES FOR EGLIN ONLY G- to G

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19 2/20/95



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**Base Closure Executive Group**

## Corrections

- Housing data Std Dev for Labs
  - Brooks G to Y
  - Hanscom Y to R
  - LA G to Y
  - WP R to G
  - Rome no change
  - No Overall Criterion Change

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**Base Closure Executive Group**

## Corrections

- Data base changes cont
  - Labs graded N/A under product center criteria (approved by BCEG) Results:
  - (W) Rome Y+ to G-
  - (W) Phillips Y to Y-
  - (W) WP Wright L G- to G
  - (W) WP Armstrong L Y to Y+
  - (P) LA AFB Y+ to G-
  - (P) ASC SPO WP G- to G
  - OVERALL CRITERION 1.LABS GRADE CHANGES FOR ROME LAB ONLY Y+ to G-

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**Base Closure Executive Group**

## Corrections

- Data base changes
  - Scorable ranges regraded for
  - Dyess Y to G
  - Malmstrom Y to G
  - Ellsworth Y to G
  - Kelly Y to G
  - Tinker Y to G
  - Altus Y to G
  - McConnell Y to G
  - DYESS OVERALL CRITERIA I GRADE CHANGES G- to G

BCEG CLOSE HOLD

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BCEG CLOSE HOLD

**Base Closure Executive Group**

# Homestead Redirect

• **Background**

- 726 Air Control Squadron relocated from Homestead AFB to Shaw AFB due to hurricane Andrew. BRAC 93 closed Homestead AFB and directed the 726 to permanently beddown at Shaw AFB
- Air Control Squadrons are the ground controllers for the air war in forward areas. Overall Air Control Squadrons reorganizing. Air Combat Command examining better beddown options to overcome training limitations at Shaw AFB

BCEG CLOSE HOLD

1 2/23/95



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**Base Closure Executive Group**

# Homestead Redirect

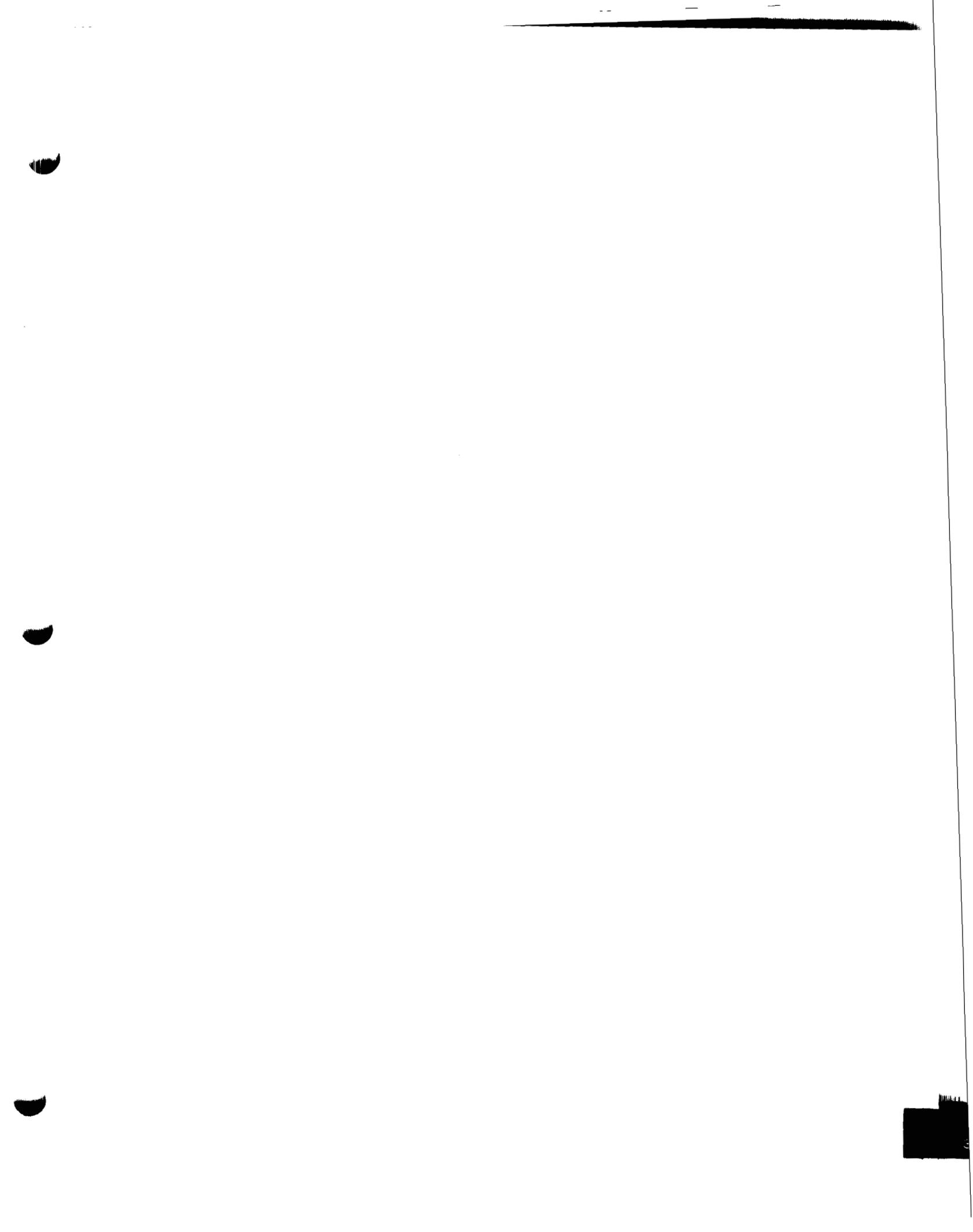
• **Options (listed best to worst)**

<u>Base</u>	<u>Pers</u>	<u>Cost</u>	<u>Remarks</u>
Mt Home	123	TBD	Good training with variety of fighter types and direct radar feed to controllers
Nellis	123	TBD	Good training with Red Flag radar tie in with Range group under evaluation
Shaw	123	\$8.5M*	No move required, training flaw due to poor radar coverage

\* Original MILCON for full size unit

BCEG CLOSE HOLD

2 2/23/95





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

09 MAR 1995

**MEMORANDUM FOR RECORD**

**FROM: SAF/MII**

**SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting**

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 1030 hours on 17 February 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen McGinty, AF/DPP  
Maj Gen Heflebower, AF/PE  
Mr. Orr, AF/LGM  
Dr. Wolff, AF/CE  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR

The meeting was called to order by Maj Gen Blume. He introduced several open issues to discuss with the SECAF at their next meeting, using the slides at Atch 1. He reviewed the new cost figures for the Kirtland realignment, reflecting the Holloman AFB beddown for the SOF training as developed by the site survey team. Three options will be presented to the SECAF for consideration. He then reviewed different costs and savings for the Onizuka realignment, reflecting errors in the calculations for civilian personnel. Additional information will also be presented on Brooks AFB, reflecting new costs and earlier personnel savings.

A new proposal for Bergstrom ARB was presented, which is limited to the closure of Bergstrom ARB alone, and does not realign other force structure. The aircraft from the Bergstrom unit will be absorbed by fighter force structure reductions in AFRES. Additional force structure moves, if any, will be handled outside the BRAC process. These items will be presented to the SECAF at the next meeting.

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

There being no further matters to discuss, the meeting was adjourned at 1745. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

**Attachments**

1. Closure issues
2. Bergstrom proposal

**CLOSE HOLD - BCEG/BCEG STAFF ONLY**



BCEG CLOSE HOLD

**Base Closure Executive Group**

# **Base Closure Executive Group**

BCEG Close Hold

BCEG CLOSE HOLD

1 2/20/05



BCEG CLOSE HOLD

**Base Closure Executive Group**

## **Agenda**

- Opening Remark
  - MGen Blume
  - Mr Boatright
- Issues

BCEG CLOSE HOLD

2 2/20/05



BCEG CLOSE HOLD

Base Closure Executive Group

### Open Issues

- Kirtland AFB Realignment
- Depot Status
- Onizuka Cobra Correction
- Bergstrom Realignment/Redirect /Closure
- Brooks

BCEG CLOSE HOLD

3 2/20/95



BCEG CLOSE HOLD

Base Closure Executive Group

### Kirtland

<u>Option</u>	<u>1-time cost</u>	<u>NPV</u>	<u>ROI</u>	<u>Steady State</u>	<u>Per Savings</u>
One-pager	225M	(489M)	3	65M	1423
Update	279M	(487M)	3	64M	1423

- Major Changes
  - Holloman SOF MILCON adjusted to \$109M (was \$50M)
  - Offutt AFIA/AFSC MILCON is \$1.8M (w/ DFAS req 1st 2.3M)
  - Adjusted personnel savings from 01 to 99-<01
  - NCO Academy to Base X added -- (\$2M MILCON)
- Other SOF Options MILCON      Other AFIS/AFSC MILCON
  - Cannon    \$40M (site survey)      Kelly    \$1.5M
  - Beale      \$63M (ROM)                Tinker   \$5.9M
  - Hill        \$57M (ROM)                Scott    \$6.0M

BCEG CLOSE HOLD

4 2/20/95

WATKIN



BCEG CLOSE HOLD

**Base Closure Executive Group**

# Kirtland

- Resolution of DNA Status
- Guard Post Realignment Personnel Requirements
- Safety Center Relocation questions
- Updated SOF MILCON Requirements

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5 2/20/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

# Onizuka

<u>Option</u>	1-time <u>cost</u>	<u>NPV</u>	<u>ROI</u>	Steady <u>State</u>	Per <u>Savings</u>
One-pager	126M	(250M)	7	36M	434
Update	124M	(182M)	8	30M	398

• **Manpower Changes**

	<u>mil</u>	<u>civ</u>	<u>total</u>
Previous	648	419	1067
Adjusted	757	336	1093

Original Cobra overstated civilian savings at Onizuka and understated enlisted savings which results in a higher savings in salary. Adjustments to model for projected personnel mix yields a reduced steady state and higher NPV

BCEG CLOSE HOLD

6 2/20/95



BCEG CLOSE HOLD

**Base Closure Executive Group**

**Onizuka**

MANPOWER	OFF	ENL	CIV	CONT
PRESENT	220	538	336	2356
FY 98	<u>85</u>	<u>0</u>	<u>90</u>	<u>1400</u>
<b>DELTA</b>	<b>135</b>	<b>538</b>	<b>246</b>	<b>956</b>
TO FALCON	<u>72</u>	<u>215</u>	<u>234</u>	
<b>SAVINGS</b>	<b>63</b>	<b>323</b>	<b>12</b>	

BCEG CLOSE HOLD

7 2/20/95



BCEG CLOSE HOLD

Base Closure Executive Group

# AFRES BRAC 95 BERGSTROM REVISITED

BCEG CLOSE HOLD

1 2/20/95

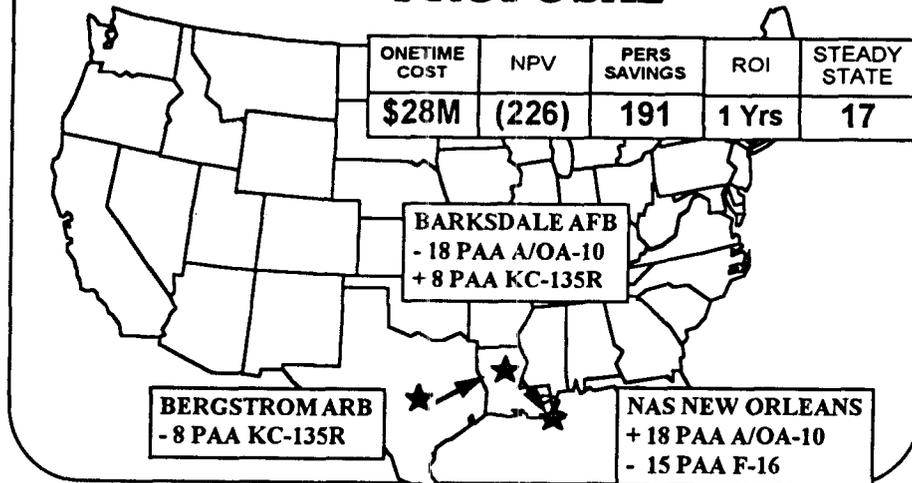
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BCEG CLOSE HOLD

Base Closure Executive Group

# CURRENT BERGSTROM PROPOSAL



BCEG CLOSE HOLD

2 2/20/95

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BCEG CLOSE HOLD

Base Closure Executive Group

## NEW BERGSTROM RECOMMENDATION

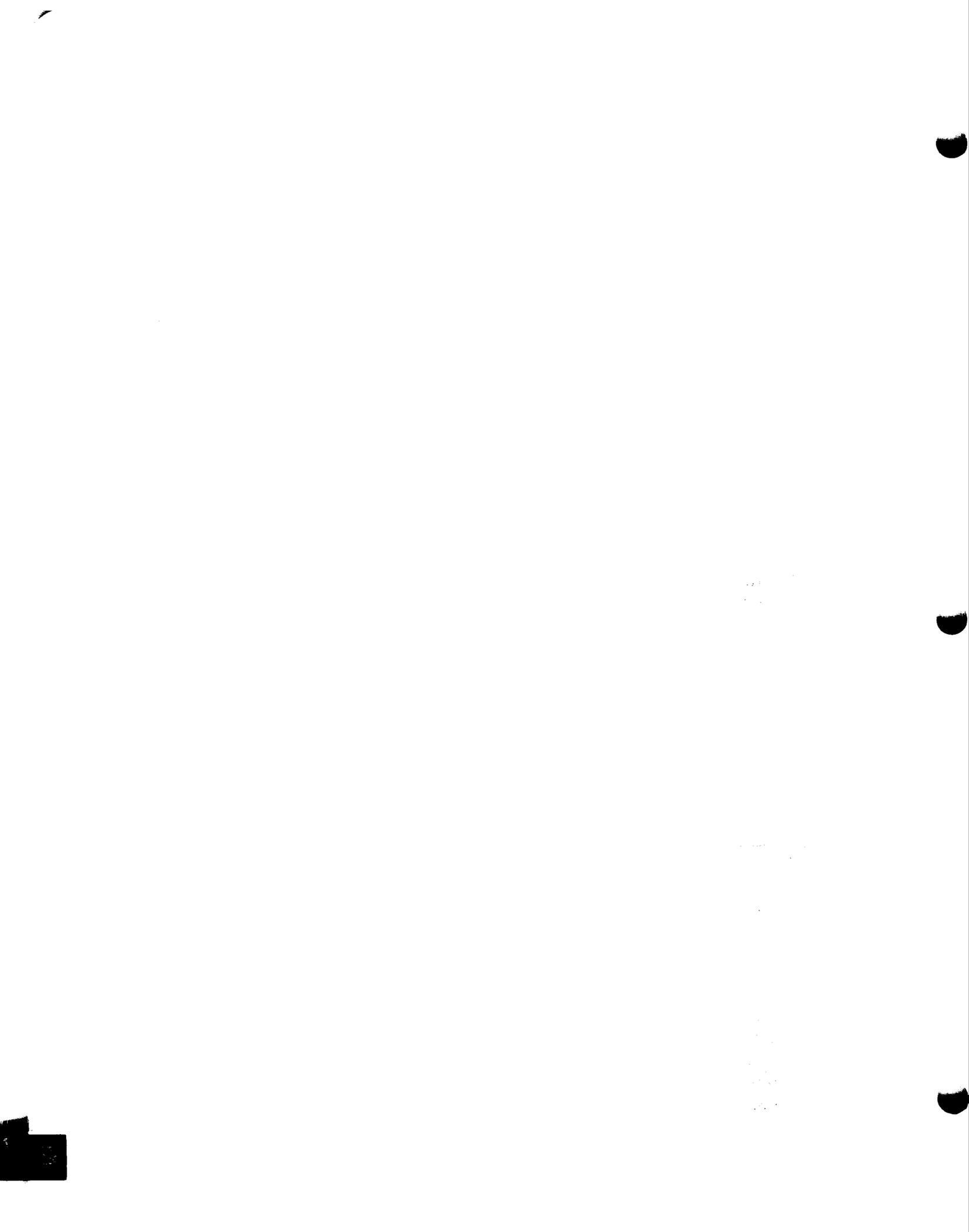
- Close Bergstrom
- Realign 10th AF HQ to Carswell
- Inactivate 924th Fighter Wing
- Redistribute F-16s

	ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE
New	\$13M	(291)	263	0	21
Current	\$28M	(226)	191	1 Yrs	17

BCEG CLOSE HOLD

3 2/20/95





**CLOSE HOLD - BCEG/BCEG STAFF ONLY**

DEPARTMENT OF THE AIR FORCE  
WASHINGTON DC 20330-1000



09 MAR 1995

OFFICE OF THE ASSISTANT SECRETARY

**MEMORANDUM FOR RECORD**

**FROM:** SAF/MII

**SUBJECT:** Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting

The AF/BCEG meeting was convened by Mr Boatright, SAF/MII, at 0900 hours on 24 February 1995, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, Co-Chairman  
Maj Gen Blume, AF/RT, Co-Chairman  
Mr. Beach, SAF/FM  
Mr. McCall, SAF/MIQ  
Maj Gen Heflebower, AF/PE  
Mr. Orr, AF/LGM  
Mr. Durante, SAF/AQX  
Mr. Kuhn, SAF/GCN  
Brig Gen McCarthy, AF/XOO  
Brig Gen Weaver, NGB/CF  
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Callaghan, AF/RTT  
Mr. Myers, AF/CEV  
Mr. Kelly, AF/DPP

The meeting was called to order by Maj Gen Blume. He summarized the meeting with the SECAF on 21 February 1995. The SECAF reviewed the Kirtland AFB realignment and the question of the SOF training. Cannon was viewed as not operationally sound as a receiver because of its lack of terrain features necessary for training. Holloman and Beale were also reviewed. After consideration of the operational aspects and terrain features, the enhancements from collocation with small aircraft units, and the potential future missions for which Beale AFB should be considered, the SECAF determined that Holloman AFB was the better beddown choice.

The SECAF then reviewed the changes to the cost data for the Brooks closure. It was noted that efforts to cross-service some of the workload were unsuccessful because the other services did not have adequate capacity to receive the workload. As a result, most of the base will relocate to Wright-Patterson AFB as previously briefed. The changes in the Onizuka AFB cost figures were also briefed.

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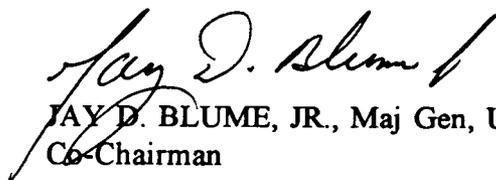
The SECAF then reviewed the proposal on the Bergstrom ARB closure, and approved this plan. Finally, the issue of missile defense and the closure of Grand Forks missile field was discussed. The SECAF reviewed the grading for all three missile fields, and the issues surrounding each as a potential closure. She determined that the Minot missile field would be the best alternative in the event the Grand Forks missile field was precluded from closure. This issue is still being considered.

After the summary of the SECAF meeting, the BCEG examined target closure years for the closure and realignment actions, using the slides at Atch 1. There was general consensus that the proposed dates were too lengthy. This will be refined during the site surveys and there is flexibility throughout the process to change these dates.

The BCEG then discussed the Malmstrom recommendation language regarding the inactivation of the Air Refueling Group. The BCEG agreed that the language should reflect a relocation of the unit rather than an inactivation. The BCEG also agreed that the language on Moffett Airfield should be a closure of the Moffett Federal Airfield Air Guard Station, and relocation of the unit.

Mr. Orr presented an administrative change to the previous slide on depot commodity consolidations. No numbers changed, but the ATE Software workload consolidation should reflect a consolidation at OC-ALC as well. In addition, a consolidation of Metal Manufacturing should have been shown at OC-ALC. The recommendation language is correct and this represents no change to the Air Force recommendation.

There being no further matters to discuss, the meeting was adjourned at 1000. The next BCEG meeting will be at the call of the Co-Chairmen.

  
JAY D. BLUME, JR., Maj Gen, USAF  
Co-Chairman

  
JAMES F. BOATRIGHT  
Co-Chairman

Attachment  
Closure Year targets

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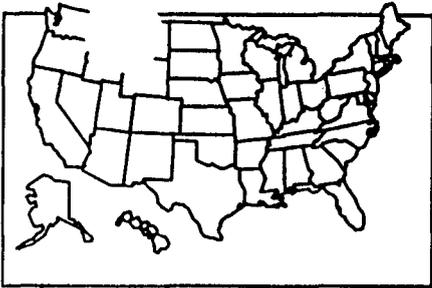
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# Base Closure Executive Group

## Proposed Target Years for BRAC 95 Actions

AIR FORCE ELECTRONIC WARFARE EVALUATION SIMULATOR ACTIVITY	FY98
BERGSTROM AIR RESERVE BASE	FY97
BROOKS AIR FORCE BASE	FY01
GREAT PITTSBURGH IAP AIR RESERVE STATION	FY97
MOFFETT FEDERAL AIRFIELD AIR GUARD STATION	FY97
NORTH HIGHLANDS AIR GUARD STATION	FY97
ONTARIO INTERNATIONAL AIRPORT AIR GUARD STATION	FY97
REAL-TIME DIGITALLY CONTROLLED ANALYZER PROCESSOR ACTIVITY	FY98
REESE AIR FORCE BASE	FY97
ROME LABORATORY	FY99
ROSLYN AIR GUARD STATION	FY97
SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT AIR GUARD STATION	FY97
AIR LOGISTICS CENTERS	FY98

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## Base Closure Executive Group

# Proposed Target Years for BRAC 95 Actions

EGLIN AIR FORCE BASE	FY98
GRAND FORKS AIR FORCE BASE	FY97
HILL AFB	FY98
KIRTLAND AIR FORCE BASE	FY01
MALMSTROM AIR FORCE BASE	FY97
ONIZUKA AIR STATION	FY98
GRIFFISS AFB- AIRFIELD SUPPORT FOR 10th INFANTRY (Light) DIVISION	FY98
LOWRY AIR FORCE BASE	FY97
HOMESTEAD AIR FORCE BASE- 301st Rescue Squadron	FY97
GRIFFISS AFB- 485TH EIG	FY96
WILLIAMS AIR FORCE BASE	FY96
HOMESTEAD AIR FORCE BASE- 726th Air Control Squadron	FY97

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