DCN 674

DoD Base Closure and Realignment
Report to the Commission

DEPARTMENT OF THE AIR FORCE

BASE CLOSURE EXECUTIVE GROUP MEETING MINUTES

(Volume II of III)

February 1995

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

12 OCT 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR SEE DISTRIBUTION

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 October 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
Brig Gen McCarthy, AF/XOO
Brig Gen Harris, AF/LGM
Dr. Wolff, AF/CE
Mr. Kuhn, SAF/GCN
Brig Gen Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Walters, AF/PE
Col Kraus, SAF/AQX
Col Mayfield, AF/RTR
Mr. Myers, AF/CEP
Lt Col Rodefer, AF/XOFC
Lt Col Bruggemeyer, AF/RTR
Mr. Carillo, AF/CEVP

The meeting was called to order by Mr. Boatright. He reported the results of the Review Group meeting. The military departments will be providing a "military value" to the JCSGs by October 14, 1994, and the recommendations for closure and realignment to OSD by January 3, 1995.

Lt Col Rodefer, AF/XOFC, briefed level playing field COBRA assumptions for Hurlburt and Whiteman AFBs, using the slides at Atch 1. The BCEG approved the briefed moves. Mr. Myers, AF/CEP, introduced the Criterion II grades for the Small Aircraft subcategory bases, using the computer database display.

When reviewing the Facility Capacity grades, the BCEG became concerned over the scores given to bases with no facilities of a particular type. Although the grading system is consistent, the BCEG requested that a footnote be placed in the report of the data to indicate that the BCEG is aware of the apparent anomalies. The BCEG then requested a review of the methodology used to evaluate Facility Condition and Capacity.

The BCEG questioned the Hospital and Dental facility condition codes for Cannon AFB. They also requested a review of the Luke and Cannon AFB Military Family Housing capacity grades. During the review of the rollup of all Criterion II subelements, some members of the BCEG were concerned that the weight given to Air Quality was high, and may result in overwhelming scores in other subelements. After discussion, the BCEG determined that the weights should not be changed since any change could be perceived as an attempt to alter the grades of individual bases and air quality is considered of prime importance.

Lt Col Bruggemeyer, AF/RTR, briefed the UPT JCSG analysis process and an initial consideration for how the results of the JCSG might be included in the Air Force analysis process, using the slides at Atch 2. He also listed some potential policy imperatives which could be provided by the Air Force to the JCSG for use in their evaluation. The BCEG directed the BCWG to further develop and refine this proposed analysis process for future consideration by the BCEG.

There being no further matters to discuss, the meeting was adjourned at 1255. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:

- Cannon Medical and Dental Facility Condition Code
- Luke and Cannon Military Family Housing Capacity
- Grading of Facility Condition and Capacity data
- Laughlin building condition report
- Laughlin utility and housing capacity
- Utility capacity grading scheme
- Including UPT JCSG product in AF analysis
- Luke MOA scores
- McGuire ANG assumptions
- Squadron size and number of units
- Contract Personnel numbers for Criterion VI
- Los Angeles AFB closure assumptions
- Hanscom AFB Unique Facilities
- Kirtland AFB Facility Condition
- Rome Lab Housing grades
- Laboratory Air Quality grades

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. COBRA assumptions
2. UPT JCSG process

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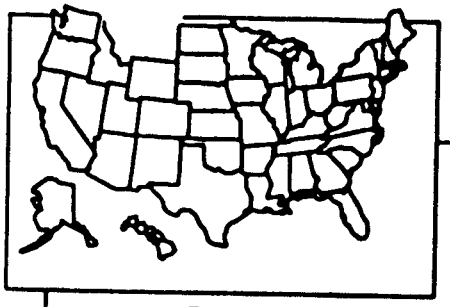
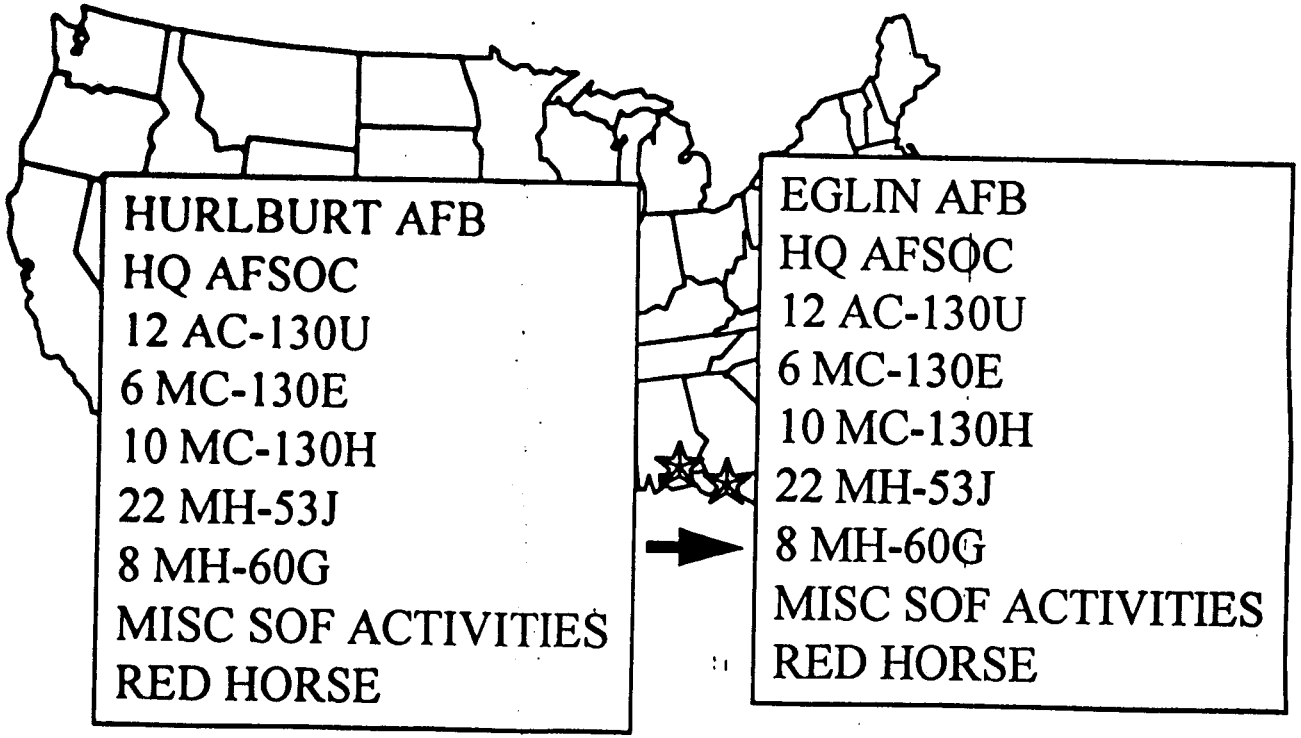
AF/LGM

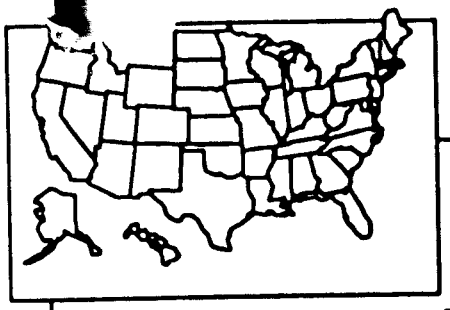


COBRA ASSUMPTIONS

SMALL AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

HURLBURT AFB, FL

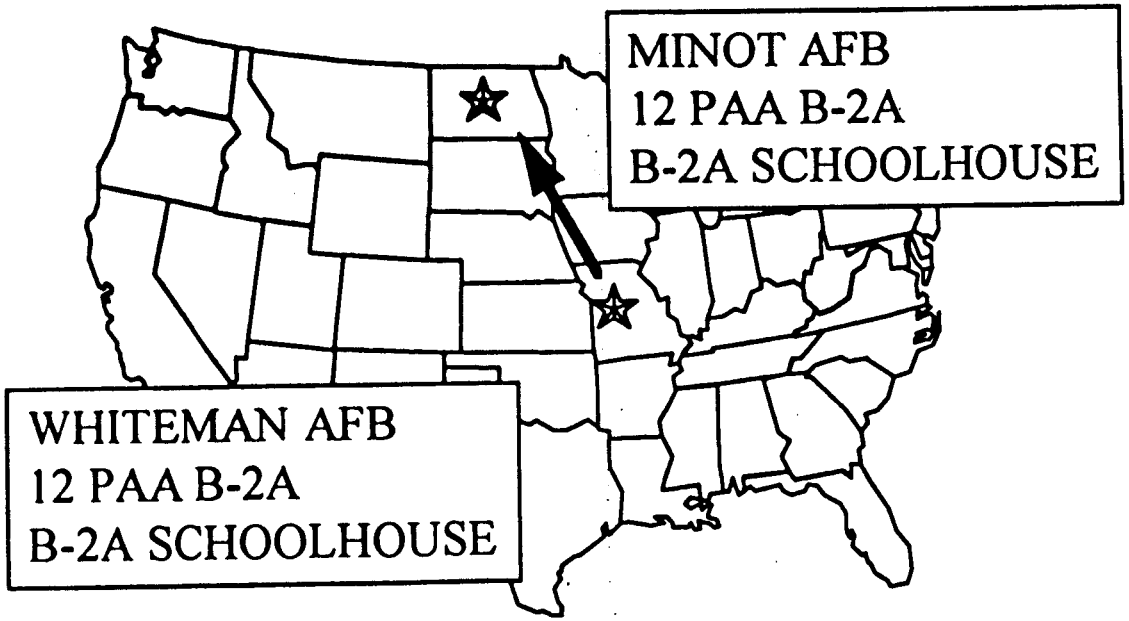




COBRA ASSUMPTIONS

LARGE AIRCRAFT, BOMBER FLYING FORCE STRUCTURE REALIGNMENTS

WHITEMAN AFB, MO



Undergraduate Pilot Training

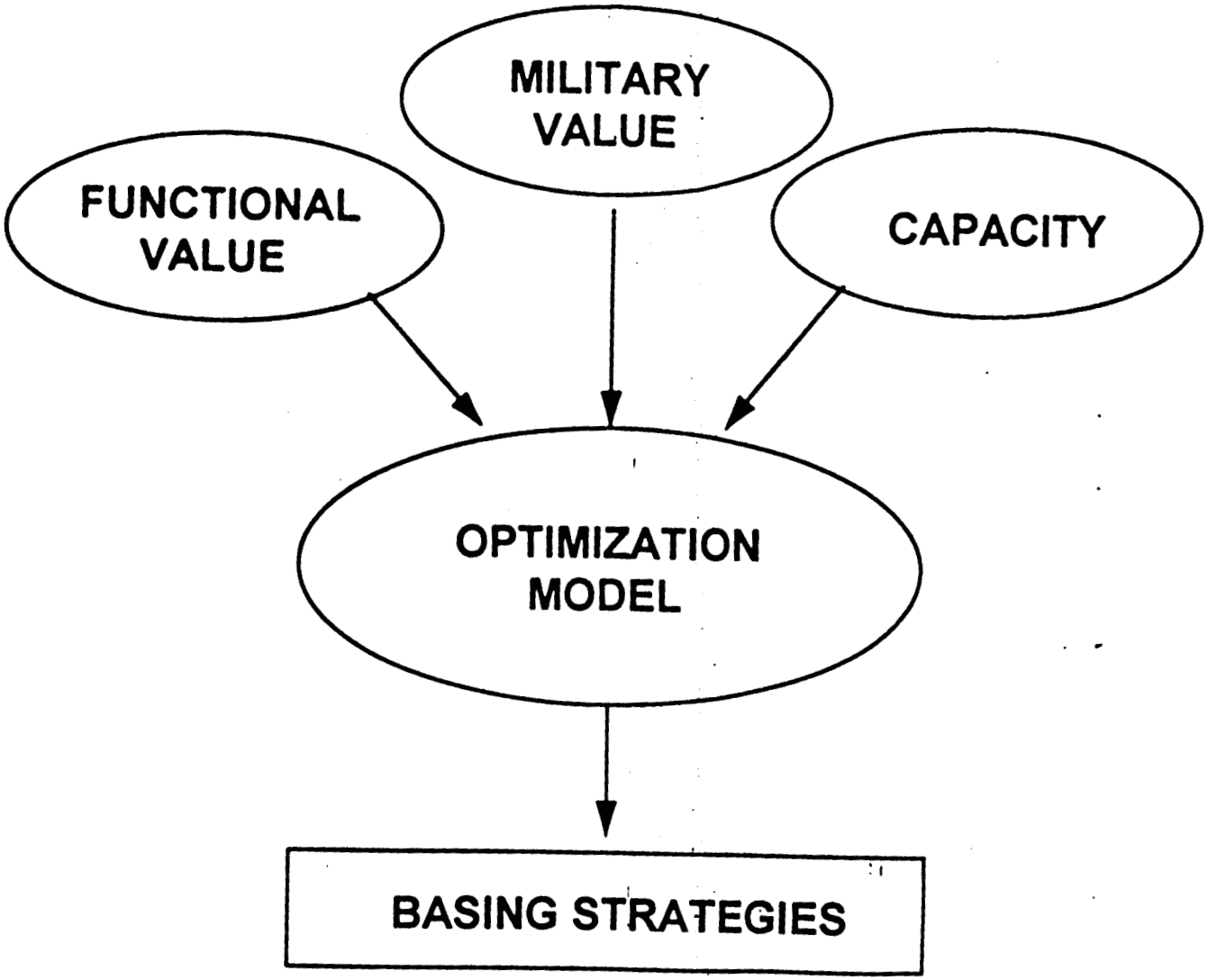
The Joint Analysis Process

ATCH 2

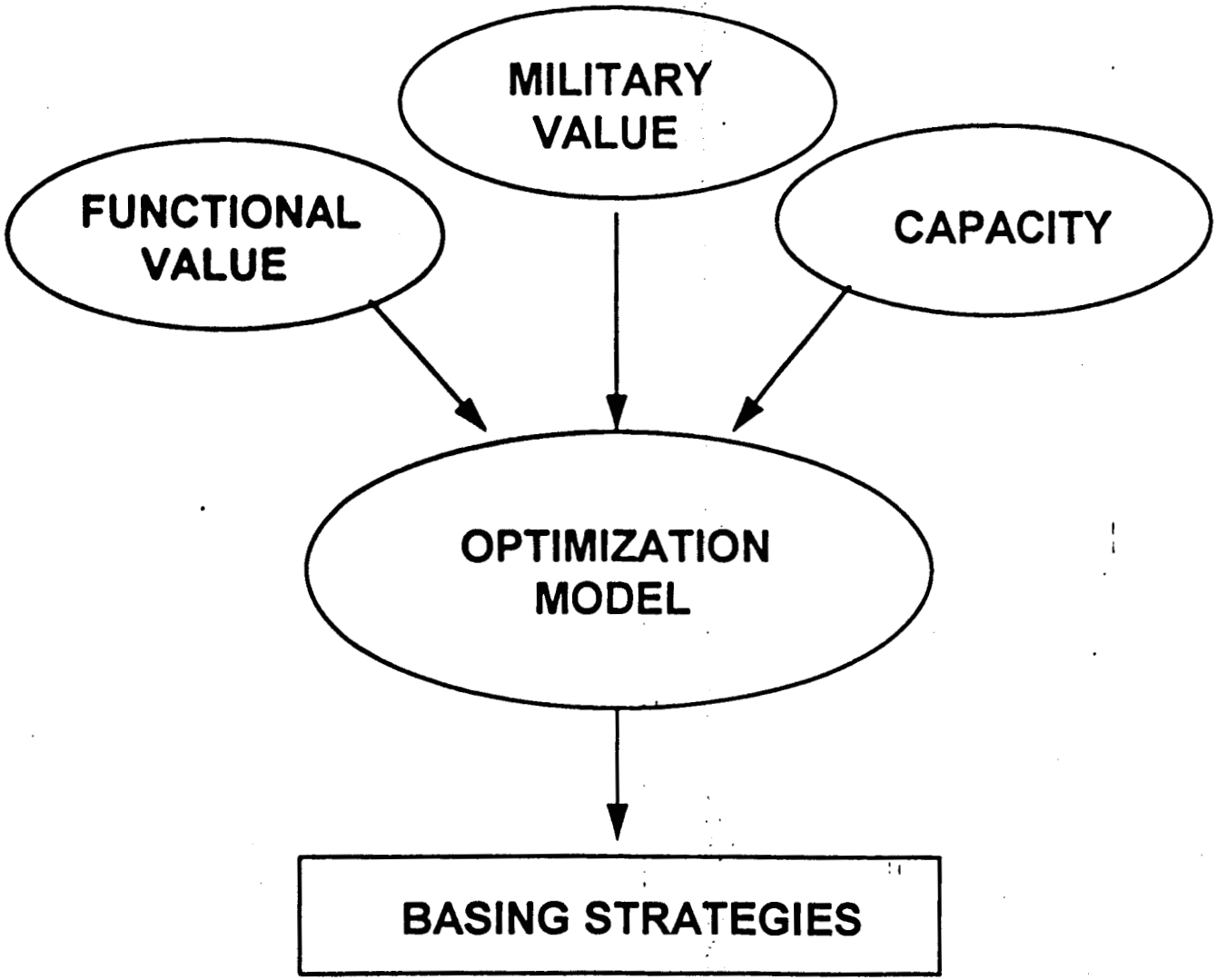
Bases Considered

- Air Force
  - Columbus, MS
  - Laughlin, TX
  - Randolph, TX
  - Reese, TX
  - Sheppard, TX
  - Vance, OK
- Navy
  - Corpus Christi, TX
  - Kingsville, TX
  - Meridian, MS
  - Pensacola, FL
  - Whiting Field, FL
- Army
  - Ft Rucker, AL

THE PROCESS


MILITARY VALUE
FUNCTIONAL VALUE
CAPACITY
OPTIMIZATION MODEL
BASING STRATEGIES

THE PROCESS


MILITARY VALUE
FUNCTIONAL VALUE
CAPACITY
OPTIMIZATION MODEL
BASING STRATEGIES

Functional Value Assessment

- Functional Areas
- Measures of Merit
- Exclusion Matrix
- DPAD Model
- Scoring

Functional Value Assessment: Functional Areas

Functional Areas	*Service*
Flight Screening	USAF
Primary Pilot	USAF/USN
Bomber/Fighter	USAF
Strike Adv E2/C2	USN
Airlift/Tanker	USAF
Maritime Int E2/C2	USN
Prim & Int Nav/NFO	USAF/USN
Adv NFO/WSO Strike	USAF/USN
Adv NFO Panel Nav	USAF/USN
Helicopter	USAF/USN/USA

Function Value Assessment: Measures of Merit

Measures of Merit	*Primary Pilot Scores*
Managed Training Areas	5
Weather	14
Airspace & Flight Training Areas	22
Airfields	24
Ground Training Facilities	10
Aircraft Maintenance Facilities	5
Special Military Facilities	0
Proximity to Training Areas	0
Proximity to Other Support Facilities	2
Unique Features	0
Air Quality	5
Encroachment	5
Services	8
Total	100 points

Functional Value Assessment: Exclusion Matrix

FUNCTION	Svc	A/C	COL	LAU	RAN	REE	SHP	VAN	CORP	KING	MER	PEN	WHT	FT RK
Flight Screen	USAF	T-3												
Primary Pilot	USN USAF	T-34 T-37 JPATS												X(2)
Airlift/Tanker	USAF	T-1											X(1)	X(1)
Int E2/C2 Adv Maritime	USN USAF	T-44												X(2)
Int & Adv Strike Adv E2/C2	USN	T-2 TA-4 T-45											X(1)	X(1)
Bomber/Fighter	USAF	T-38							X(1)				X(1)	X(1)
Helicopter	USN USAF USA	TH-57 UH-1 TH-67 OH-58	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)			
Primay & Int Nav/NFO	USN USAF	T-34 T-39												X(2)
Adv NFO/WSO Strike	USN USAF	T-39 T-2		X(3)		X(3)	X(3)	X(3)						
Adv NFO Nav Panel	USN USAF	T-43											X(1)	X(1)

1)Runway Length Constraints 2)Lack of Outlying Fields 3)Too Far From Water

Functional Value Assessment: D-PAD Model

- Weighted Multi-Criteria Decision Support Model
- Requirements
  - Criteria (Functional Areas)
  - Rating Scales (100 points for each of the 13 Areas)
  - Weights (Relative Importance of Measures of Merit)
- Scoring/Weighting
  - Weighted 13 Areas vis a vis Primary UPT Weights
  - Predominance of Points in Airfields/Airspace

Functional Value Assessment: Functional Value

- DPAD Model Results
  - Produce Relative Values
    - » Each Functional Area Judged
    - » One base = 10 Scores
- Quantitative Input Source
  - Joint Data Call
  - Similarity to AF Questionnaire

Functional Value Assessment: Similarity to AF Questionnaire

- Joint Group Analysis
  - 26% Section I
  - 39% Section II
  - 5% Section VII
  - 7% Section VIII
  - 7% Air Staff Data Base
  - 16% No Equivalent
- Overlapping Data Used
  - Difficulty Separating Pure "Section I" Operational Value

Functional Value Assessment: Color Grading

- 10 Funtional Areas Receive Grades
- USAF/USN Joint Training Initiative
  - Navigator Training at Randolph and Pensacola
  - "Eliminates" Three Functional Areas
    - » Advanced NFO/NAV Strike
    - » Advanced NFO/Nav Panel
    - » Primary & Intermediate Nav/NFO
- Helicopter Training Eliminated
  - Matrix

Functional Value Assessment: Color Grading (Cont)

- Six Functional Areas Remain
  - Flight Screening
  - Primary Pilot
  - Airlift/Tanker
  - Bomber/Fighter
  - Intermediate E2/C2 Advanced Maritime
  - Intermediate & Advanced Strike Advanced E2/C2

- Numeric Scores to Color Codes
  - Standard Deviation Methodology
  - Consistent with AF Depot Grading

Functional Value Assessment: Color Grading (Cont)

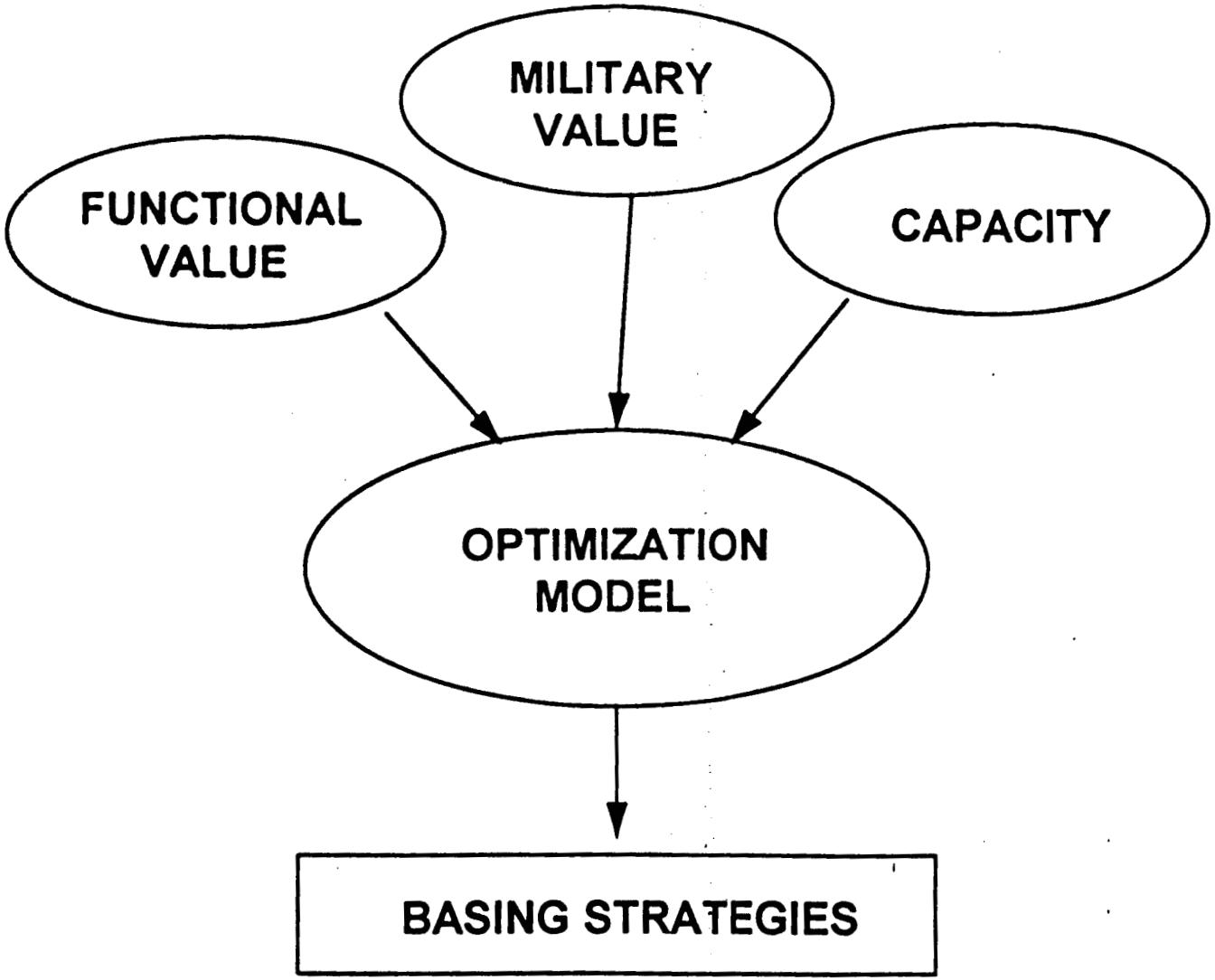
BASES	Primary	Airlift Tanker	Maritime E2/C2	Strike Adv E2/C2	Bomber Fighter	Prim/Int Nav/NFO	WSO Strike	Panel Nav	Total	Mean
A	9	8	8	6.5	7.5	6	7	9	61	7.625
B	8 5	7 5	8	7	6	8	5	6	56	7.285714
C	5	6	9	5	7	8	6	6	52	6.5
D	7 5	6 5	8 5	9	6.5	4	3	7	52	7
E	6	4	4	4	3	4	6	5	36	4.285714
F	6	6	7	6.5	5	6	3	6	88	6.071429

Mean of Average	Std Dev of Average
6.46130952	1.20089341

Base Ranking	
	A
	B
	D
	C
	F
	E

Color Grades	
A	G
B	G
D	G
C	G-
F	Y+
E	R

THE PROCESS


MILITARY VALUE
FUNCTIONAL VALUE
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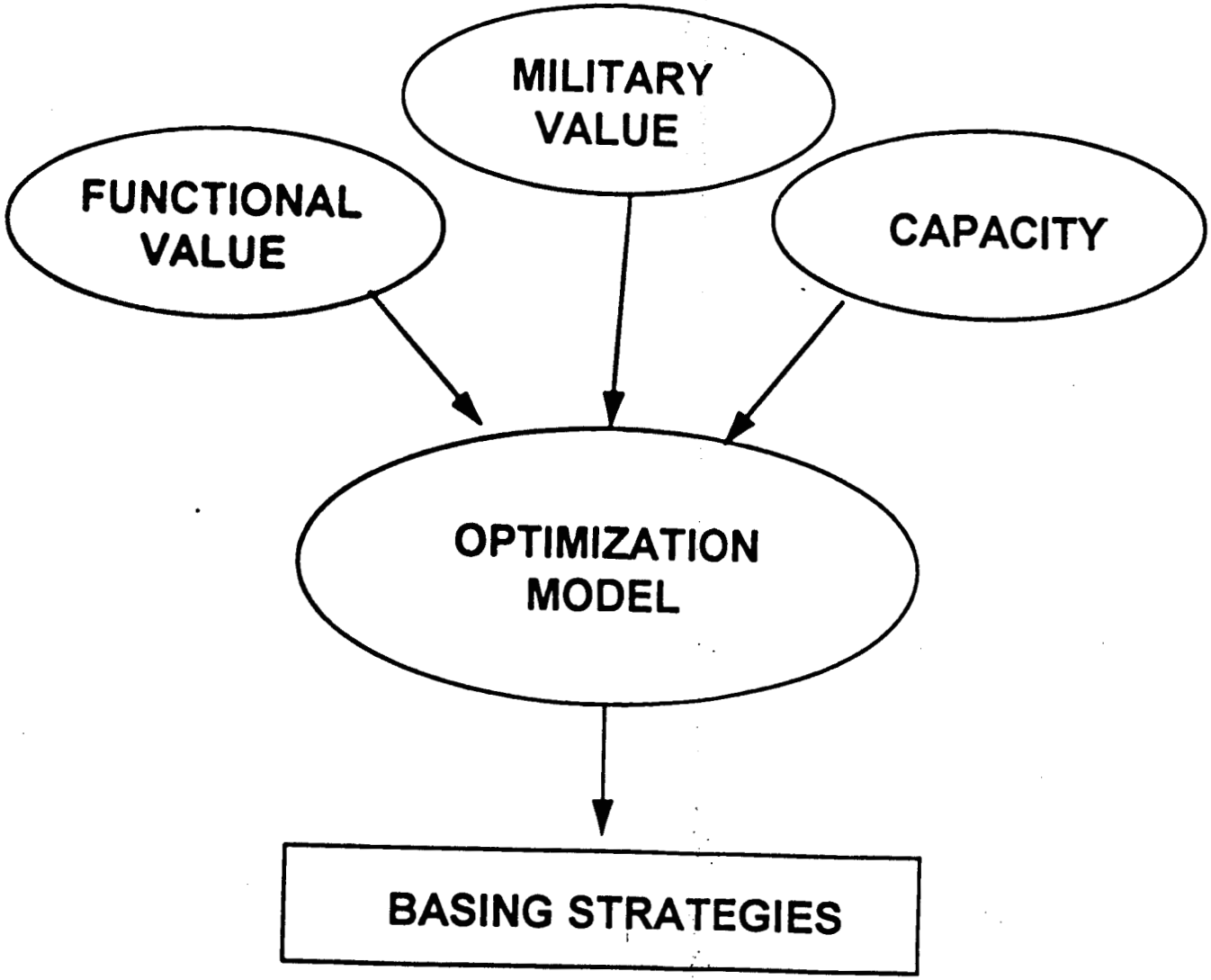
OPTIMIZATION MODEL
BASING STRATEGIES

Capacity Analysis

- Number of Excess Bases Not Provided

- Excess Presented as Several Factors
  - Training Sorties
  - Airfield Operations
  - Airspace
  - Ground Training
  - Pavements
  - Hangars
  - Maintenance
  - Supply/Storage
  - Housing

THE PROCESS


MILITARY VALUE
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Military Value

- From Military Departments
  - Functional Value supplied so BCEG can return Military Value to joint group
- Exclusions
  - Same Restriction for Joint as Air Force
    - » Militarily/Geographically Unique
    - » Mission Essential
- Remaining Input = Policy Imperatives

Military Value (cont)

- Policy Imperatives
  - Shape the Playing Field
- Possible Air Force Imperatives
  - Adopt USAF/USN Position on Navigator Training
    - » Effect: Randolph and Pensacola Receive Only
  - Only Air Force Bases will Accomplish Flight Screening
  - Fighter/Bomber Training at Bases within 75nm of Scorable Air-to-Ground Range
  - Introduction to Fighter Fundamentals collocated at Fighter/Bomber bases
  - Sheppard AFB "receive only"

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

19 OCT 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR SEE DISTRIBUTION

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 5 October 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 McCarthy, AF/XOO
Brig Gen Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Brig Gen Courter, AFMC/CE
Mr. Goldstayn, AF/BCWG
Mr. Mleziva, AF/BCWG
Col Walters, AF/PE
Col Mayfield, AF/RTR
Mr. Myers, AF/CEP

The meeting was called to order by Mr. Boatright. He described the direction under which the BCEG is to proceed for the present, which is to press on with the analysis, including tiering of bases by category. The determination of whether and when to provide a "military value" to the JCSGs is still pending. Mr. Boatright also introduced Brig Gen Courter, AFMC/CE, who will assist in the very difficult evaluation of the cost of moves for AFMC activities.

Mr. Goldstayn presented the functional analysis for Eglin AFB under Criterion I using the slides at Atch 1. When compared to the other test and evaluation activities, Eglin receives a

Green grade for its test and evaluation function under Criterion I. The BCEG approved the grade as presented.

Mr. Mleziva presented the functional value for the Laboratory bases under Criterion I, using the slides at Atch 2. The BCEG questioned the scores given to the Priority subelements of Preeminence and In House Capability, and requested that SAF/AQ discuss these grades with the BCEG. Some BCEG members felt that the Brooks Laboratory should be scored higher for these subelements because of the importance of studying the man/machine interface, or aviation physiology, during high performance flight.

During the discussion, the BCEG determined that the lab at the former Williams AFB in Mesa, Arizona, and the product center activities at the former Norton AFB, California, will receive the lowest military value score, since both bases are already closed. The BCEG also requested that the slides refer to Williams as Mesa, and Norton as San Bernadino. The BCEG postponed approval of the functional value grades until the Priority subelement issues are resolved.

Mr. Myers, AF/CEP, presented matters related to housing and facility condition and capacity as raised in previous BCEGs, using the slides at Atch 3. He provided corrected data or confirmations of earlier data for Laughlin AFB in the areas of infrastructure condition, housing capacity, and utility capacity, Cannon AFB for housing and facility condition, and Luke AFB for housing. He then proposed a new method of scoring Utility Capacity and Facility/Infrastructure Condition subelements. The BCEG approved the briefed data as well as the new method of scoring Utility Capacity, but reserved the issue of whether to use the new methodology for Facility Condition grading until the impact on the process of using the new grading method is analyzed.

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:

- Priority subelement grades for Brooks Lab
- Including UPT JCSG product in AF analysis
- Luke MOA scores
- McGuire ANG assumptions
- Squadron size and number of units
- Contract Personnel numbers for Criterion VI
- Los Angeles AFB closure assumptions
- Hanscom AFB Unique Facilities
- Kirtland AFB Facility Condition
- Rome Lab Housing grades
- Laboratory Air Quality grades

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. T&E Functional Value
2. Lab Functional Value
3. AF/CE Admin

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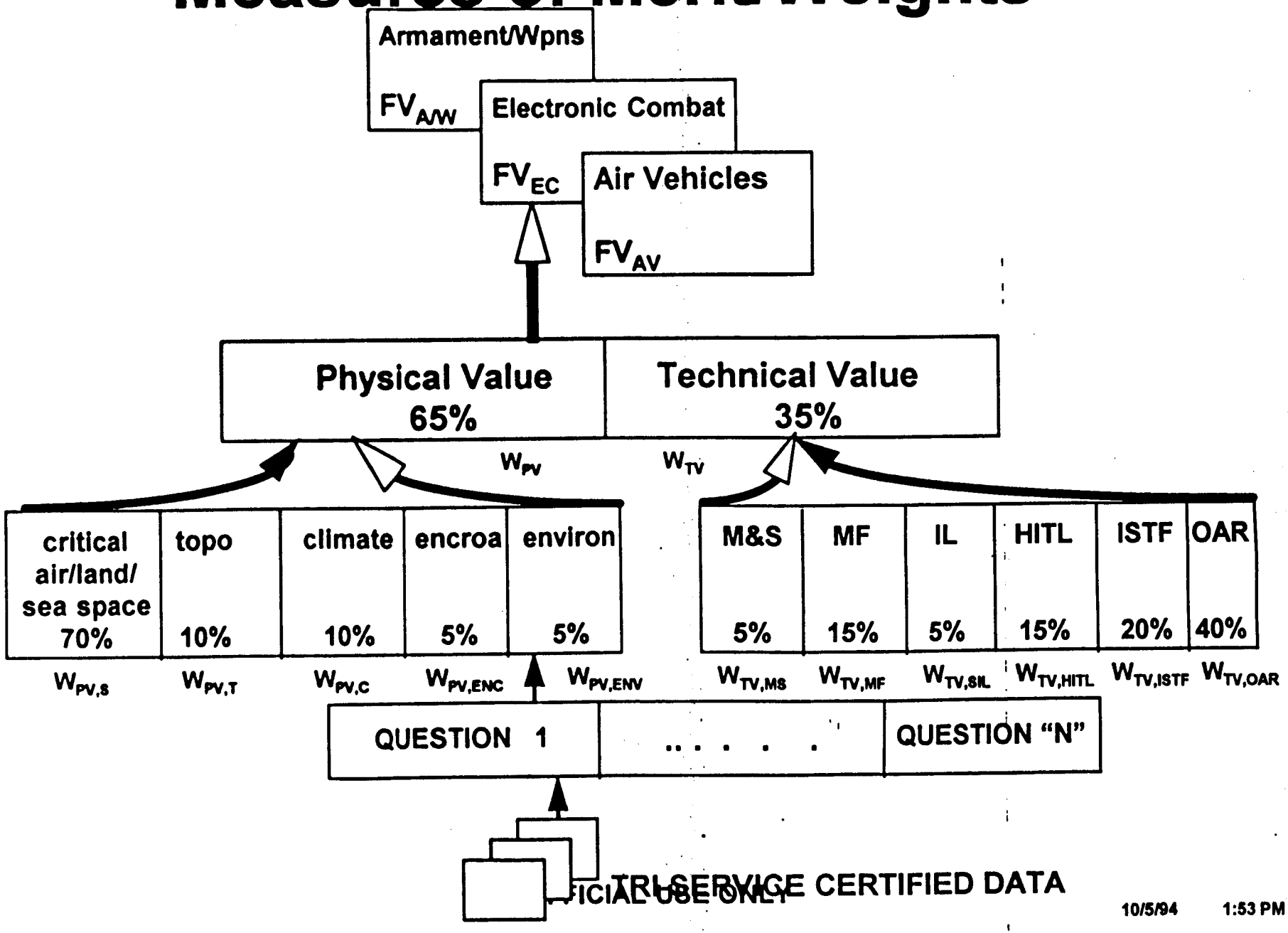
Air Force T&E Determination of Functional Value for Eglin AFB

Measures of Merit/Weights



T&E Mission Assessment (Eglin)

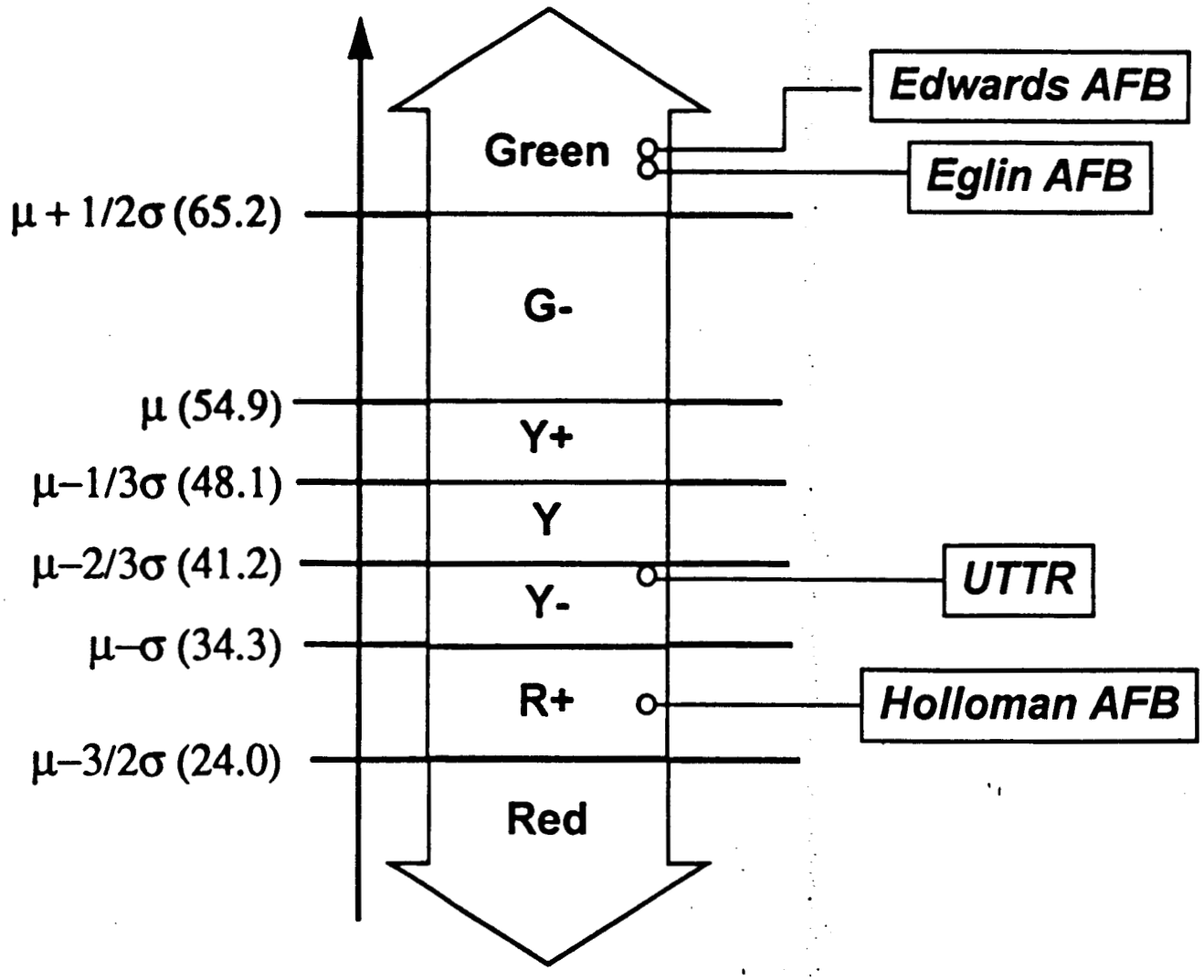
Test Resources (Weight)	Physical Value (65%)						Technical Value (35%)								
	Critical Space 70%	Tape 10%	Climate 10%	Encr 5%	Envir 5%	Physical Value Score*	M&S 5%	MF 10%	S/L 5%	HITL 15%	ISTF 20%	OAR 40%	Technical Value Score**	T&E Functional Value	T&E Functional Color
Armaments/ Weapons (Primary – 70%)	88.4	58.0	99.0	88.2	100.0	87.0	96.0	91.0	0.0	100.0	58.0	84.8	79.1	84.2	G
Electronic Combat (Secondary – 15%)	77.1	64.0	100.0	88.2	100.0	79.8	99.0	85.0	0.0	100.0	58.0	89.0	82.2	80.6	G
Air Vehicles (Secondary – 15%)	79.7	58.0	98.8	88.2	100.0	80.9	0.0	100.0	0.0	100.0	0.0	81.1	62.4	74.4	G

T&E Activity Value Color ***

G

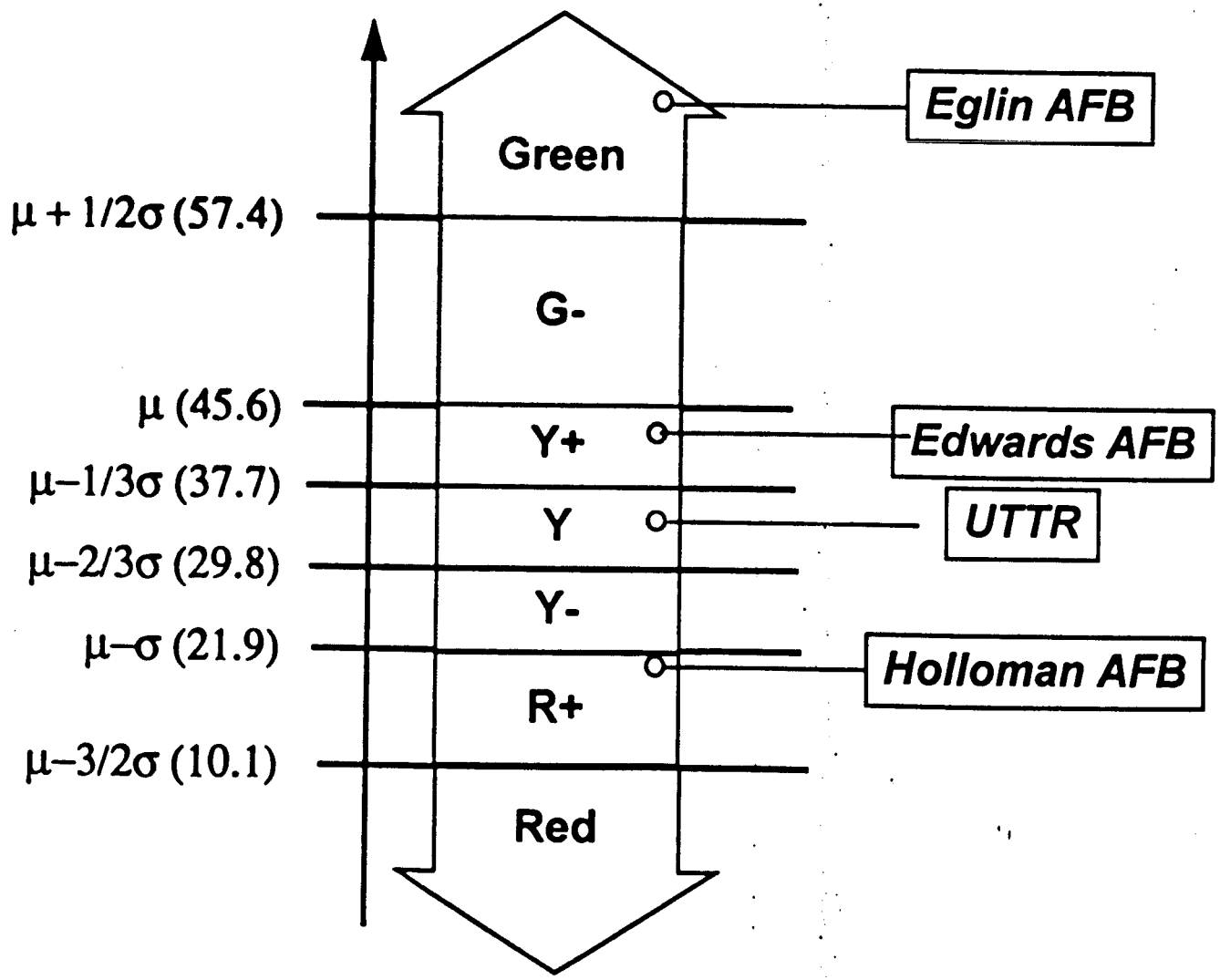
* Sum of weighted PV Scores
** Sum of weighted TV Scores
*** Based on "Roll-Up"

Air Vehicle Relative Scores



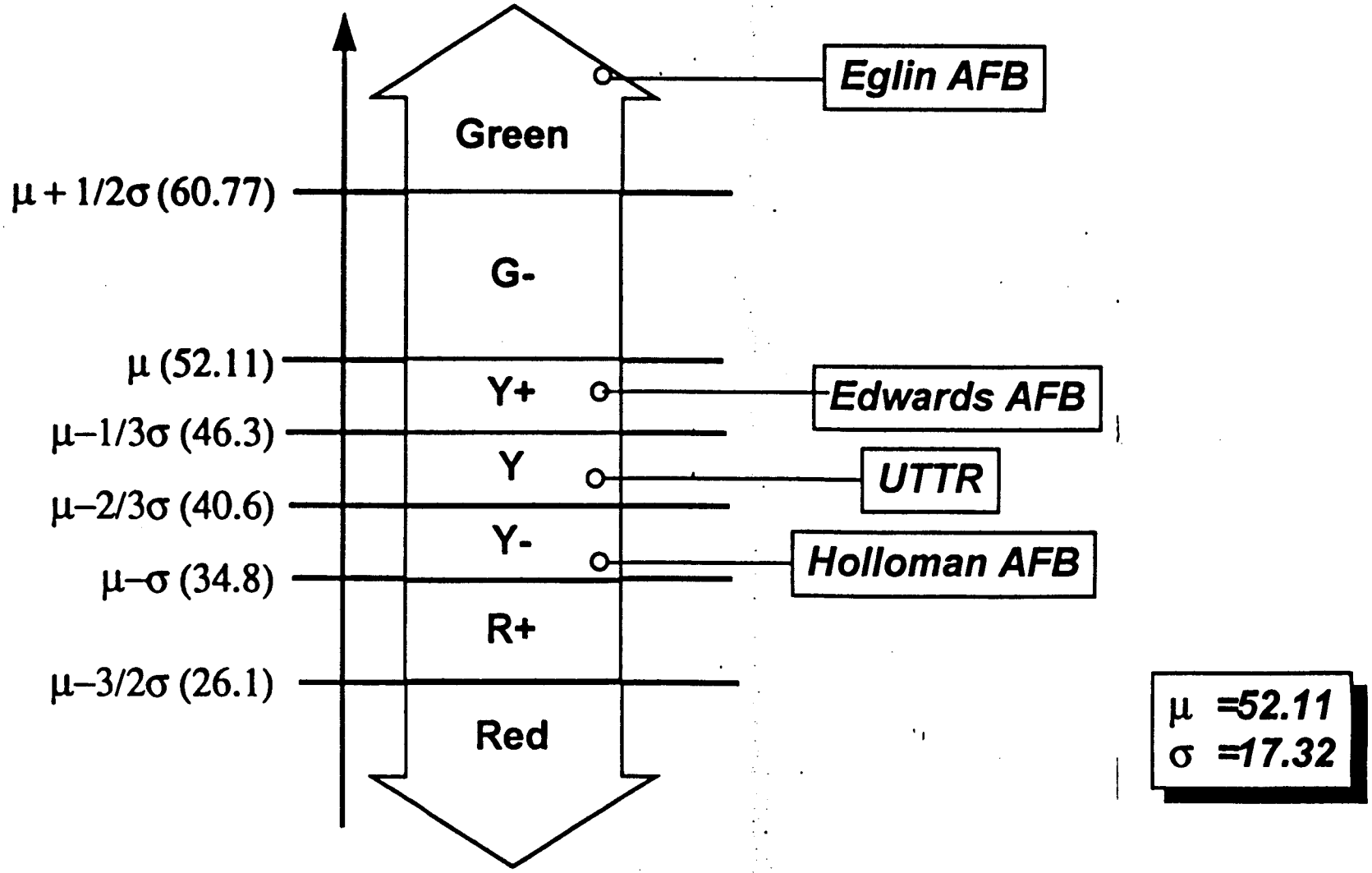
μ =54.92
σ =20.58

Armament Weapons Relative Scores



μ =45.56
σ =23.63

Electronic Combat Relative Scores



Recommendation

- Recommend BCEG score Criteria I for T&E for Eglin AFB as "G"

Air Force Lab/Product Center ("Labs") Functional Value Briefing

Purpose

- Present results of Air Force process to qualitatively assess Air Force labs and product centers

Analysis Includes

- Evaluation of 14 activities (8 bases) including Mesa, AZ (Williams AFB) and San Bernadino, CA (Norton AFB)
- All CSFs currently employed by Air Force labs
- Consistent standard distribution method approved by SAF/GC (used by both T&E and depots)
- AF budget and FFRDC data from SAF/AQX

Measures of Merit/Weights

- **Priority** 25%
  - Budgeted
  - Air Force Pre-eminence
  - In-House Capability
- **Workload** 25%
  - Number of Major Programs
  - Direct Funding/Other Obligation Authority
  - Work Years
- **Personnel** 25%
  - Total Number/Type
  - Education/Experience
  - Quality
- **Facilities and Equipment** 10%
  - Replacement Cost
  - Square Footage
- **Location** 15%
  - Geographical/Climatological Features
  - Proximity to Mission Related Activities
  - Environmental Constraints
  - Special Support Infrastructure

Priority Roll-up

Location	Activity		Priority			
Brooks	AL	Lab				Y
	HSC	Product Center				Y
Hanscom	ESC	Product Center				
	PL	Lab				Y+
	RL	Lab				
Kirtland	PL	Lab				
LAAFB	SMC	Product Center				
Norton	SMC	Product Center			Y	
Rome, NY	RL	Lab				
Williams	AL	Lab				Y
WPAFB	ASC (Mod Cntr)	Product Center		Y+	Y	Y+
	ASC (SPOs)	Product Center				
	AL	Lab				Y
	WL	Lab				

Workload Roll-up

Location	Activity		[illegible]	[illegible]	[illegible]	[illegible]
Brooks	AL	Lab	Y-	Y		Y+
	HSC	Product Center		Y+	Y-	Y+
Hanscom	ESC	Product Center				
	PL	Lab	Y-	Y		Y-
	RL	Lab		Y	Y-	Y+
Kirtland	PL	Lab		Y		Y
LAAFB	SMC	Product Center		Y		
Norton	SMC	Product Center	Y-		Y-	Y-
Rome, NY	RL	Lab	Y-	Y		Y+
Williams	AL	Lab		Y		Y+
WPAFB	ASC (Mod Cntr)	Product Center	Y-	Y-		Y-
	ASC (SPOs)	Product Center				
	AL	Lab		Y		Y+
	WL	Lab		Y		

Personnel Roll-up

Location	Activity		Personnel					
			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Personnel (75%)
Brooks	AL	Lab	Y-		Y-		Y-	Y
	HSC	Product Center			Y+	Y	Y	Y
Hanscom	ESC	Product Center				Y	Y	
	PL	Lab	Y-					Y+
	RL	Lab						Y+
Kirtland	PL	Lab			Y-	Y-		Y+
LAAFB	SMC	Product Center		Y+	Y+	Y	Y	Y+
Norton	SMC	Product Center	Y-	Y+		Y	Y	Y+
Rome, NY	RL	Lab						Y+
Williams	AL	Lab				Y-		Y
WPAFB	ASC (Mod Cntr)	Product Center	Y-	Y-		Y	Y	Y
	ASC (SPOs)	Product Center				Y	Y	
	AL	Lab			Y+	Y-		Y
	WL	Lab						

Facilities/Equipment Roll-up

Location	Activity	[illegible]	Facilities	[illegible]	Facilities (O/S)
Brooks	AL	Lab	Y		Y+
	HSC	Product Center	Y		Y+
Hanscom	ESC	Product Center	Y		Y+
	PL	Lab	Y		Y+
	RL	Lab	Y		Y+
Kirtland	PL	Lab			
LAAFB	SMC	Product Center	Y+	Y	Y+
Norton	SMC	Product Center	Y	Y	Y
Rome, NY	RL	Lab	Y+		
Williams	AL	Lab	Y	Y	Y
WPAFB	ASC (Mod Cntr)	Product Center	Y		Y+
	ASC (SPOs)	Product Center			
	AL	Lab	Y		Y+
	WL	Lab			

Location Roll-up

Location	Activity		Location				Location (15%)
Brooks	AL	Lab	Y				Y -
	HSC	Product Center					Y -
Hanscom	ESC	Product Center	Y				Y -
	PL	Lab					Y -
	RL	Lab					Y -
Kirtland	PL	Lab					Y
LAAFB	SMC	Product Center	Y				Y -
Norton	SMC	Product Center					
Rome, NY	RL	Lab					Y -
Williams	AL	Lab					Y -
WPAFB	ASC (Mod Cntr)	Product Center					Y
	ASC (SPOs)	Product Center					Y
	AL	Lab					Y -
	WL	Lab					Y

Activity Summary

Location	Activity	[redacted]	Priority (25%)	Workload (25%)	Personnel (25%)	Facilities (10%)	Location (15%)	[redacted]	[redacted]
Brooks	AL	Lab	Y	Y-	Y	Y+	Y-	Y	Y
	HSC	Product Center	Y	Y-	Y	Y+	Y-	Y	
Hanscom	ESC	Product Center				Y+	Y-		
	PL	Lab	Y+	Y-	Y+	Y+	Y-	Y	
	RL	Lab		Y-	Y+	Y+	Y-	Y+	
Kirtland	PL	Lab		Y	Y+		Y-	Y+	Y+
LAAFB	SMC	Product Center			Y+	Y+	Y-	Y+	Y+
Norton	SMC	Product Center		Y-	Y+	Y		Y	Y
Rome, NY	RL	Lab		Y+	Y+		Y-	Y+	Y+
Williams	AL	Lab	Y	Y+	Y	Y	Y-	Y	Y
WPAFB	ASC (Mod Cntr)	Product Center	Y+	Y-	Y	Y+	Y	Y	
	ASC (SPOs)	Product Center					Y		
	AL	Lab	Y	Y	Y	Y+	Y-	Y	
	WL	Lab					Y		

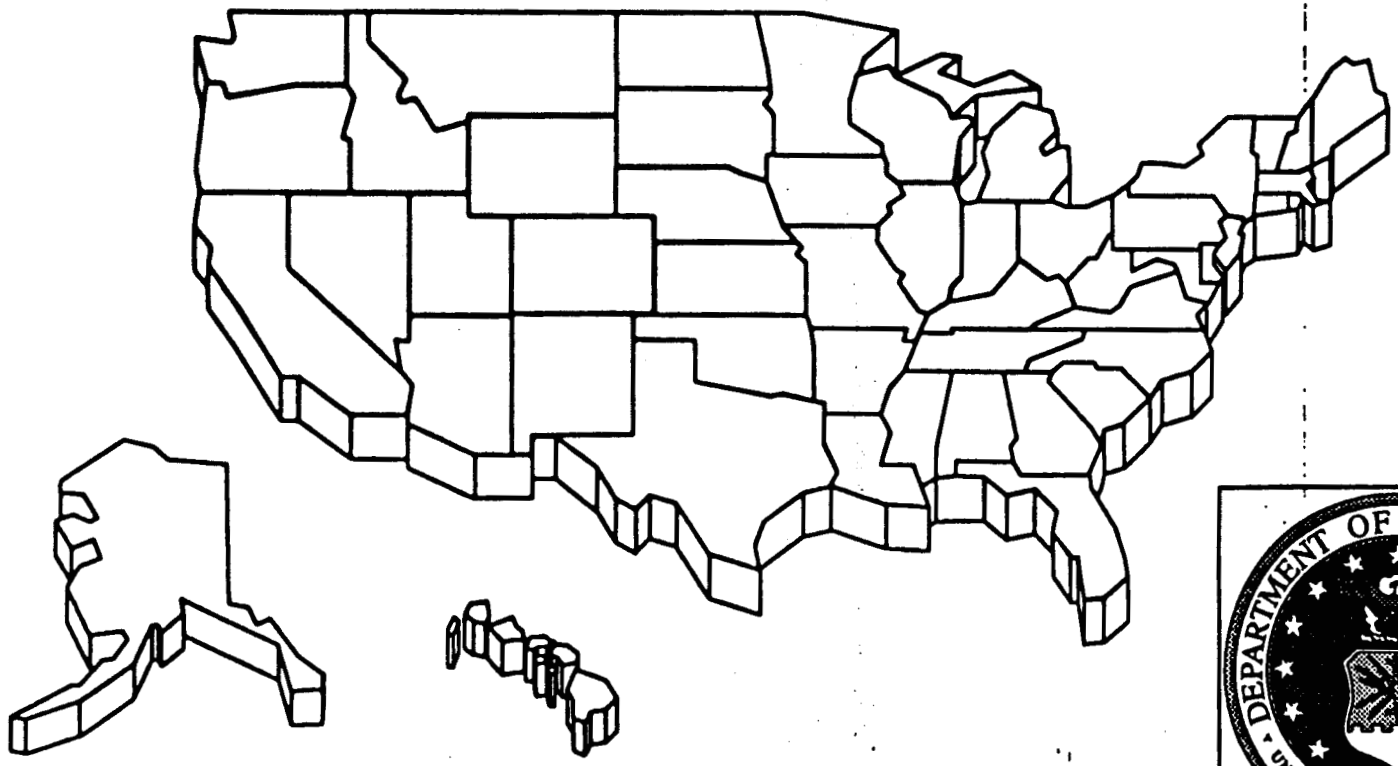
Installation Summary

Location	Activity	[illegible]	[illegible]	[illegible]
Brooks	AL	Lab	Y	Y
	HSC	Product Center	Y	
Hanscom	ESC	Product Center		
	PL	Lab	Y	
	RL	Lab	Y +	
Kirtland	PL	Lab	Y +	Y +
LAAFB	SMC	Product Center	Y +	Y +
Norton	SMC	Product Center	Y	
Rome, NY	RL	Lab	Y +	Y +
Williams	AL	Lab	Y	Y
WPAFB	ASC (Mod Cntr)	Product Center	Y	
	ASC (SPOs)	Product Center		
	AL	Lab	Y	
	WL	Lab		

Summary

- **Results of process presented for:**
  - Brooks AFB - Rome, NY
  - Hanscom AFB - Mesa, AZ (Williams AFB)
  - Kirtland AFB - Wright Patterson AFB
  - Los Angeles AFB
  - San Bernadino, CA (Norton AFB)
- **Need tiers assigned for**
  - Brooks AFB - Rome, NY
  - Hanscom AFB - Mesa, AZ (Williams AFB)
  - Kirtland AFB - Wright Patterson AFB
  - Los Angeles AFB - *Tinker AFB*
  - San Bernadino, CA (Norton AFB)
  - *Peterson AFB* - *Hill AFB*
  - *Tyndall AFB* - *Kelly AFB*
  - *Eglin AFB* - *McClellan AFB*
  - *Edwards AFB* - *Robins AFB*

Section II Admin Remarks



Ham Myers

Section II Updates

- Data validation
- Utility capacity scoring
- Facility/Infrastructure condition scoring

Data Validations

- Laughlin

Cat Code	Title	Condition Code 1	Condition Code 2
111	Runway	21% to 64%	79% to 36%
113	Apron	1% to 10%	99% to 90%
812	Elec	34% to 75%	66% to 25%
842	Water	20% to 40%	80% to 60%
851	Roads	18% to 80%	82% to 20%
852	Parking	16% to 45%	85% to 55%

Data Validations

- Laughlin
  - Housing deficit: -137 to -28
  - Elec capacity: 8.87 MW to 15.9 MW
  - Elec use: 100% to 56%

Data Validations

- Cannon
  - Housing deficit: No change (-466)
  - Condition Code 1
    - Cat code 510 (medical): No change (1%)
    - Cat code 540 (dental): No change (0%)
- Luke
  - Housing deficit: No change (-437)

Base Closure Facility Analysis

Utilities Excess Capacity

- Current rating method
  - Uses normal distribution
- Proposed method
  - Direct score

Proposed Rating Method Using Direct Score

Measurement Criteria

Excess capacity (EC)

EC $\geq$ 10%:	G
10% > EC > 0% :	Y
EC = 0% :	R

Proposed Rating Method

Direct Score

Utility	Capacity To Support Increased Usage (%)	Utility Score
Electric	5	Y
Water	12	G
Sewage	7	Y
Roll up rating		Y+

Facility/Infrastructure Condition

- Current method - normal distribution
  - Rating based on composite score compared to mean and standard deviation
  - Null values penalize
- Proposed method - stop lights
  - Equal weighting for each category code
  - Condition only scored for facilities on the base
  - Set goal posts

Frequency Distribution
Facility Condition

Frequency	Count	% of Total	Cum %	
1.0-0.9	662	41%	41%	Green
0.9-0.8	146	9%	50%	
0.8-0.7	123	8%	57%	
0.7-0.6	130	8%	65%	Yellow
0.6-0.5	94	6%	71%	
0.5-0.4	90	6%	76%	
0.4-0.3	73	4%	81%	
0.3-0.2	57	3%	84%	Red
0.2-0.1	58	4%	88%	
0.0-0.1	196	12%	100%	

Frequency Distribution
Infrastructure Condition

Frequency	Count	% of Total	Cum %	
1.0-0.95	452	52%	52%	Green
0.95-0.90	57	7%	58%	
0.9-0.8	76	9%	67%	Yellow
0.8-0.7	50	6%	73%	
0.7-0.6	29	3%	76%	
0.6-0.5	27	3%	79%	
0.5-0.4	26	3%	82%	
0.4-0.3	29	3%	85%	Red
0.3-0.2	21	2%	88%	
0.2-0.1	27	3%	91%	
0.0-0.1	80	9%	100%	

Current Grading Results

BASE	CAT CODE	COND CODE 1	CURRENT CAPACITY	FACILITIES CONDITION - BASE MEAN	STDDEV	-1 STDDEV	SCORE
Xray	131	80.0%	30,000	0.91	0.10	0.81	1
	141	90.0%	15,000	0.83	0.16	0.66	5
	211	0.0%	0	0.84	0.09	0.74	0
	310	0.0%	0	0.69	0.44	0.25	0
	610	85.0%	350,000	0.82	0.18	0.64	5
	730	66.0%	20,000	0.58	0.38	0.19	5
SUM							16
Yankee	131	99.4%	3,000	0.91	0.10	0.81	5
	141	64.0%	50,000	0.83	0.16	0.66	1
	211	77.0%	150,000	0.84	0.09	0.74	3
	310	38.0%	300,000	0.69	0.44	0.25	3
	610	63.0%	250,000	0.82	0.18	0.64	1
	730	16.0%	180,000	0.58	0.38	0.19	1
SUM							14
Zebra	131	95.0%	50,000	0.91	0.10	0.81	5
	141	94.0%	150,000	0.83	0.16	0.66	5
	211	90.0%	1,000,000	0.84	0.09	0.74	5
	310	100.0%	500,000	0.69	0.44	0.25	5
	610	98.0%	800,000	0.82	0.18	0.64	5
	730	91.0%	200,000	0.58	0.38	0.19	5
SUM							30

Proposed Grading Results

BASE	CAT CODE	COND CODE 1	CURRENT CAPACITY	FACILITIES CONDITION - BASE			
				GRADE	Weight	Grade x Wt	RATING
Xray	131	80.0%	30,000	1	0.25	0.250	
	141	90.0%	15,000	1	0.25	0.250	
	211	0 0%	0	NG			
	310	0 0%	0	NG			
	610	85 0%	350,000	1	0.25	0.250	
	730	66.0%	20,000	0	0.25	0.000	
SUM						0.750	G-
Yankee	131	99.4%	3,000	1	0.17	0.167	
	141	64.0%	50,000	0	0.17	0.000	
	211	77.0%	150,000	0	0.17	0.000	
	310	38.0%	300,000	-1	0.17	-0.167	
	610	63.0%	250,000	0	0.17	0.000	
	730	16.0%	180,000	-1	0.17	-0.167	
SUM						-0.167	Y-
Zebra	131	95.0%	50,000	1	0.17	0.167	
	141	94.0%	150,000	1	0.17	0.167	
	211	90.0%	1,000,000	1	0.17	0.167	
	310	100.0%	500,000	1	0.17	0.167	
	610	98.0%	800,000	1	0.17	0.167	
	730	91.0%	200,000	1	0.17	0.167	
SUM						1.000	G

Green: ≥ 80% **80% > Yellow ≥ 50%** **Red < 50%**

Comparison
Current vs Proposed

Current

BASE	FACILITIES CONDITION - BASE				
	COMP SCORE	MEAN	STDDEV	-1 STDDEV	RATING
Xray	16	20.00	8.72	11.28	Y
Yankee	14	20.00	8.72	11.28	Y
Zebra	30	20.00	8.72	11.28	G

Proposed

BASE	FACILITIES CONDITION - BASE		
	Weight/ Cat Code	Sum of Grade x Wt	Rating
Xray	0.25	0.75	G-
Yankee	0.17	-0.17	Y-
Zebra	0.17	1.00	G

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

14 OCT 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR SEE DISTRIBUTION

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 October 1994, in Room 5D1027, the Pentagon. The following personnel were in attendance:

a. AF/BCEG members:

Mr. Boatright, SAF/MII, 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 McCarthy, AF/XOO
Brig Gen Arnold, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Mr. Mattice, SAF/AQ
Mr. Mleziva, AF/BCWG
Col Mayfield, AF/RTR
Lt Col Ledbetter, AFLSA/JACE

The meeting was called to order by Mr Boatright. Lt Col Donnalley, AF/RTR, presented a clarification of the grading scheme for the Future Growth subelement of the Air Quality subelement, using the slide at Atch 1 Lt Col Ledbetter, AFLSA/JACE, provided an explanation of the grading scheme. The chart clarifies the grading of the Future Growth subelement, since there was some confusion over the wording contained in the original BCEG-approved subelement. The grading of this subelement captures the ability of a base to accept growth of its mission in the future. The BCEG requested several pen and ink changes to clarify the chart, and approved the grading scheme.

Mr. Mleziva introduced Mr. Mattice, SAF/AQ, who explained his rationale for the rating given to Brooks AFB laboratory and product center activities for the Priority subelement under Criterion I. Although the laboratory research of high performance aircraft and human physiology is vital, there are two factors that drive a low priority grade for Brooks under both the Air Force

Preeminence and Air Force In-House capability subelements. First, aviation physiology is just one of 19 common support functions included in the Brooks AFB laboratory activity, and the priority grades reflect the overall activity. Second, although aviation physiology is important, it can be accomplished by other services or by civilian sources. As a result, although the activity is very important, it is not necessarily required to be accomplished within Air Force resources.

After discussion, the BCEG approved the grades for the Priority subelement and the overall activity and installation scores, as reflected on the slides at Atch 2. The installation grades will be used for the functional value portion of the Criterion I grade.

There being no further matters to discuss, the meeting was adjourned at 1125. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:
- Priority subelement grades for Brooks Lab
- Including UPT JCSG product in AF analysis
- Luke MOA scores
- McGuire ANG assumptions
- Squadron size and number of units
- Contract Personnel numbers for Criterion VI
- Los Angeles AFB closure assumptions
- Hanscom AFB Unique Facilities
- Kirtland AFB Facility Condition
- Rome Lab Housing grades
- Laboratory Air Quality grades

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Future Growth grading
2. Lab Grades

DISTRIBUTION:
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SAF/GCN
SAF/AQX
SAF/MIQ
AF/RT
AF/CE
AF/PE
AF/DPP
AF/XOO
AF/RE
NGB/CF
AF/LGM

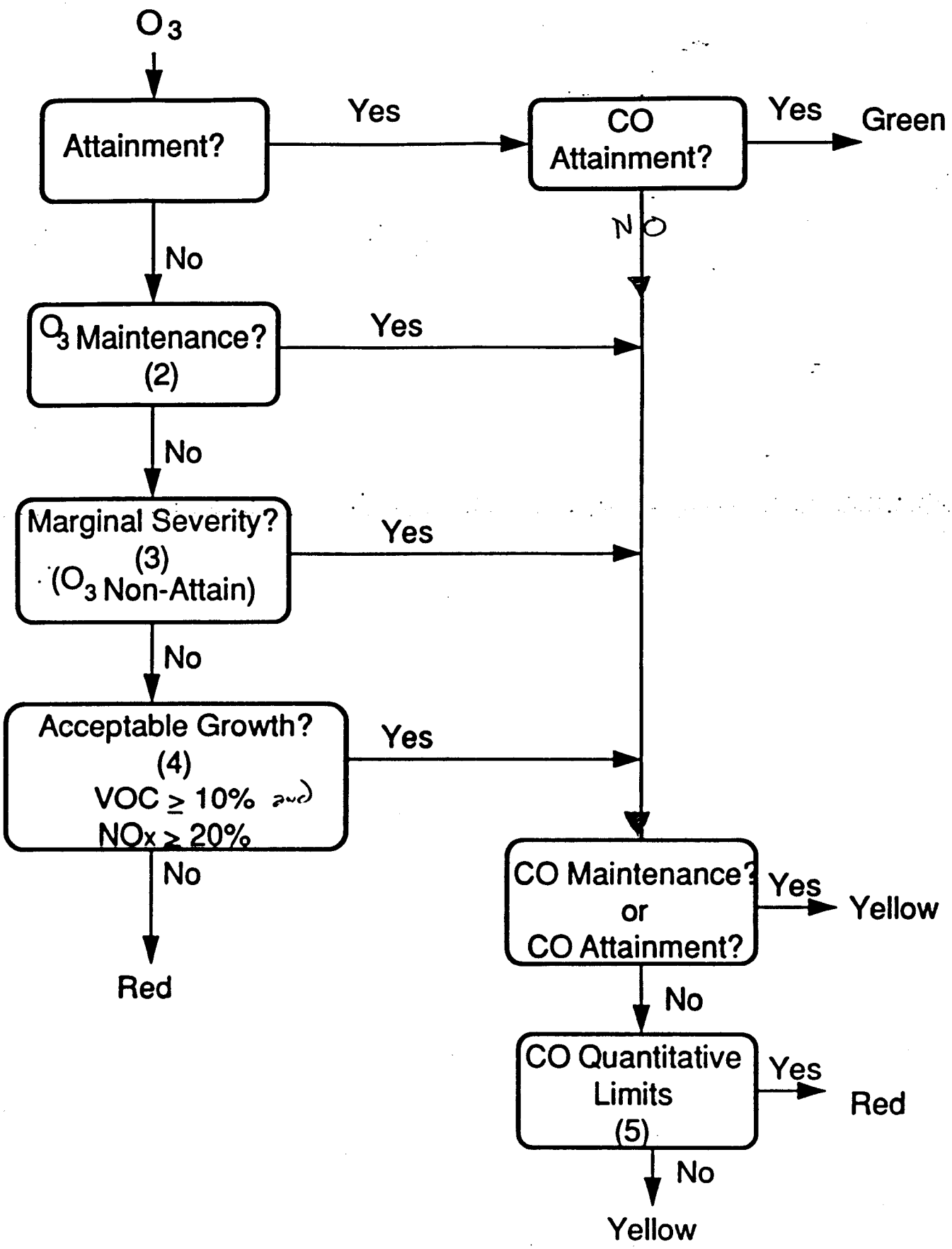
Activity Summary

Location	Activity		Priority (25%)	Work Load (25%)	Personnel (25%)	Facilities (10%)	Location (15%)	Overall Activity Score
Brooks	AL	Lab	Y	Y-	Y	Y+	Y-	Y
	HSC	Product Center	Y	Y-	Y	Y+	Y-	Y
Hanscom	ESC	Product Center				Y+	Y-	
	PL	Lab	Y+	Y-	Y+	Y+	Y-	Y
	RL	Lab		Y-	Y+	Y+	Y-	Y+
Kirtland	PL	Lab		Y	Y+		Y	Y+
LAAFB	SMC	Product Center			Y+	Y+	Y-	Y+
San Bernadino, CA	SMC	Product Center		Y-	Y+	Y		Y
Rome, NY	RL	Lab		Y+	Y+		Y-	Y+
Mesa, AZ	AL	Lab	Y	Y+	Y	Y	Y-	Y
WPAFB	ASC (Mod Cntr)	Product Center	Y+	Y-	Y	Y+	Y	Y
	ASC (SPOs)	Product Center					Y	
	AL	Lab	Y	Y	Y	Y+	Y-	Y
	WL	Lab					Y	

Installation Summary

Location	[redacted]
Brooks	Y
Hanscom	[redacted]
Kirtland	Y +
LAAFB	Y +
Rome, NY	Y +
WPAFB	[redacted]

FUTURE GROWTH LOGIC TREE



ATCH 1

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

17 OCT 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR SEE DISTRIBUTION

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 October 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
Mr. Blanchard, 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/XOO
Col Murphy, AF/CE
Lt Col Callahan, AF/PEP
Mr. Scovell, SAF/FMCCA
Mr. Schoenaker, AF/CEV

The meeting was called to order by Mr. Boatright. Lt Col Callahan, AF/PEP, presented information on the contractor personnel numbers for use in COBRA and Criterion VI analysis, using the slides at Atch 1. An additional data call is capturing contractor manyear equivalents categorized by on-base, off-base but in the immediate vicinity, and those world-wide that are serviced by a base contract office. The new data call will require a reassessment of the Criterion VI numbers for all categories. The Air Force will be using the FY97/4 snapshot personnel figures for level-playing field COBRA analysis, but may use a later date for final COBRA analysis in some categories because of the extended closure process at more complex installations.

For the Criterion VI analysis, several adjustments are required. Non-Air Force tenants must be separated by officer/enlisted/civilian status, and nonappropriated fund employees must be excluded from consideration. Mr. Schoenaker, AF/CEV, briefed a new display of the Criterion VI information, using the slides at Atch 2. The column descriptions have been changed, and the multiplier column has been removed, since multiple multipliers may be used at a particular base for civilian and military job losses. The BCEG approved the new display of Criterion VI data as briefed.

Mr. Scovell, SAF/FMCCA, briefed the Criteria IV and V data for UPT bases, using the slides at Atch 3. Randolph AFB possesses a different mix of mission and contractor support from the other bases and its numbers reflect that mix, showing higher personnel savings and one-time costs, yet lower steady state savings. The need for transfer of a large portion of its mission to other bases accounts for the apparent anomaly. The BCEG approved the data as briefed.

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.

OPEN ITEMS:
- Including UPT JCSG product in AF analysis
- Luke MOA scores
- McGuire ANG assumptions
- Squadron size and number of units
- Los Angeles AFB closure assumptions
- Hanscom AFB Unique Facilities
- Kirtland AFB Facility Condition
- Rome Lab Housing grades
- Laboratory Air Quality grades

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Manpower
2. Crit VI Display
3. UPT Crit IV and V

DISTRIBUTION:
SAF/FM
SAF/GCN
SAF/AQX
SAF/MIQ
AF/RT
AF/CE
AF/PE
AF/DPP
AF/XOO
AF/RE
NGB/CF
AF/LGM

BRAC95
MANPOWER DATA

- Authorized manpower (base population)
  - Used to estimate manpower costs and savings in COBRA
  - Also drives economic impact from Criteria VI
- On-base contractors
  - Needed for economic impact from Criteria VI
  - Not part of normal manpower analysis, cost of contracts already included in base O&M funding
- Tenant manpower (other services, OSD, etc.)
  - Needed for economic impact from Criteria VI
  - Not part of normal manpower analysis, would be addressed by owning service or OSD agency

BRAC95 MANPOWER DATA
AIR FORCE APPROACH

- Projected FY97/4 manpower (Crit IV)
  - Mar 94 manpower file baseline
  - Manual adjustments to reflect POM & BES impacts
  - Coordinate results with MAJCOM M&Os
  - Update adjustments based on Aug & Sep manpower files
- Contractor data (Crit VI)
  - Contract manyear equivalents for FQ 94/4
  - Data call to break out on-base vs. off-base contractors
- Non-Air Force Tenants (Crit VI)
  - Data call to collect off/enl/civ detail
  - Appropriated fund only per guidance from Joint Cross-Service Group

ATCH 1

BRAC95 MANPOWER DATA ARMY/NAVY APPROACH

- Army approach
  - Centralized manpower database primary source for all manpower data
  - Updated tenant data from base questionnaire
- Navy approach
  - Used central databases for initial cut
  - Submitted data to bases for review and correction
  - All analysis geared to base inputs

BRAC95 MANPOWER DATA CONTRACT DATA

- Requested by Joint Cross-Service Group on Economic Impact (Crit VI)
  - Not included in Air Force base questionnaire (prior to receipt of Joint Group data call)
- Counted contract manyear equivalents (CMEs) from manpower file
  - Best estimate of in-house manpower that would be required in lieu of contract
- Extreme values raised concerns
  - BCEG questioned 10K CMEs at Tinker
  - AFMC bases reported contracts they "managed" (i.e., CLS) and not just on-base contractors
- Developed supplemental data call to break out reported CMEs by on-base/off-base

BRAC95 MANPOWER DATA NON-AIR FORCE TENANTS

- No prior OSD guidance on tenants
  - Tenant data included in original base questionnaire
  - Army & Navy counted tenants with off/enl/civ detail
  - BCEG questions raised need for off/enl/civ detail not included in original questionnaire responses
- Developed supplemental data call to break out reported tenants by off/enl/civ
  - Counting appropriated funds positions only per Joint Group guidance
  - Original AF data call also asked for NAF positions as measure of total base employment

BRAC95 MANPOWER DATA AIR FORCE BASELINE

- Authorized manpower from March 94 manpower file (excluding ANG and AFRES)
  - Baseline data for FQs 94/4, 95/4, 96/4, 97/4, 98/4
  - Focus on FQ 97/4 for level playing field because all past AF BRAC actions have tried to close as early as possible
- Adjust FQ 97/4 totals to reflect FYDP actions not yet shown on base level manpower file
  - Reflect impact of force structure changes, civilian reductions
  - Coordinate adjustments with MAJCOM M&O
- AFRES and ANG developed their own data, PEP rolled into single manpower baseline
- Student data from AETC

ECONOMIC AREA IMPACT TABLE I:
BASIC FACTS AND POTENTIAL CLOSURE IMPACTS

I AIR FORCE BASE	II ECONOMIC AREA	III BLS 1993 EMPLOY	IV DIRECT INSTALLATION MIL & CIV JOB LOSS	V INDIRECT JOB LOSS	VI TOTAL JOB LOSS	VII JOB LOSS AS % OF 93 BLS EMPLOY	VIII CUMULATIVE TOTAL (MIL & CIV) JOB LOSS	IX CUMULATIVE JOB LOSS AS % OF 93 BLS EMPLOY
Base A	Pikes City, MSA	413,265	(12,365)	(6,322)	(18,687)	-4.5%	(25,312)	-6.1%
Base B	Hands Area, MSA	392,661	(17,862)	(9,313)	(27,175)	-6.9%		
Base C	Point Brown,MSA	713,627	(21,660)	(10,313)	(31,973)	-4.5%		
Base D	Hewley, MSA	213,613	(6,516)	(3,817)	(10,333)	-4.8%	(13,271)	-6.2%
Base E	Crenshaw, MSA	192,366	(5,299)	(3,210)	(8,509)	-4.4%		

Column I is the Air Force base.

Column II is the name of the county or multi-county economic area against which all numbers and measures in this table relate.

Column III is the 1993 overall employment base for the economic area. These figures were gathered from the U.S. Department of Commerce, Bureau of Labor Statistics (BLS), by the Logistics Management Institute (LMI), the OSD contractor for base closure.

Column IV is the number of installation jobs -- military, civilian, and base-support contractor man-year equivalents (on base), as well as non-Air Force tenants where applicable - lost because of closure.

Column V is the indirect total job loss determined by applying two or more multipliers at most bases by column IV. Multipliers for civilians are higher than multipliers for military personnel. Also, multipliers vary among types of bases. Specifically, multipliers for depot and R&D facilities are higher than for other types of bases. Finally, multipliers in medium to large metropolitan areas are generally higher than in small metropolitan and non metropolitan areas.

Column VI is the total job loss -- direct and indirect -- due to closure and it is determined by adding columns IV and V.

Column VII is the percentage of the 1993 employment base lost in the economic area because of Air Force closure and is determined by dividing column III into column VI.

Column VIII is the cumulative total job loss -- all military departments and the Defense Logistics Agency -- due to closure. It is determined by adding total job losses due to Air Force closure under column VI to the job losses scheduled after 30 September 1994 by other military departments and the DLA because of either BRAC 89, 91 or 93 actions.

Column IX is the cumulative percentage of the 1993 employment base lost in the economic area because of total military department and DLA job losses and it is determined by dividing column III into column VIII.

ECONOMIC AREA IMPACT TABLE II: HISTORICAL INFORMATION

I AIR FORCE BASE	II ECONOMIC AREA	III 1992 CENSUS OF POP	IV 1991 PER CAP INCOME	V 84-91 AVG ANN % INC PER CAP INCOME	VI 84-93 AVG JOB GWTH PER YEAR	VII AVG 10 YR 84-93 UNEMP RATE	VIII AVG 3 YR 91-93 UNEMP RATE	IX 93 UNEMP RATE
Base A	Pikes City, MSA	710,364	$16,236	6.9%	13,676	5.3%	6.4%	7.8%
Base B	Hands Area, MSA	632,624	$15,950	4.5%	8,556	6.9%	6.9%	7.0%
Base C	Point Brown,MSA	1,313,626	$17,331	6.3%	17,636	5.9%	5.6%	5.5%
Base D	Hewley, MSA	470,661	$14,222	3.9%	7,562	7.3%	8.0%	7.5%
Base E	Crenshaw, MSA	379,202	$16,777	6.3%	8,226	5.8%	6.9%	6.6%

Column I: is the Air Force base.

Column II: is the name of the county or multi-county economic area against which all numbers and measures in this table relate.

Column III: is the 1992 Department of Commerce, Bureau of the Census Population Estimates for the economic area. Data was gathered by the Logistics Management Institute (LMI), the OSD contractor, from the Department of Commerce, Bureau of Economic Analysis data files.

Column IV: is the 1991 per capita income figure as gathered by LMI from Bureau of Economic Analysis data files.

Column V: is the average annual percentage per capita income growth for the period, 1984-91, as determined by LMI using Bureau of Economic Analysis data files.

Column VI: is the average annual employment base growth for the period, 1984-93. It was developed by LMI from information in the Department of Labor, Bureau of Labor Statistics data files.

Column VII: is the 10-year, 1984-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor Statistics data files. Average annual US unemployment rate for this period was 6.5% (seasonally adjusted)

Column VIII: is the 3-year, 1991-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor Statistics data files. Average annual US unemployment rate for this period was 7.0% (seasonally adjusted)

Column IX: is the 1993 unemployment rate as gathered by LMI from Bureau of Labor Statistics data files. 1993 US unemployment rate was 6.8% (seasonally adjusted)

BCEG CLOSE HOLD

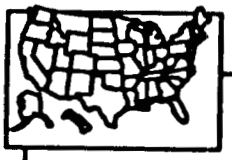
PILOT TRAINING BASES

CRITERIA IV & V

	1-TIME COST	NPV	STEADY STATE	ROI	PERS SAVINGS
COLUMBUS	17	(333)	26	1	284
LAUGHLIN	25	(275)	22	2	383
RANDOLPH	204	(59)	19	13	844
REESE	15	(259)	20	1	183
VANCE	14	(254)	20	1	89

BCEG CLOSE HOLD

1 10/11/04



BCEG CLOSE HOLD

PILOT TRAINING BASES

RANDOLPH

CONSTRUCTION	
• MISSION:	$68.6
• MFH:	$39.3
MOVING:	$78.9
PERSONNEL COSTS:	$ 9.2
OVERHEAD:	$ 8.3
HAP:	$ 0.0
TOTAL:	$204.4

BCEG CLOSE HOLD

2 10/11/04

ATCH 3

BCEG CLOSE HOLD

PILOT TRAINING BASES

A-76 ADJUSTMENTS

	OFFICERS	ENLISTED	CIVILIAN	
COLUMBUS	5	226	123	
	$0.3	$6.5	$4.6	$11.4
LAUGHLIN	9	185	115	
	$0.6	$5.3	$4.3	$10.2
REESE	8	191	120	
	$0.5	$5.5	$4.5	$10.5

BCEG CLOSE HOLD

3 10/11/94

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

20 OCT 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR SEE DISTRIBUTION

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 October 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
Col Walters, AF/PE
Mr. Mleziva, AF/BCWG
Lt Col Bruggemeyer, AF/RTR
Lt Col Kring, AF/RTR

The meeting was called to order by Maj Gen Blume. Mr. Mleziva, AF/BCWG, provided an update of the grades for lab and product center activities, using the slides at Atch 1. The update was necessitated by a discovery of two errors in grading. The first error resulted from applying a standard deviation to the Priority subelements, when BCEG instruction was to apply a straight color grading (using a 1 to 7 value) to the priority for each element. The second error resulted from using non-laboratory values in developing the standard deviation grading for the "lab only" subelements. Instead of using only the lab activities for the development of the standard deviation, all activities were used. The corrected grades are provided in Atch 1, and were approved by the BCEG.

Lt Col Bruggemeyer, AF/RTR, presented an overview of the UPT JCSG process and the functional values for the Air Force UPT bases, using the slides at Atch 2. He noted that the functional values briefed are pending a change based on an evaluation of new data by the JCSG. The BCEG discussed the question of whether all or only some of the functions evaluated by the JCSG should be used in the Air Force process. After discussion, the BCEG agreed that only those activities which pertain to Air Force operations should be used to develop the Air Force functional value. This will more accurately reflect the relative value of the bases in accomplishing Air Force missions. As a result, the Int & Adv Strike E2/C2 function will be deleted from the analysis. There was a question of whether the Maritime Int E2/C2 had Air Force applicability and the BCEG directed this issue be resolved. All remaining values will be averaged, with only Columbus and Reese using an Adv WSO Strike value. A standard deviation will be applied to these averages, and a color grade based on the previously approved standard deviation grading system will be applied. This color will be the Criterion I grade for the UPT subcategory.

Lt Col Kring, AF/RTR, briefed the BCEG on the ANG move from McGuire AFB to Atlantic City. The Atlantic City move is the only potential move within New Jersey, and the McGuire level playing field analysis must include movement of all the units assigned to McGuire. The briefed MILCON must be examined to ensure the numbers include the normal factors used for other COBRA estimates.

The BCEG members then expressed some concern with the AFMC 21 assumptions used in COBRA for the laboratory bases. As a result, the BCEG will review the assumptions for Laboratory COBRA moves before examining the results of the COBRA analysis. Any specific concerns will be raised at that time.

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:
- Luke MOA scores
- Squadron size and number of units
- Los Angeles AFB closure assumptions
- Hanscom AFB Unique Facilities
- Kirtland AFB Facility Condition
- Rome Lab Housing grades
- Laboratory Air Quality grades

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Lab Activity grades
2. UPT Process
3. McGuire ANG COBRA

Air Force Lab/Product Center ("Labs") Functional Value Briefing

Summary of Changes

- Thresholds for Need for Air Force In-House and Need for Air Force Pre-eminence
  - BCEG Approved Range Distribution Values, Incorrectly Implemented as Standard Deviation
- Lab Only Thresholds Calculated Incorrectly
  - Workload
    - » FY93 Workyears
    - » Funding
  - Personnel
    - » Total Personnel
    - » Patents
    - » Papers

Priority Roll-up Comparison

			(07 Oct 94*)				(12 Oct 94)			
Location	Activity	[illegible]	Priority			Priority (25%)	Priority			Priority (25%)
			Budget (40%)	Need for AF Processes (30%)	Need for AF In-House (30%)		Budget (40%)	Need for AF Processes (30%)	Need for AF In-House (30%)	
Brooks	AL	Lab				Y		Y-	Y-	Y+
	HSC	Product Center				Y		Y-	Y-	Y+
Hanscom	ESC	Product Center								
	PL	Lab				Y+		Y-	Y+	Y+
	RL	Lab								
Kirtland	PL	Lab								
LAAFB	SMC	Product Center							Y+	
Mesa, AZ	AL	Lab				Y		Y-		Y
Rome, NY	RL	Lab								
San Bernadino, CA	SMC	Product Center			Y			Y+	Y	Y+
WPAFB	ASC (Mod Cntr)	Product Center		Y+	Y	Y+		Y+	Y	Y+
	ASC (SPOs)	Product Center							Y+	
	AL	Lab				Y		Y-	Y-	Y+
	WL	Lab						Y+	Y+	

* Incorrect Threshold Values

Workload Roll-up Comparison

Location	Activity	[illegible]	Workload (07 Oct 94)				Workload (12 Oct 94)			
			[illegible]	[illegible]	[illegible]	Workload (25%)	[illegible]	[illegible]	[illegible]	Workload (25%)
Brooks	AL	Lab	Y-	Y		Y-	Y+	Y		Y-
	HSC	Product Center		Y+	Y-	Y-		Y+	Y-	Y-
Hanscom	ESC	Product Center								
	PL	Lab	Y-	Y		Y-	Y	Y	Y-	Y
	RL	Lab		Y	Y-	Y-	Y-	Y	Y	Y
Kirtland	PL	Lab		Y		Y		Y	Y	Y+
LAAFB	SMC	Product Center		Y				Y		
Mesa, AZ	AL	Lab		Y		Y+	Y-	Y		Y+
Rome, NY	RL	Lab	Y	Y		Y+	Y+	Y		Y+
San Bernadino, CA	SMC	Product Center	Y-		Y-	Y-	Y-		Y-	Y-
WPAFB	ASC (Mod Cntr)	Product Center	Y-	Y-		Y-	Y-	Y-		Y-
	ASC (SPOs)	Product Center								
	AL	Lab		Y		Y	Y	Y		Y+
	WL	Lab		Y				Y		

Personnel Roll-up Comparison

Location	Activity	[illegible]	(07 Oct 94) Personnel						(12 Oct 94) Personnel					
			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Personnel (25%)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Personnel (25%)
Brooks	AL	Lab	Y		Y-		Y-	Y	Y+		Y	Y	Y	Y+
	HSC	Product Center			Y+	Y	Y-	Y			Y+	Y	Y	Y
Hanscom	ESC	Product Center				Y	Y					Y	Y	
	PL	Lab	Y-					Y+	Y			Y		
	RL	Lab						Y+	Y-					
Kirtland	PL	Lab			Y-	Y-		Y+			Y-	Y	Y	Y+
LAAFB	SMC	Product Center		Y+	Y+	Y	Y	Y+		Y+	Y+	Y	Y	Y+
Mesa, AZ	AL	Lab				Y-		Y	Y-			Y	Y-	Y+
Rome, NY	RL	Lab						Y+				Y		Y+
San Bernadino, CA	SMC	Product Center	Y-	Y+		Y	Y	Y+	Y-	Y+		Y	Y	Y+
WPAFB	ASC (Mod Cntr)	Product Center	Y-	Y-		Y	Y	Y	Y-	Y-		Y	Y	Y
	ASC (SPOs)	Product Center				Y	Y					Y	Y	
	AL	Lab			Y+	Y-		Y	Y		Y+	Y+	Y-	Y+
	WL	Lab												

Facilities/Equipment Roll-up Comparison

			(07 Oct 94)			(12 Oct 94)		
Location	Activity		Facilities		Facilities (10%)	Facilities		Facilities (10%)
Brooks	AL	Lab	Y		Y+	Y		Y+
	HSC	Product Center	Y		Y+	Y		Y+
Hanscom	ESC	Product Center	Y		Y+	Y		Y+
	PL	Lab	Y		Y+	Y		Y+
	RL	Lab	Y		Y+	Y		Y+
Kirtland	PL	Lab						
LAAFB	SMC	Product Center	Y+	Y	Y+	Y+	Y	Y+
Mesa, AZ	AL	Lab	Y	Y	Y	Y	Y	Y
Rome, NY	RL	Lab	Y+			Y+		
San Bernadino, CA	SMC	Product Center	Y	Y	Y	Y	Y	Y
WPAFB	ASC (Mod Cntr)	Product Center	Y		Y+	Y		Y+
	ASC (SPOs)	Product Center						
	AL	Lab	Y		Y+	Y		Y+
	WL	Lab						

Location Roll-up Comparison

Location	Activity		(07 Oct 94) Location				Location (15%)	(12 Oct 94) Location				Location (15%)
			Interconnectivity (25%)	Geo Clim (25%)	Infrastructure (25%)	Security (25%)		Interconnectivity (25%)	Geo Clim (25%)	Infrastructure (25%)	Security (25%)	
Brooks	AL	Lab	Y				Y-	Y				Y-
	HSC	Product Center					Y-					Y-
Hanscom	ESC	Product Center	Y				Y-	Y				Y-
	PL	Lab					Y-					Y-
	RL	Lab					Y-					Y-
Kirtland	PL	Lab					Y					Y
LAAFB	SMC	Product Center	Y				Y-	Y				Y-
Mesa, AZ	AL	Lab					Y-					Y-
Rome, NY	RL	Lab					Y-					Y-
San Bernadino, CA	SMC	Product Center										
WPAFB	ASC (Mod Cntr)	Product Center					Y					Y
	ASC (SPOs)	Product Center					Y					Y
	AL	Lab					Y-					Y-
	WL	Lab					Y					Y

Activity Summary Comparison

Location	Activity	[illegible]	(07 Oct 94) Priority (25%)	Workload (25%)	Personnel (25%)	Facilities (10%)	Location (15%)	Overall Activity Score	(12 Oct 94) Priority (25%)	Workload (25%)	Personnel (25%)	Facilities (10%)	Location (15%)	Overall Activity Score
Brooks	AL	Lab	Y+	Y-	Y	Y+	Y-	Y	Y+	Y-	Y+	Y+	Y-	Y
	HSC	Product Center	Y+	Y-	Y	Y+	Y-	Y	Y+	Y-	Y	Y+	Y-	Y
Hanscom	ESC	Product Center				Y+	Y-					Y+	Y-	
	PL	Lab	Y+	Y-	Y+	Y+	Y-	Y	Y+	Y		Y+	Y-	Y
	RL	Lab		Y-	Y+	Y+	Y-	Y+		Y		Y+	Y-	Y+
Kirtland	PL	Lab		Y-	Y+		Y	Y+		Y+	Y+		Y	
LAAFB	SMC	Product Center			Y+	Y+	Y-	Y+			Y+	Y+	Y-	Y+
Mesa, AZ	AL	Lab	Y	Y+	Y	Y	Y-	Y	Y	Y+	Y+	Y	Y-	Y
Rome, NY	RL	Lab		Y+	Y+		Y-	Y+		Y+	Y+		Y-	Y+
San Bernadino, CA	SMC	Product Center	Y+	Y-	Y+	Y		Y	Y+	Y-	Y+	Y		Y
WPAFB	ASC (Mod Cntr)	Product Center	Y+	Y-	Y	Y+	Y	Y	Y+	Y-	Y	Y+	Y	Y
	ASC (SPOs)	Product Center					Y						Y	
	AL	Lab	Y+	Y	Y	Y+	Y-	Y	Y+	Y+	Y+	Y+	Y-	Y
	WL	Lab					Y						Y	

Installation Summary Comparison

Location	(07 Oct 94) Overall Installation Score	(12 Oct 94) Overall Installation Score
Brooks	Y	Y
Hanscom		
Kirtland	Y+	
LAAFB	Y+	Y+
Rome, NY	Y+	Y+
WPAFB		

Installation Summary

(12 Oct 94)

Location	Overall Installation Score
Brooks	Y
Hanscom	
Kirtland	
LAAFB	Y+
Rome, NY	Y+
WPAFB	

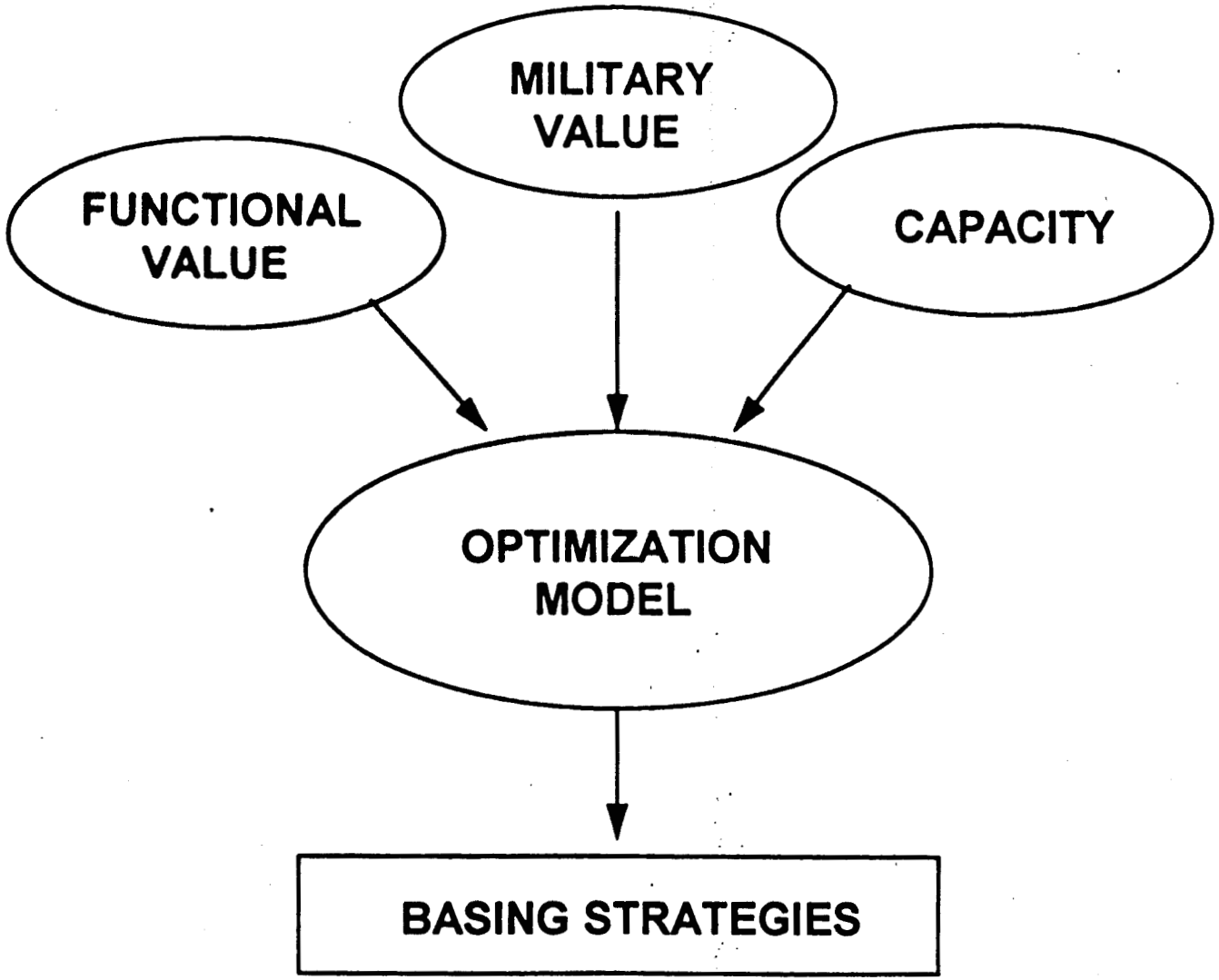
Undergraduate Pilot Training

The Joint Analysis Process

Bases Considered

- Air Force
  - Columbus, MS
  - Laughlin, TX
  - Randolph, TX
  - Reese, TX
  - Sheppard, TX
  - Vance, OK
- Navy
  - Corpus Christi, TX
  - Kingsville, TX
  - Meridian, MS
  - Pensacola, FL
  - Whiting Field, FL
- Army
  - Ft Rucker, AL

THE PROCESS


MILITARY VALUE
FUNCTIONAL VALUE
CAPACITY
OPTIMIZATION MODEL
BASING STRATEGIES

Functional Value Assessment

- Functional Areas
- Measures of Merit
- Exclusion Matrix
- DPAD Model

Functional Value Assessment: Functional Areas

Functional Areas	*Service*
Flight Screening	USAF
Primary Pilot	USAF/USN
Bomber/Fighter	USAF
Strike Adv E2/C2	USN
Airlift/Tanker	USAF
Maritime Int E2/C2	USN
Prim & Int Nav/NFO	USAF/USN
Adv NFO/WSO Strike	USAF/USN
Adv NFO Panel Nav	USAF/USN
Helicopter	USAF/USN/USA

Function Value Assessment: Measures of Merit

Measures of Merit	*Primary Pilot Scores*
Managed Training Areas	5
Weather	14
Airspace & Flight Training Areas	22
Airfields	24
Ground Training Facilities	10
Aircraft Maintenance Facilities	5
Special Military Facilities	0
Proximity to Training Areas	0
Proximity to Other Support Facilities	2
Unique Features	0
Air Quality	5
Encroachment	5
Services	8
Total	100 points

Functional Value Assessment: Exclusion Matrix

FUNCTION	Svc	A/C	COL	LAU	RAN	REE	SHP	VAN	CORP	KING	MER	PEN	WHT	FT RK
Flight Screen	USAF	T-3												
Primary Pilot	USN USAF	T-34 T-37 JPATS												X(2)
Airlift/Tanker	USAF	T-1											X(1)	X(1)
Int E2/C2 Adv Maritime	USN USAF	T-44												X(2)
Int & Adv Strike Adv E2/C2	USN	T-2 TA-4 T-45											X(1)	X(1)
Bomber/Fighter	USAF	T-38							X(1)				X(1)	X(1)
Helicopter	USN USAF USA	TH-57 UH-1 TH-67 OH-58	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)			
Primay & Int Nav/NFO	USN USAF	T-34 T-39												X(2)
Adv NFO/WSO Strike	USN USAF	T-39 T-2		X(3)		X(3)	X(3)	X(3)						
Adv NFO Nav Panel	USN USAF	T-43											X(1)	X(1)

1)Runway Length Constraints 2)Lack of Outlying Fields 3)Too Far From Water

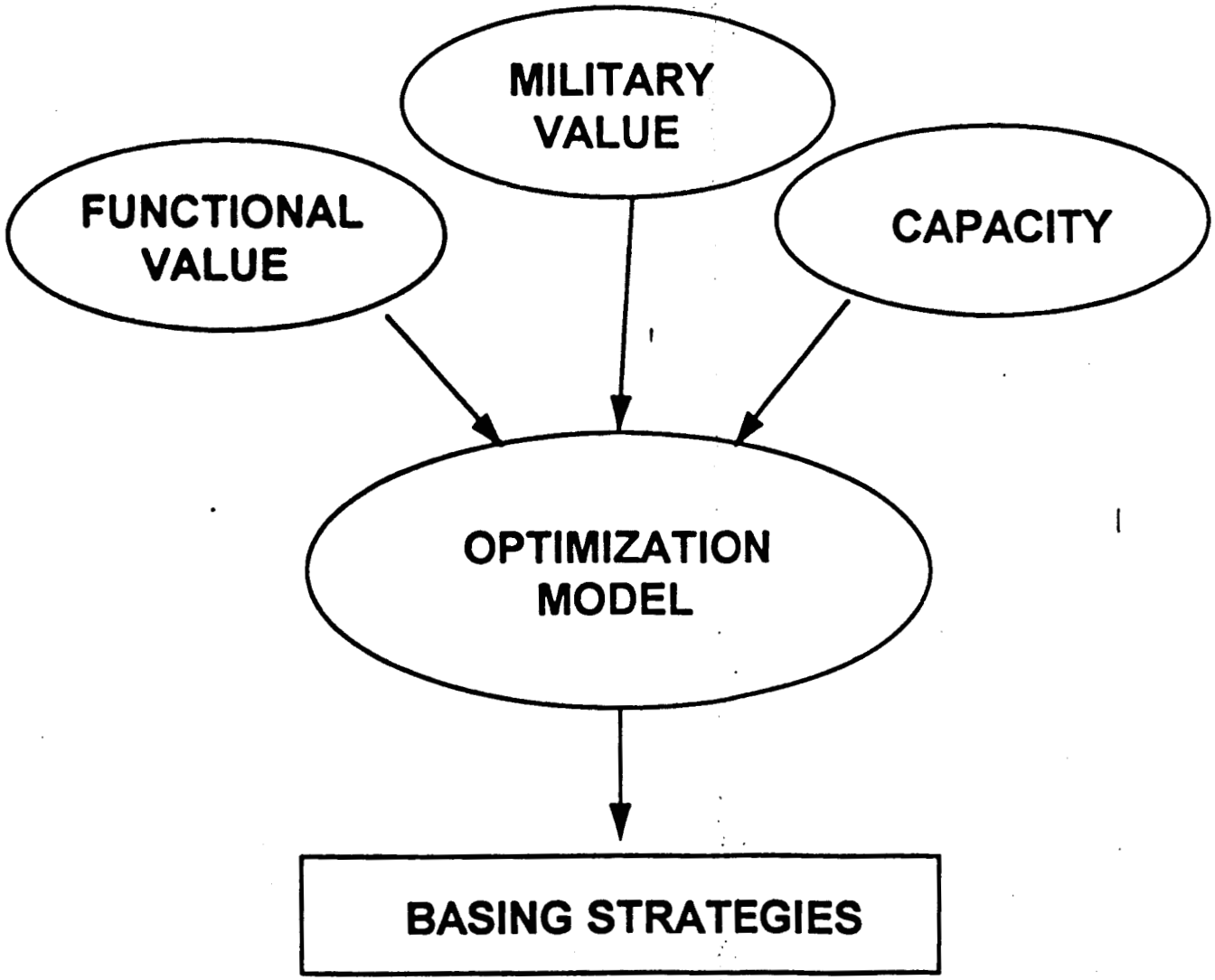
Functional Value Assessment: D-PAD Model

- Weighted Multi-Criteria Decision Support Model
- Requirements
  - Criteria (Functional Areas)
  - Rating Scales (100 points for each of the 13 Areas)
  - Weights (Relative Importance of Measures of Merit)
- Scoring/Weighting
  - Weighted 13 Areas vis a vis Primary UPT Weights
  - Predominance of Points in Airfields/Airspace
- Results
  - Relative Values
  - One Base = 10 Scores (Minus Exclusions)

Functional Value Assessment: Functional Value

- DPAD Model Results
  - Produce Relative Values
    - » Each Functional Area Judged
    - » One base = 10 Scores (Minus Exclusions)
- Joint Data Call is Source Document
  - Similarity to AF Questionnaire

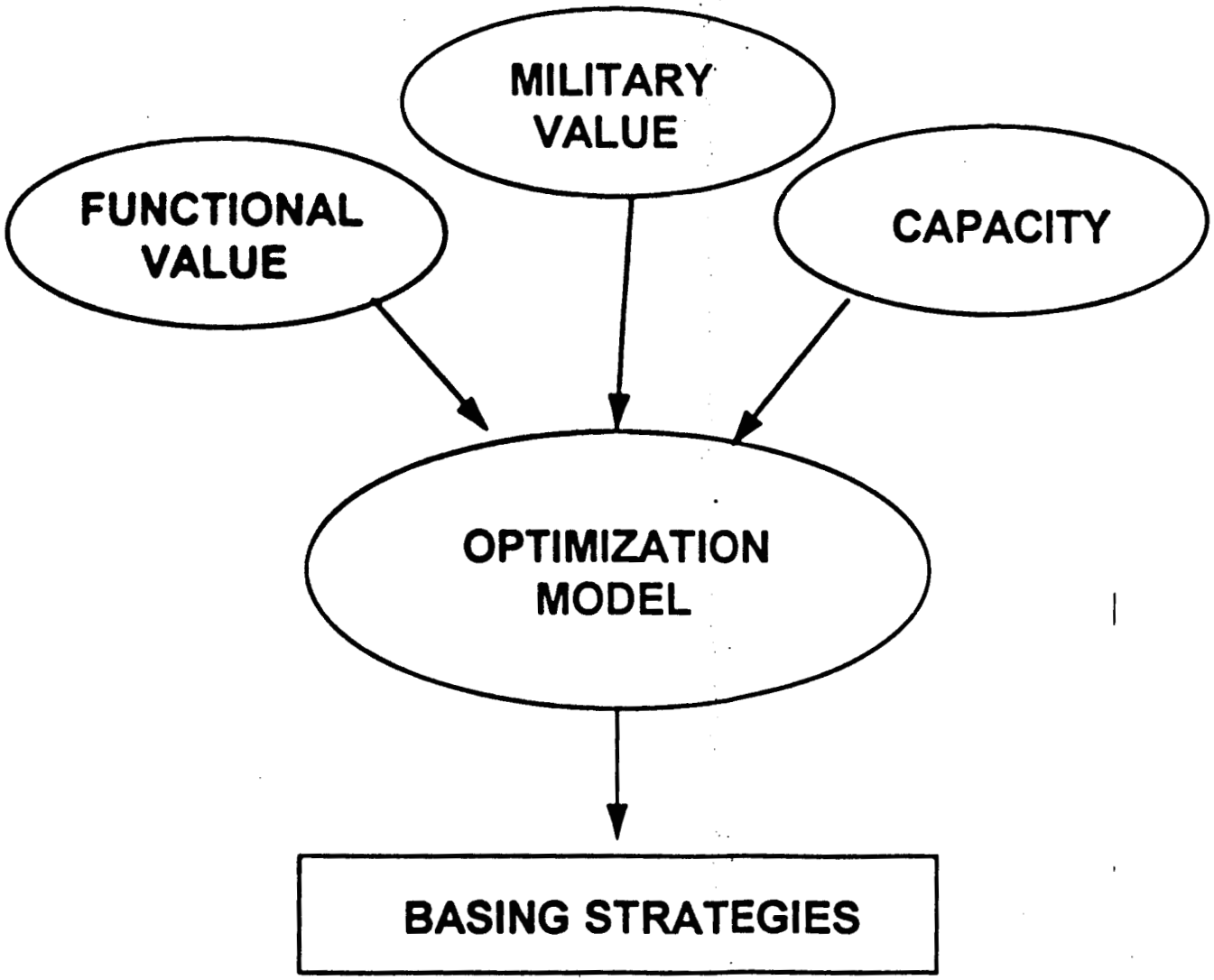
THE PROCESS


MILITARY VALUE
FUNCTIONAL VALUE
CAPACITY
OPTIMIZATION MODEL
BASING STRATEGIES

Capacity Analysis

- Excess Determined From Several Factors
  - Training Sorties
  - Airfield Operations
  - Airspace
  - Ground Training
  - Pavements
- Inputs to Optimization Model

THE PROCESS


MILITARY VALUE
FUNCTIONAL VALUE
CAPACITY
OPTIMIZATION MODEL
BASING STRATEGIES

Military Value

- From Military Departments
  - Functional Value supplied so BCEG can return Military Value to joint group
- Exclusions
  - Same Restriction for Joint as Air Force
    - » Militarily/Geographically Unique
    - » Mission Essential
- Remaining Input = Policy Imperatives

Military Value

- Functional Value Equates to Criteria I Grade
- Joint Overlap of Criteria II, VII, VIII Data
  - Criteria II 7%
  - Criteria VII 6%
  - Criteria VIII 2%
- Result: Insignificant Double Counting

Military Value

BASE	Primary	Airlift Tanker	Maritime E2/C2	Strike Adv E2/C2	Bomber Fighter	Prim/Int Nav/NFO	WSO Strike	Panel Nav	Flight Screen	Total	Avg
Columbus	7.1	6.2	6.6	5.9	6.5				5.9	38.2	6.37
Laughlin	6.9	5.5	6.2	5.1	5.4				5.9	35	5.83
Randolph	6	6	5.8	5.5	6.3				4.9	34.5	5.75
Reese	6.1	5.8	5.8	5.5	5.6				5.7	34.5	5.75
Sheppard	6.4	6.4	6.5	6.1	6.2				5.9	37.5	6.25
Vance	6.7	6.5	6.5	5.1	5.5				6	36.3	6.05

- Reflects USAF/USN Nav/NFO Training Initiative
  - Randolph/Pensacola Training Sites for 3 Categories

- Grades
  - Columbus GREEN
  - Sheppard GREEN
  - Vance GREEN -
  - Laughlin YELLOW
  - Randolph YELLOW -
  - Reese YELLOW -

Funtional Value

BASE	Primary	Airlift Tanker	Maritime E2/C2	Strike Adv E2/C2	Bomber Fighter	Prim/Int Nav/NFO	WSO Strike	Panel Nav	Flight Screen	Total	Avg
Columbus	7.1	6.2	6.6	5.9	6.5	7.3	6.5	7.6	5.9	59.6	6.62
Laughlin	6.9	5.5	6.2	5.1	5.4	7.2		6.8	5.9	49	6.13
Randolph	6	6	5.8	5.5	6.3	6.5	5.7	6.9	4.9	53.6	5.96
Reese	6.1	5.8	5.8	5.5	5.6	6.4		7.2	5.7	48.1	6.01
Sheppard	6.4	6.4	6.5	6.1	6.2	6.3		7.7	5.9	51.5	6.44
Vance	6.7	6.5	6.5	5.1	5.5	6.8		7.5	6	50.6	6.33

	Mean of Total	52.07	Mean of Avg	6.25
	Std Dev of Total	4.16	Std Dev of Avg	0.26
	1/3 StDev	1.39	1/3 StDev	0.09
Ranges	G=	53.45	G=	6.33
	G-=	52.07	G-=	6.25
	Y+=	50.68	Y+=	6.16
	Y=	49.29	Y=	6.07
	Y-=	47.90	Y-=	5.99
	R+=	46.51	R+=	5.90
	R=	45.13	R=	5.81

Air National Guard A World Class Organization

ANG

LARGE BASES
MCGUIRE

- **ANG look at moving to Atlantic City**
  - First look - land is available from the Atlantic City Airport Authority
    - Should be minimal cost to obtain
  - No facilities available to house the KC-135 wing
    - Milcon costs $94.6 M (substantiated by BRAC 93)

ATC 4 3

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

28 OCT 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR SEE DISTRIBUTION

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 October 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 Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Col Walters, AF/PE
Col Pease, AF/XO
Mr. Goldstayn, AF/BCWG
Mr. Schoenecker, AF/CEVP
Lt Col Bruggemeyer, AF/RTR

The meeting was called to order by Mr. Boatright. Mr. Schoenecker briefed Criterion VI values for Depots, Labs, T&E bases, and UPT bases, using the slides at Atch 1. The numbers reflect OSD guidance resulting in the use of more than one multiplier for each base. In addition, a more accurate count of non-Air Force tenants located on the bases and more accurate contract manyear equivalents (CME) data was included since the initial briefing. During the briefing, a math error was discovered on the Depot base calculations, and a replacement slide was presented, as indicated in Atch 1.

During the discussion of the Laboratory Criterion VI data, the question of whether Sandia Lab at Kirtland was included in the unemployment figures was raised. The level playing field

COBRA assumptions for Kirtland include leaving the Sandia lab in place, and the BCEG asked that the unemployment figures and COBRA assumptions be consistent for all bases. The BCEG asked that Kelly AFB assumptions be examined for consistency with COBRA as well. The Hanscom and Los Angeles CME figures were also questioned, particularly regarding FFRDCs. The BCEG approved the UPT Criterion VI data as briefed, and delayed approval of the other categories until the issues were clarified.

Mr. Goldstayn then briefed the Lab/Product Center COBRA assumption update, responding to previous BCEG taskers, using the slides at Atch 2. He recommended that the move of Los Angeles to a split between Hill and McClellan not be pursued, and that the move to Kirtland be used instead. The rationale for this decision is indicated on the slides in Atch 2, and the lowest cost option was recommended. Mr. Goldstayn also recommended that a move of Brooks AFB activities to Wright-Patterson be used for level playing field COBRA instead of the previously approved move to Kelly AFB. Since the capacity analysis was completed, construction at Wright-Patterson AFB has made some administrative space available, and this will result in a much lower cost move from Brooks to Wright-Patterson for level playing field consideration. In addition, the move is consistent with the theory of aggregating labs with their parent organization, since the move would consolidate Humans Systems Center and Armstrong Lab. To be consistent with the capacity analysis, however, only those facilities under construction (rather than funded) will be included in the capacity analysis, and only Condition Category II or better facilities will be included, since much of the construction is to replace unsatisfactory buildings. The BCEG approved the assumptions as briefed. A data call to AFMC will gather the new information for the level playing field assumptions to move from Brooks to Wright-Patterson.

Lt Col Bruggemeyer, AF/RTR, briefed the results of the analysis of UPT bases under Criterion I, using the slides at Atch 3. The functional values supplied by the UPT JCSG formed the basis for the Air Force analysis under Criterion I, and a color grading system was applied using a standard deviation grading scheme consistent with the other functional analyses. The BCEG approved the grades as briefed.

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.

OPEN ITEMS:

- Kirtland Sandia lab Unemployment Assumptions
- Hanscom and Los Angeles CME figures
- Kelly AFB Unemployment Assumptions
- Luke MOA scores
- Squadron size and number of units
- Hanscom AFB Unique Facilities
- Kirtland AFB Facility Condition
- Rome Lab Housing grades
- Laboratory Air Quality grades

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Crit VI data
2. Lab COBRA Assumptions
3. UPT Crit I Grades

ECONOMIC AREA IMPACT TABLE I: BASIC FACTS AND POTENTIAL CLOSURE IMPACTS

I AIR FORCE BASE	II ECONOMIC AREA	III BLS 1993 EMPLOY	IV DIRECT INSTALLATION MIL & CIV JOB LOSS	V INDIRECT JOB LOSS	VI TOTAL JOB LOSS	VII JOB LOSS AS % OF 93 BLS EMPLOY	VIII CUMULATIVE TOTAL (MIL & CIV) JOB LOSS	IX CUMULATIVE JOB LOSS AS % OF 93 BLS EMPLOY
Hill	Salt Lake City-Ogden, UT MSA	566,518	(18,184)	(21,151)	(38,748)	-6.8%		
Kelly	San Antonio, TX MSA	643,206	(19,981)	(26,671)	(46,652)	-7.3%		
McClellan	Sacramento, CA PMSA	627,813	(13,104)	(17,107)	(29,782)	-4.7%	(32,438)	-5.2%
Robins	Macon, GA MSA	131,511	(16,607)	(15,397)	(32,004)	-24.3%		
Tinker	Oklahoma City, OK MSA	470,531	(22,386)	(25,204)	(47,590)	-10.1%		

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Column II is the name of the county or multi-county economic area against which all numbers and measures in this table relate.

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ATCH 1

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Hill	Salt Lake City-Ogden, UT MSA	566,518	(18,184)	(21,151)	(39,335)	-6.9%		
Kelly	San Antonio, TX MSA	643,206	(19,981)	(26,671)	(46,652)	-7.3%		
McClellan	Sacramento, CA PMSA	627,813	(13,104)	(17,107)	(30,211)	-4.8%	(32,438)	-5.2%
Robins	Macon, GA MSA	131,511	(16,607)	(15,397)	(32,004)	-24.3%		
Tinker	Oklahoma City, OK MSA	470,531	(22,386)	(25,204)	(47,590)	-10.1%		

[redacted]

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ECONOMIC AREA IMPACT TABLE II: HISTORICAL INFORMATION

I AIR FORCE BASE	II ECONOMIC AREA	III 1992 CENSUS OF POP	IV 1991 PER CAP INCOME	V 84-91 AVG ANN % INC PER CAP INCOME	VI 84-93 AVG JOB GWTH PER YEAR	VII AVG 10 YR 84-93 UNEMP RATE	VIII AVG 3 YR 91-93 UNEMP RATE	IX 93 UNEMP RATE
Hill	Salt Lake City-Ogden, UT MSA	1,127,000	$16,864	5.0%	14,859	4.8%	4.3%	3.6%
Kelly	San Antonio, TX MSA	1,377,000	$17,284	4.6%	13,745	6.7%	6.2%	5.6%
McClellan	Sacramento, CA PMSA	1,148,000	$20,398	5.3%	14,158	6.6%	7.4%	8.3%
Robins	Macon, GA MSA	296,000	$17,542	5.8%	1,843	5.7%	5.5%	5.8%
Tinker	Oklahoma City, OK MSA	981,000	$17,649	3.7%	(1,265)	5.6%	5.3%	5.0%

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Column VII: is the 10-year, 1984-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor Statistics data files. Average annual US unemployment rate for this period was 6.5% (seasonally adjusted)

Column VIII: is the 3-year, 1991-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor Statistics data files. Average annual US unemployment rate for this period was 7.0% (seasonally adjusted)

Column IX: is the 1993 unemployment rate as gathered by LMI from Bureau of Labor Statistics data files. 1993 US unemployment rate was 6.8% (seasonally adjusted)

	TOTAL JOB LOSS		% AREA JOB LOSS	
BASE	BEFORE	AFTER	BEFORE	AFTER
HILL	(49,855)	(38,748)	-8.8%	-6.8%
KELLY	(53,115)	(46,652)	-8.3%	-7.2%
McCLELLAN	(36,316)	(32,438)	-5.8%	-5.2%
ROBINS	(41,783)	(32,004)	-31.8%	-24.3%
TINKER	(71,875)	(47,590)	-15.3%	-10.1%

	TOTAL JOB LOSS		% AREA JOB LOSS	
BASE	BEFORE	AFTER	BEFORE	AFTER
HILL	(49,855)	(39,335)	-8.8%	-6.9%
KELLY	(53,115)	(46,652)	-8.3%	-7.2%
McCLELLAN	(36,316)	(30,211)	-5.8%	-4.8%
ROBINS	(41,783)	(32,004)	-31.8%	-24.3%
TINKER	(71,875)	(47,590)	-15.3%	-10.1%

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BASIC FACTS AND POTENTIAL CLOSURE IMPACTS

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Arnold	Coffee County, TN	19,283	(3,898)	(2,681)	(6,579)	-34.1		
Brooks	San Antonio, TX MSA	643,206	(3,579)	(4,144)	(7,723)	-1.2%		
Edwards	Bakers Field, CA MSA	229,874	(10,437)	(10,533)	(20,970)	-9.1%		
Eglin	Fort Walton Beach, FL MSA	64,977	(14,169)	(9,172)	(23,341)	-35.9%		
Hanscom	Middlesex, Norfolk, Plymouth, Suffolk, MA Counties	1,902,937	(5,263)	(7,119)	(12,382)	-0.7%	(14,471)	-0.8%
Kirtland	Bernalillo County, NM	254,851	(18,042)	(20,821)	(38,863)	-15.2%		
Los Angeles	Los Angeles-Long Beach, CA PMSA	3,984,000	(6,691)	(9,548)	(16,239)	-0.4%	(22,935)	-0.6%
Rome Lab	Utica-Rome, NY MSA	133,830	(1,092)	(1,256)	(2,348)	-1.8%	(11,338)	-8.5%
Wright-Patterson	Dayton-Spingfield, OH MSA	440,377	(23,833)	(28,519)	(52,399)	-11.9%		

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Arnold	Coffee County, TN	41,000	$17,429	5.8%	301	7.2%	6.5%	5.8%
Brooks	San Antonio, TX MSA	1,377,000	$17,284	4.6%	13,745	6.7%	6.2%	5.6%
Edwards	Bakers Field, CA MSA	587,000	$15,836	3.1%	4,483	11.8%	13.9%	14.8%
Eglin	Fort Walton Beach, FL MSA	153,000	$17,656	5.7%	1,661	6.2%	6.5%	6.2%
Hanscom	Middleset, Norfolk, Plymouth, Suffolk, MA Counties	3,763,000	$25,911	5.9%	(836)	4.9%	7.9%	6.3%
Kirtland	Bernalillo County, NM	499,000	$18,582	4.8%	4,018	5.8%	5.5%	6.6%
Los Angeles	Los Angeles-Long Beach, CA PMSA	9,063,000	$21,434	4.1%	45,889	7.0%	9.1%	9.7%
Rome Lab	Utica-Rome, NY MSA	318,000	$16,870	5.1%	1,022	6.3%	7.0%	6.4%
Wright-Patterson	Dayton-Spingfield, OH MSA	969,000	$19,413	5.2%	3,948	6.1%	5.9%	5.5%

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Columbus	Lowdes& Monroe Counties MS	40,865	(2,552)	(871)	(3,423)	-8.4%		
Laughlin	Val Verde County, TX	15,173	(3,032)	(1,083)	(4,115)	-27.1%		
Randolph	San Antonio, TX MSA	643,206	(8,162)	(4,417)	(12,579)	-2.0%		
Reese	Lubbock, TX MSA	111,643	(2,496)	(950)	(3,446)	-3.1%		
Vance	Enid, OK MSA	26,177	(2,212)	(828)	(3,040)	-11.6%		

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Columbus	Lowndes & Monroe Conties, MS	96,000	$14,076	5.4%	383	8.1%	7.7%	6.0%
Laughlin	Val Verde County,TX	40,000	$11,167	5.1%	431	14.2%	11.8%	10.7%
Randolph	San Antonio, TX MSA	1,377,000	$17,284	4.6%	13,745	6.7%	6.2%	5.6%
Reese	Lubbock, TX MSA	224,000	$17,185	4.9%	773	5.7%	5.8%	5.2%
Vance	Enid, OK MSA	56,000	$17,398	3.7%	(521)	5.6%	4.4%	4.1%

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SOURCES OF CURRENT MANPOWER FOR DEPOT BASES

I	II	III	IV	V
BASE	AIR FORCE MIL& CIV FULL-TIME	TOTAL CONTRACT PERSONNEL	CONTRACT PERSONNEL SUBSET FOR MATERIAL COMMAND	GRANDS TOTALS
Tinker	18,559	10,191	10,026	28,750
Kelly	17,166	3,263	3,110	20,429
Hill	15,464	4,298	4,297	19,762
Robins	14,162	5,735	5,630	19,897
McClellen	11,289	2,083	1,966	13,372

SOURCES OF CURRENT MANPOWER FOR DEPOT BASES

I	II	III	IV	V
BASE	TOTAL AIR FORCE MIL& CIV	TOTAL ON BASE AIR FORCE CME	TOTAL NON-AIR FORCE TENEANT	TOTAL INSTALLATION
Hill	15,464	1,358	1,362	18,184
Kelly	17,166	718	2,000	19,884
McClellen	11,289	480	1,335	13,104
Robins	14,162	892	1,553	16,607
Tinker	18,559	865	2,962	22,386

Lab/Product Center -- COBRA Assumptions Update

Presented: 17 Oct 94

Level Playing Field Assumptions

- Assumptions Approved by BCEG
- AF Laboratory/Product Center/T&E Center Moves (AFMC 21 Baseline)
- Move Laboratory Programs at the Laboratory Directorate Level
  - Does Not Apply to Geographically Separated Portions of Directorates or Geographically Separated Directorates
- Use AFMC Program Master List to Identify Product Center Program Moves
- Use Center Mission Statements to Identify T&E Workload Moves

AFMC Consolidation Philosophy

- Geographically Consolidate Laboratory Directorates to the Laboratory Headquarters Location
- Collocate Laboratories and Product Centers
- Consolidate Product Center and Air Logistics Center Program Management - Integrated Weapon System Management (IWSM)
- Consolidate into Integrated Weapon Centers
  - E.g., Eglin AFB has Armament Laboratory/Product Center/T&E Functions

COBRA Assumptions
(Rome Laboratory)

- **BCEG Direction**
  - Cost Rome Lab (Hanscom AFB) to Rome, NY vice Wright-Patterson AFB
- **Status**
  - Consistent with AFMC Consolidation Philosophy
  - COBRA Data in Certification

COBRA Assumptions
(Los Angeles AFB)

- **BCEG Direction**
  - Evaluate a Split of Los Angeles AFB -- Missiles to Hill AFB and Spacecraft to McClellan AFB (Assumed)
- **Status**
  - Appropriate Excess Capacity at Kirtland AFB Greatly Exceeds Excess Capacity at McClellan AFB/No Excess Capacity Exists at Hill AFB
  - Construction Costs at McClellan AFB and Hill AFB Higher Than or Commensurate with Construction Costs at Kirtland AFB
- **Assessment**
  - No Cobra Cost Advantage Exists for Moving Los Angeles AFB Wholly or in part to Hill AFB and/or McClellan AFB

COBRA Assumptions
(Brooks AFB)

- Assumption: Complete Closure
- AF Laboratory/Product Center Moves

PREVIOUS

– Human Systems Center and the Armstrong Laboratory Relocated to Kelly AFB

RECOMMENDED CHANGE

– Human Systems Center and the Armstrong Laboratory Relocated to Wright-Patterson AFB (WPAFB)
  - Consistent with AFMC Consolidation Philosophy (Geographically Consolidates Human Systems Center/Armstrong Lab)
  - Consistent with BCEG Direction on COBRA Cost Assumptions for Geographic Consolidation of Rome Lab
  - Takes into Account Reutilization of Appropriate Excess Capacity at WPAFB Resulting from Aeronautical Systems Center Consolidation Efforts

Undergraduate Pilot Training

The Joint Analysis Process

1 10/17/94

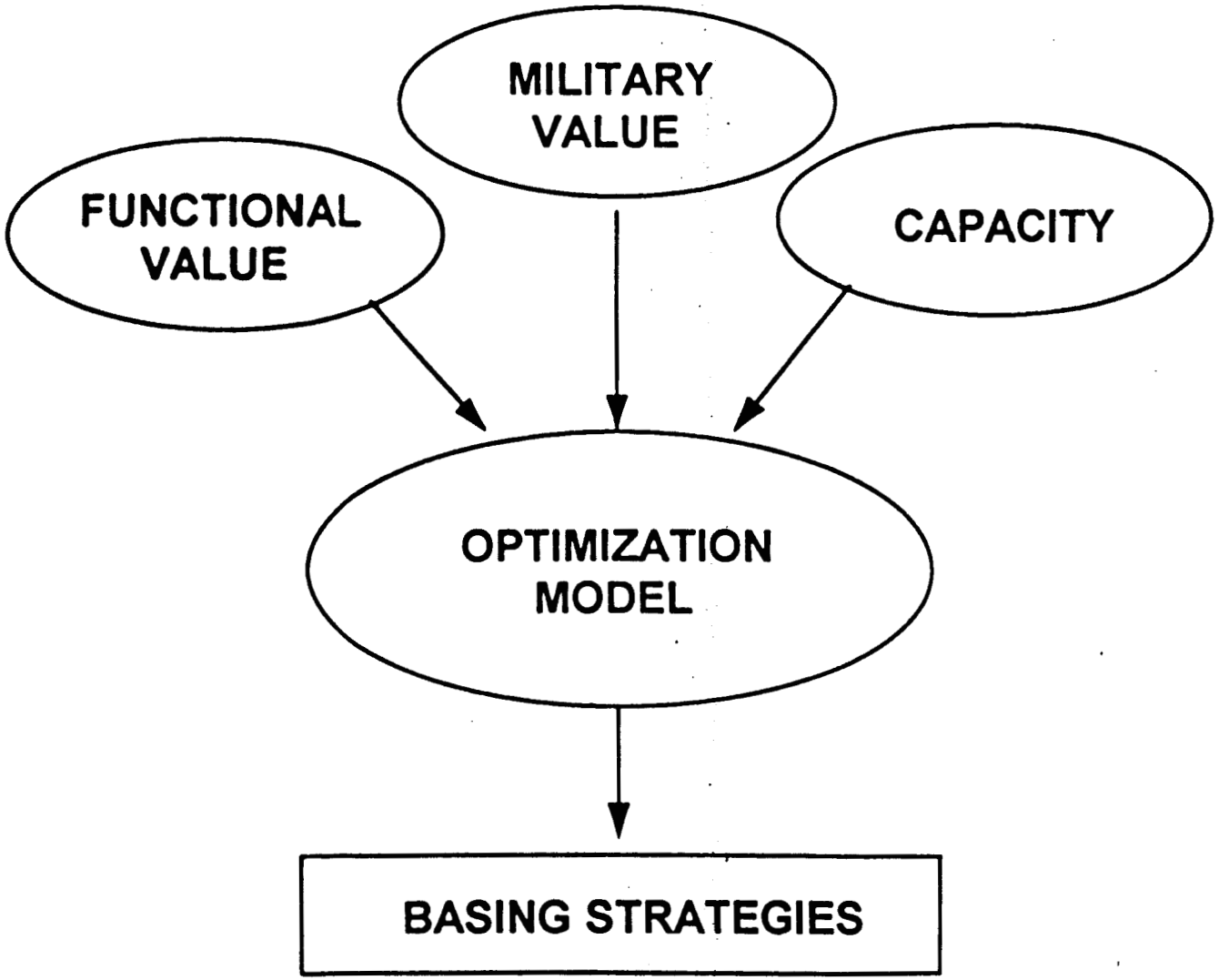
CLOSE HOLD

ATCH 3

Recommendations

- Retain Kirtland AFB as the Receiver Site for Los Angeles AFB Under "Level Playing Field" COBRA Cost Assumptions
- Revise receiver Site for Brooks AFB (Human Systems Center/Armstrong Lab) to Wright-Patterson AFB vice Kelly AFB

THE JOINT PROCESS



CLOSE HOLD

Functional Value Assessment: Exclusion Matrix

FUNCTION	Svc	A/C	COL	LAU	RAN	REE	SHP	VAN	CORP	KING	MER	PEN	WHT	FT RK
Flight Screen	USAF	T-3												
Primary Pilot	USN USAF	T-34 T-37 JPATS												X(2)
Airlift/Tanker	USAF	T-1											X(1)	X(1)
Int E2/C2 Adv Maritime	USN USAF	T-44												X(2)
Int & Adv Strike Adv E2/C2	USN	T-2 TA-4 T-45											X(1)	X(1)
Bomber/Fighter	USAF	T-38							X(1)				X(1)	X(1)
Helicopter	USN USAF USA	TH-57 UH-1 TH-67 OH-58	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)	X(2)			
Primay & Int Nav/NFO	USN USAF	T-34 T-39												X(2)
Adv NFO/WSO Strike	USN USAF	T-39 T-2		X(3)		X(3)	X(3)	X(3)						
Adv NFO Nav Panel	USN USAF	T-43											X(1)	X(1)

1)Runway Length Constraints 2)Lack of Outlying Fields 3)Too Far From Water

CLOSE HOLD

Functional Value:
Data Redundancy

- Functional Value Equates to Criteria I Grade

- Joint Overlap of Criteria II, VII, VIII Data
  - Criteria II 7%
  - Criteria VII 6%
  - Criteria VIII 2%

- Result: Insignificant Double Counting

CLOSE HOLD

Function Value Assessment: Measures of Merit & Weights

MEASURES OF MERIT	Primary Pilot
Managed Training Areas	5
Weather	14
Airspace & Flight Training Areas	22
Airfields	24
Ground Traininng Facilities	10
Aircraft Maintenance Facilities	5
Special Military Facilities	0
Proximity to Training Areas	0
Proximity to Other Support Areas	2
Unique Features	0
Air Quality	5
Encroachment	5
Services	8
Total	100

CLOSE HOLD

Functional Value:
FV to Color Grades

BASE	Primary	Airlift Tanker	Maritime E2/C2	Strike Adv E2/C2	Bomber Fighter	Prim/Int Nav/NFO	WSO Strike	Panel Nav	Flight Screen	Total	Avg
A	8	3	4		9	7.6	5.5	7.5	7	51.6	6.45
B	7	4	3		7	5.5		4.6	5	36.1	5.16
C	6	5	6		6	6.6	6.7	7.6	6	49.9	6.24
D	5	6	8		7	6		4.5	4	40.5	5.79
E	4	7	7		4	4.7		7.5	8	42.2	6.03
F	3	8	5		4	6.7		6	4	36.7	5.24

• For Explanation Purposes Only

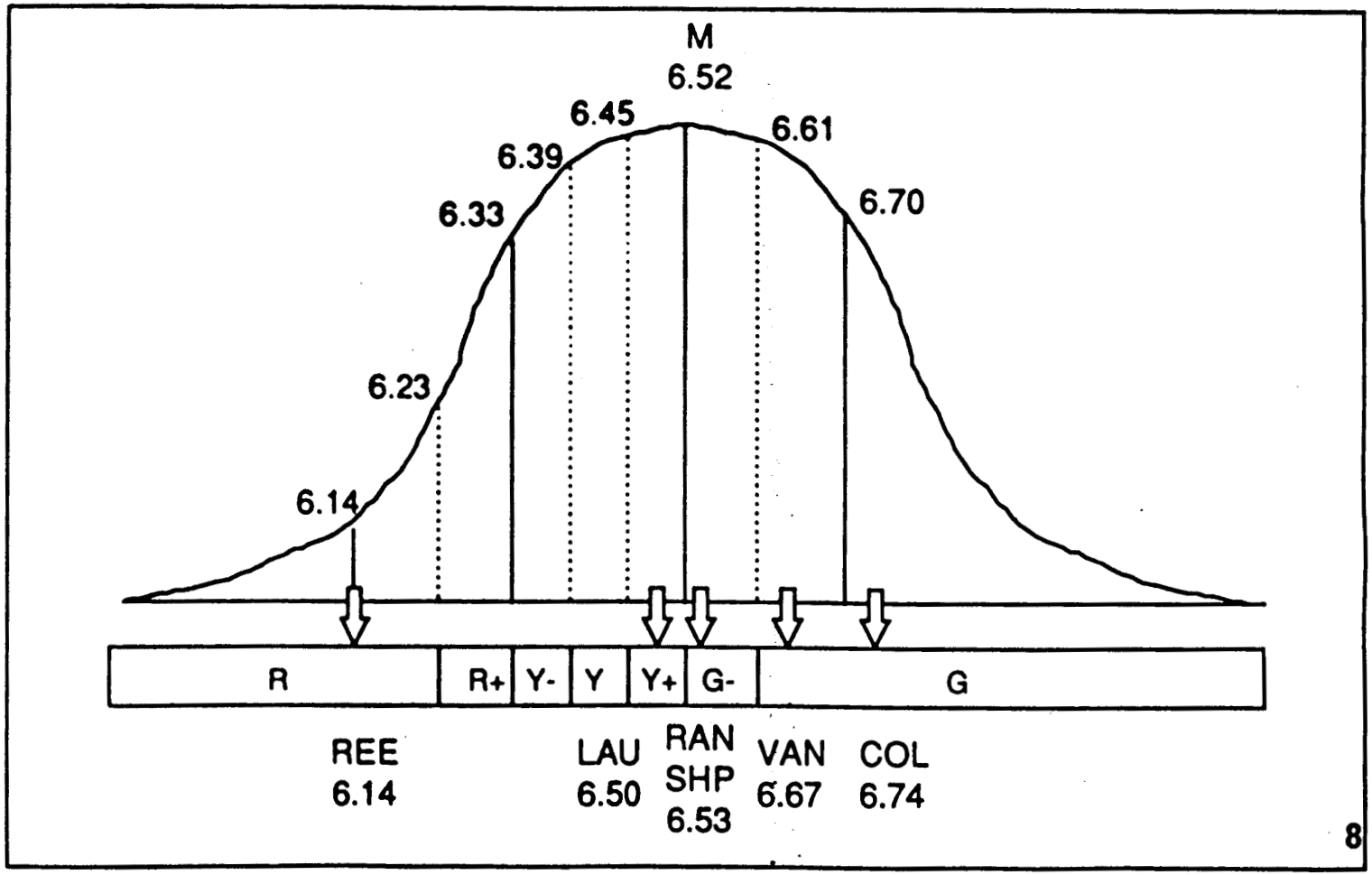
CLOSE HOLD

Functional Value:
FV to Color Grades

BASE	Primary	Airlift Tanker	Maritime E2/C2	Strike Adv E2/C2	Bomber Fighter	Prim/Int Nav/NFO	WSO Strike	Panel Nav	Flight Screen	Total	Avg
Columbus	6.8	6.3	6.7		6.4	6.9	6.6	7.6	6.6	53.9	6.74
Laughlin	7	5.8	6.5		5.5	7.1		6.8	6.8	45.5	6.50
Randolph	6.7	6.5	6.4		6.8	7.1	6.1	6.9	5.7	52.2	6.53
Reese	6	5.9	5.9		5.6	6.2		7.2	6.2	43	6.14
Sheppard	6.3	6.5	6.5		6.3	6.2		7.7	6.2	45.7	6.53
Vance	6.8	6.7	6.8		5.5	6.8		7.5	6.6	46.7	6.67

CLOSE HOLD

UPT Criterion I Color



CLOSE HOLD

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR RECORD 31 OCT 1994

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 18 October 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 McCarthy, AF/XOO
Brig Gen Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Mr. Myers, AF/CEP
Mr. Scovel, SAF/FMCCA
Lt Col Donnalley, AF/RTR

The meeting was called to order by Mr. Boatright. Mr. Myers, AF/CEP, briefed some changes to Criterion II data for UPT bases, using the slides at Atch 1. He then addressed the overall Criterion II grades, showing how the regrading had affected overall grades for the UPT bases. The BCEG directed that both of the errors in data be researched to determine where the errors had occurred and whether the corrections were adequately documented. The BCEG approved the changes and grades as briefed.

The BCEG then reviewed the grades for all eight criteria for the UPT subcategory bases in preparation for voting on the tiers for those bases. The BCEG members discussed each of the

criteria. Mr. Boatright reminded the members that the first four criteria are to be given emphasis under the OSD guidance. He noted that Criteria I is important here in that it reflects the JCSG evaluation of the base's performance of the pilot and navigator training missions. The Criterion IV cost and savings figures are less important in this category since all of these bases except Randolph are relatively low cost to close. Criterion II is the second most important in this category as it compares facilities, encroachment, and airspace. Criterion III is much less important for this category as the Air Force would not normally use these training bases for mobilization.

The BCEG then voted by secret written ballot. Each base was given either a 3, 2, or 1 by each BCEG member, with a 3 score representing the highest value for retention. The BCEG then recessed at 1125 and reconvened at 1145. After reviewing the vote totals, the BCEG discussed the appropriate tiers into which each base should be placed, and voted to place the bases in the following tiers: (Note: No bases placed in middle tier.)

	Base
Top Tier	Columbus
	Laughlin
	Randolph
	Vance
Bottom Tier	Reese

The tiers represent the results of the Air Force analysis. The tiers may also be used to represent "military value" of these bases as requested by the UPT JCSG in the event such values are provided. The BCEG noted that since Shepperd AFB was also being evaluated by the UPT JCSG but had been excluded in the Air Force analysis as part of the Technical Training Center subcategory because of insufficient excess capacity, it would be given a military value of 3 (Top Tier) if such values are provided.

Lt Col Donnalley, AF/RTR, presented some administrative data changes for Criterion VII, using the slides at Atch 2. The BCEG approved the changed data. Mr. Myers then briefed the remaining changes for Criterion II grading, using the slides at Atch 3, for the Depot, Lab/Product Center, T&E, and Small Aircraft subcategories. The BCEG asked that the inability to use Ft Devins housing for Hanscom be verified. The BCEG approved the grades, subject to verification of the Hanscom housing question.

Mr. Scovel, SAF/FMCCA, briefed level playing field COBRA data for the Lab, Product Center, and T&E subcategories, using the slides at Atch 4. Mr. Boatright asked to review the space that has been determined to be available at Wright-Patterson for the move from Brooks. The BCEG directed that the move from Eglin use the same available space at Wright-Patterson as that being used for the Brooks move

The BCEG noted the payback period associated with the Rome Lab move was caused by the closure of Griffiss in the last round which took much of the available savings. The BCEG also directed that the cost of moving the Eglin force structure to Edwards be reviewed, since AFMC had briefed large excess capacity at Edwards earlier. The BCEG then accepted the COBRA data, with the exception of the Eglin move to Wright-Patterson, a review of the Eglin move to Edwards, and a review of the available space at Wright-Patterson.

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:

Hanscom MFH
Edwards MILCON from Eglin
Wright-Patterson Available Space
Kirtland Sandia lab Unemployment Assumptions
Hanscom and Los Angeles CME figures
Kelly AFB Unemployment Assumptions
Luke MOA scores
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. UPT Crit II data
2. Admin remarks
3. Crit II data
4. COBRA data

Administrative Remarks
CE Feedback

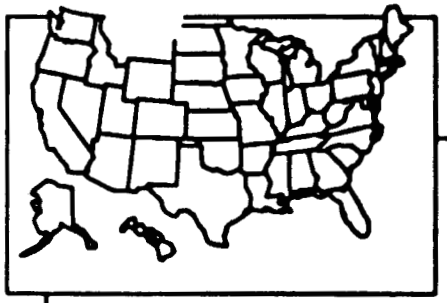
- Reese AFB
  - 116-662, Dangerous Cargo Pad
    - Current capacity: 0 SY to 11,333 SY
    - CC1: 0% to 40%, CC2: 0% to 60%
- Randolph AFB
  - 113: Airfield Pavement
    - CC1: 1% to 10%, CC2: 94% to 85%
  - 812: Elec Power
    - CC:1 47% to 82%, CC3: 35% to 0%

Base Closure Executive Group

Administrative

- **Section VII**
  - **Identified inconsistencies with names of facilities.**
  - **None change grades**
  - **Review of facility names helped identfy three data errors**
  - **Sub-element grades changed for five bases**
  - **OVERALL CRITERION VII COLOR RATING DID NOT CHANGE**
- Request
  - BCEG approval to make these corrections

ATCH 2



Base Closure Executive Group

Administrative

PROFESSIONAL SPORTS

- Cannon
  - old: 5 min Green
  - new: 6.5 hrs Red
- Grand Forks
  - old: 1 hr Green
  - new: 3.5 hrs Red
- Eglin and Hurlburt
  - old 1hr Green
  - new 4.5 hrs Red
- Tyndall
  - old .5 hrs Green
  - new 4.5 hrs Red

ADMIN - CE FEEDBACK

- Hanscom Unique Facilities & MFH
- Rome MFH
- Minor Changes
  - Reese
  - Randolph
- Criteria II
  - Labs
  - T&E
  - UPT
  - Depots
  - Small Aircraft

ATCH 3

Administrative Remarks
CE Feedback

- Hanscom
  - 4 Rome Lab unique facilities
  - 4 Philips Lab unique facilities
  - Does MFH capacity account for Ft Devins?
    - Hanscom did not assume Ft Devins MFH due to poor condition of units
- Rome
  - Green w/no housing
    - 0 units falls above mean of -218: Green
    - Housing rqmt satisfied by off-base inventory

Criteria II - Overall Laboratories

BASE	FAC - BASE (40%)	FAC - HOUSING (10%)	ENCROACHMENT (10%)	AIR QUALITY (40%)	OVERALL
Brooks	Y+	G	R	G-	Y+
Hanscom	Y+	G-	R	Y+	Y+ (Y)
Kirtland	G- (G)	Y-	G-	Y+	Y+
Los Angeles	Y (Y-)	G	R	Y-	Y (Y-)
Rome	G- (Y)	G (NA)	R	Y+	Y+ (Y-)
Wright-Pat	G-	Y-	G	Y-	Y+

Note: "( )" is rating before change in weighting method

Criteria II - Facilities, Base Laboratories

BASE	FAC CAPACITY - BASE (45%)	FAC CONDITION - BLDG (15%)	FAC CONDITION - INFRA (25%)	UNIQUE FAC (5%)	UTILITY CAPACITY (10%)	OVERALL
Brooks	Y	Y	G-	G (R)	G	Y+
Hanscom	Y	Y (G)	Y+ (G)	G (R)	G	Y+
Kirtland	G	Y+ (G)	Y (G)	G	G	G- (G)
Los Angeles	Y	R+ (R)	Y (R)	G	G	Y (Y-)
Rome	Y	G (R)	G (Y)	G	G	G- (Y)
Wright-Pat	G	Y (G)	Y- (Y)	G	G	G-

Note: "( )" is rating before change in weighting method

Criteria II - Overall
UPT

BASE	FAC - BASE (40%)	FAC - HOUSING (10%)	ENCROACHMENT (10%)	AIR QUALITY (40%)	OVERALL
Columbus	G- (G)	Y+	G	G	G-
Laughlin	Y+ (Y)	G-	G	G	G-
Randolph	Y+ (G-)	R	G- (Y+)	G	Y+ (G-)
Reese	Y (Y+)	G	G	G	G-
Vance	Y- (Y)	G	G	G	Y+ (G-)

Criteria II - Facilities, Base UPT

BASE	FAC CAPACITY - BASE (45%)	FAC CONDITION - BLDG (15%)	FAC CONDITION - INFRA (25%)	UNIQUE FAC (5%)	UTILITY CAPACITY (10%)	OVERALL
Columbus	G	Y+ (G)	G	R	G	G-
Laughlin	G	Y- (R)	Y- (R)	R	G (R)	Y+ (Y)
Randolph	G	G- (G)	R+ (Y)	R	G	Y+ (G-)
Reese	Y	Y+ (G)	Y (G)	R	G	Y (Y+)
Vance	R	Y+ (G)	Y (G)	R	G	Y- (Y)

Note: "( )" is rating before change in weighting method

Criteria II - Overall Depots

BASE	FAC - BASE (40%)	FAC - HOUSING (10%)	ENCROACHMENT (10%)	AIR QUALITY (40%)	OVERALL
Hill	G	Y+	Y+	Y	Y+
Kelly	G- (G)	G-	Y+	G-	G-
McClellan	Y	G-	G-	Y	Y+
Robins	Y+ (G-)	R+	G	G	G-
Tinker	G- (Y+)	G	G-	G	G (G-)

Note: "( )" is rating before change in weighting method

Criteria II - Facilities, Base Depots

BASE	FAC CAP - BASE (45%)	FAC COND - BLDG (15%)	FAC COND - INFRA (25%)	UNIQUE FAC (5%)	UTILITY CAP (10%)	OVERALL
Hill	G	G- (G)	G- (G)	G	G	G
Kelly	G	Y+ (Y)	G- (G)	G	G	G- (G)
McClellan	R	Y+ (Y)	G- (G)	G	G	Y
Robins	Y	G- (G)	G- (G)	G	G	Y+ (G-)
Tinker	G	Y (R)	Y (R)	G	G	G- (Y+)

Note: "( )" is rating before change in weighting method

Criteria II - Overall
Small Aircraft

BASE	FAC - BASE (40%)	FAC - HOUSING (10%)	ENCROACHMENT (10%)	AIR QUALITY (40%)	OVERALL
Cannon	Y+ (Y)	Y+	G	G	G-
Davis Monthan	G- (Y+)	Y+	G-	G-	G-
Holloman	G-	Y+	G	G-	G-
Hurlburt	Y+	G-	G	G	G-
Langley	G-	Y+	G	Y+	G-
Luke	G-	Y+	G-	R	Y
Moody	Y	G	G	G	G-
Mt Home	Y+ (Y)	Y	G	G	G-
Seymour Johnson	G-	Y-	Y+	G	G-
Shaw	Y+	Y+	Y+	G	G-
Tyndall	G	Y	G	G-	G-

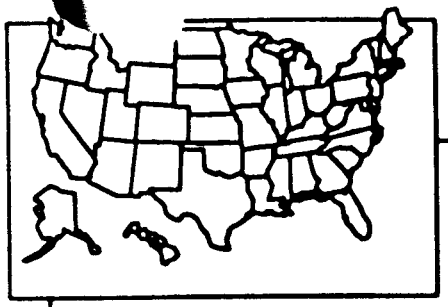
Note: "( )" is rating before change in weighting method

CLOSE HOLD - BCEG/BCEG STAFF ONLY

Criteria II - Facilities, Base Small Aircraft

BASE	FAC CAPACITY - BASE (45%)	FAC CONDITION - BLDG (15%)	FAC CONDITION - INFRA (25%)	UNIQUE FAC (5%)	UTILITY CAPACITY (10%)	OVERALL
Cannon	Y	Y+ (R)	G- (G)	R	G	Y+ (Y)
Davis Monthan	G	Y+ (R)	Y (R)	G	G	G- (Y+)
Holloman	G	Y+ (G)	Y (R)	G	G	G-
Hurlburt	Y	G- (Y)	G- (G)	R	G	Y+
Langley	G	Y+ (y)	G- (Y)	R	G	G-
Luke	G	G- (G)	G- (Y)	R	G	G-
Moody	R	G- (G)	G- (G)	R	G	Y
Mt Home	Y	Y+ (R)	G- (G)	R	G	Y+ (Y)
Seymour Johnson	G	Y+ (Y)	G- (G)	R	G	G-
Shaw	Y	G- (G)	G- (G)	R	G	Y+
Tyndall	G	G- (G)	G	G	G	G

Note: "( )" is rating before change in [illegible]ghting method

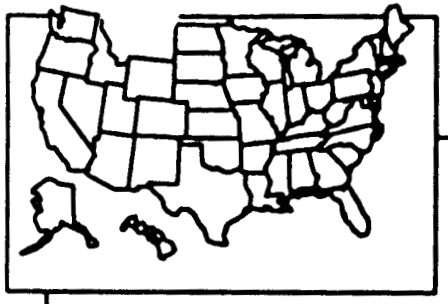


LAB, PRODUCT CENTER, T & E

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
BROOKS	240	(84)	28	10	438
EGLIN	1,996	604	117	25	2,138
HANSCOM	421	(158)	50	9	744
KIRTLAND	448	(469)	81	6	1,492
LOS ANGELES	450	(142)	50	10	325
ROME LAB	133	112	1	100+	5
WRIGHT-PATTERSON	1,567	834	64	49	2,029

ATCH 4

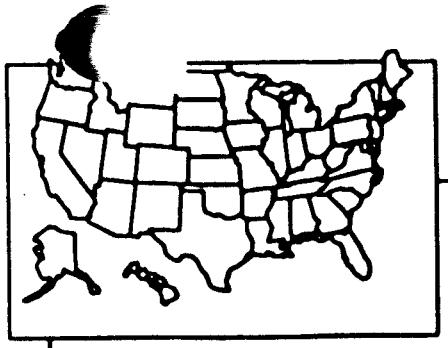


LAB, PRODUCT CENTER, T & E

BROOKS

(FY 96 $ M)

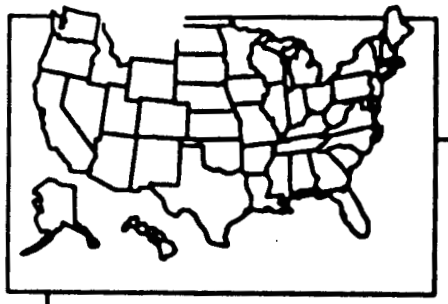
CONSTRUCTION	
• MISSION:	144
• MFH:	0
MOVING:	44
PERSONNEL COSTS:	4
OVERHEAD:	5
OTHER:	43
TOTAL:	240



LAB, PRODUCT CENTER, T & E

EGLIN
(FY 96$ M)

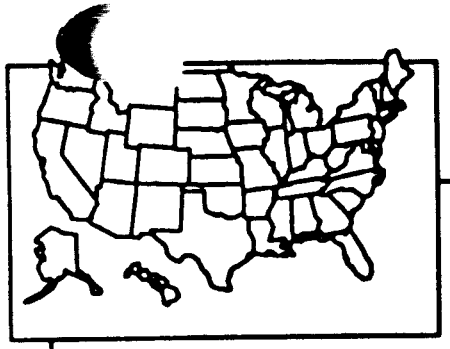
CONSTRUCTION	
• MISSION:	1,695
• MFH:	21
MOVING:	223
PERSONNEL COSTS:	22
OVERHEAD:	25
OTHER:	11
TOTAL:	1,996



LAB, PRODUCT CENTER, T & E

HANSCOM
(FY 96$ M)

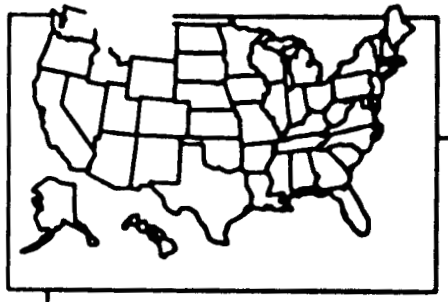
CONSTRUCTION	
• MISSION:	210
• MFH:	0
MOVING:	55
PERSONNEL COSTS:	10
OVERHEAD:	10
OTHER:	137
TOTAL:	421



LAB, PRODUCT CENTER, T & E

KIRTLAND
(FY 96$ M)

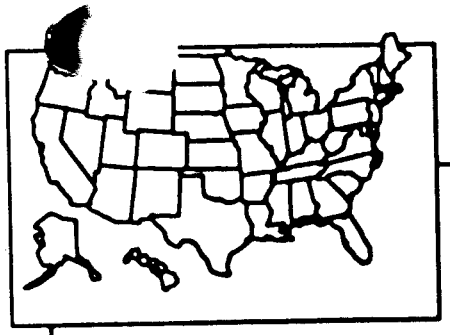
CONSTRUCTION	
• MISSION:	216
• MFH:	0
MOVING:	175
PERSONNEL COSTS:	12
OVERHEAD:	15
OTHER:	30
TOTAL:	448



LAB, PRODUCT CENTER, T & E

LOS ANGELES
(FY 96$ M)

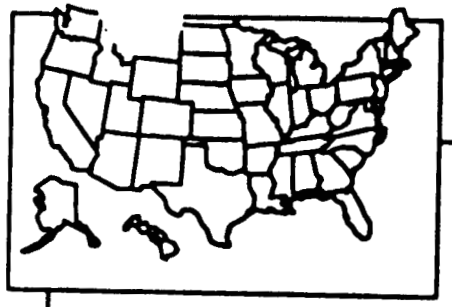
CONSTRUCTION	
• MISSION:	215
• MFH:	14
MOVING:	53
PERSONNEL COSTS:	6
OVERHEAD:	9
OTHER:	153
TOTAL:	450



LAB, PRODUCT CENTER, T & E

ROME LAB
(FY 96$ M)

CONSTRUCTION	
• MISSION:	95
• MFH:	0
MOVING:	31
PERSONNEL COSTS:	3
OVERHEAD:	1
OTHER:	2
TOTAL:	133



LAB, PRODUCT CENTER, T & E

WRIGHT-PATTERSON
(FY 96$ M)

CONSTRUCTION	
• MISSION:	1,090
• MFH:	0
MOVING:	343
PERSONNEL COSTS:	48
OVERHEAD:	34
OTHER:	53
TOTAL:	1,567

The attached record represents the grades for each of the eight criteria as reviewed by the BCEG before voting on tiers for each category. Attachment of these grades was requested by Air Force Audit Agency, and approved by the BCEG during the BCEG meeting of December 7, 1994.

J. BRYAN ECHOLS, Lt Col, USAF
BCEG Recorder

Attachment

Base Name	I	II	III	IV	V	VI	VII	VIII
Columbus AFB	Green	Green	Yellow	17/-333	1	3,423 (8.4%)	Yellow +	Yellow
Laughlin AFB	Yellow +	Green -	Yellow -	25/-275	2	4,115 (27.1%)	Yellow	Yellow +
Randolph AFB	Green -	Green -	Yellow	204/-59	13	12,579 (2.0%)	Green -	Yellow -
Reese AFB	Red	Green -	Yellow -	15/-259	1	3,446 (3.1%)	Green -	Yellow
Vance AFB	Green	Green -	Yellow -	14/-254	1	3,040 (11.6%)	Green -	Yellow +

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

31 OCT 1994

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 1030 hours on 19 October 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 McCarthy, AF/XOO
Brig Gen Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Mr. Myers, AF/CEP
Mr. Scovel, SAF/FMCCA
Mr. Schoenecker, AF/CEVP

The meeting was called to order by Mr. Boatright. He raised the issue of giving a Red grade to the Criterion II Encroachment subelement if a base didn't have a runway. Although it is important to give credit to the added value of a base with a runway, this is adequately captured in Criteria I and III. After discussion, the BCEG agreed to use a Not Applicable (N/A) grade for Criterion II Encroachment when a base has no runway.

Mr. Myers, AF/CEP, briefed changes to Kirtland AFB Facility Condition Codes, using the slides at Atch 1. The BCEG questioned why these errors were not caught in the certification process. After discussion, the BCEG directed that a spot sample be conducted to determine if

there are wide-spread errors in condition code reporting, and also requested a review of the circumstances of the errors in the Kirtland data. Mr. Boatright stated that he would request the AFAA to conduct a sample audit in accordance with established audit procedures. Also, he would ask the AF Civil Engineer to provide technical assistance to the auditor. In addition, Mr. Boatright asked Dr. Wolff to conduct a review of the circumstances at Kirtland and report to the BCEG. The BCEG accepted the changes as briefed.

Mr. Scovel, SAF/FMCCA, briefed COBRA data on Labs, Product Centers, and T&E facilities, using the slides at Atch 2. The results incorporate the changes as approved by the BCEG in previous meetings. Mr. Boatright mentioned that he had reviewed the available space on Wright-Patterson AFB and it was reasonable for use as excess capacity. The BCEG accepted the COBRA data as briefed.

Mr. Scovel then briefed the Small Aircraft subcategory level playing field COBRA figures, using the slides at Atch 3. When the Shaw AFB move was briefed, the BCEG questioned whether this was consistent with the Cannon beddown of F-16 aircraft. After discussion, the BCEG voted to change the Cannon AFB assumptions to match that of Shaw relating to F-16s. The BCEG then approved the briefed COBRA data, with the exception of the change to the Cannon AFB figures.

Mr. Schoenecker, AF/CEVP, briefed Criterion VI data on Depots, Labs, T&E facilities, and Small Aircraft bases, using the slides at Atch 4. The numbers reflect consistency with the COBRA assumptions for all bases. Rome Lab reflects updated information received from OSD. Los Angeles AFB and Hanscom AFB reflect all FFRDC personnel as on-base, but Hanscom does not include any numbers for Lincoln Lab, which was assumed to remain. The BCEG accepted the Criterion VI data as briefed.

The BCEG then considered all eight criteria for Eglin AFB, the sole non-excluded base within the T&E subcategory. After discussion, the BCEG voted by secret written ballot on the relative value of Eglin AFB, with a 3 as the highest score of a possible 3, 2, or 1. Upon review of the votes, the BCEG voted to report Eglin as a Tier 1 base, the highest value for retention.

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.

OPEN ITEMS: Cannon COBRA with new assumptions
Luke MOA scores
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments

1. Kirtland Facilities
2. Lab, T&E, COBRA
3. Small A/C COBRA
4. Lab, T&E, Small A/C Crit VI

ADMIN - CE FEEDBACK

- Kirtland Condition Codes

Facilities Condition - Buildings

Kirtland AFB Changes

cat_code	Title	Condition Code 1		Condition Code 2		Condition Code 3	
		Change to	Instead of	Change to	Instead of	Change to	Instead of
211-111	Maint Hangar	58.0%	87.0%	42.0%	13.0%		0.0%
211-157	Jet Engine I&R	27.0%	95.0%	73.0%	5.0%		0.0%
211-179	Fuel Sys Maint Doc	15.0%	100.0%	85.0%	0.0%		0.0%
214-425	Trailer/Equip Maint Fac	10.0%	80.0%	90.0%	20.0%		0.0%
214-467	Refueling Veh Shp	0.0%	72.0%	100.0%	28.0%		0.0%
218-852	Survival Equip Shp	29.0%	100.0%	71.0%	0.0%		0.0%
219	Maint - Installation, Rpr and Ops	13.0%	92.0%	86.0%	8.0%	1.0%	0.0%
310	Science Labs	10.0%	99.0%	90.0%	1.0%		0.0%
317	Elec Comm, and Elec Equip RDT&E Facs	16.0%	85.0%	83.0%	14.0%	1.0%	0.0%
510	Medical Ctr/Hospital	78.0%	78.0%	0.0%	22.0%	22.0%	0.0%
530	Med Labs	33.0%	100.0%	67.0%	0.0%		0.0%
610	Admin Bldgs	18.0%	83.0%	70.0%	15.0%	12.0%	2.0%
722-351	Amn Dining Hall	50.0%	100.0%	50.0%	0.0%		0.0%
730	Personnel Spt & Svcs Fac	51.0%	90.0%	46.0%	7.0%	3.0%	3.0%
740	MWR - Interior	0.0%	49.0%	88.0%	39.0%	12.0%	12.0%

BCEG CLOSE HOLD

TEST & EVALUATION

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
EGLIN	1,805	427	117	21	2,138

BCEG CLOSE HOLD

1 10/1/96

BCEG CLOSE HOLD

TEST & EVALUATION

EGLIN
(FY 96$ M)

CONSTRUCTION	
• MISSION	1,503
• MFH	21
MOVING:	223
PERSONNEL COSTS	22
OVERHEAD:	25
OTHER:	11
TOTAL:	1,805

BCEG CLOSE HOLD

2 10/1/96

ATCH

BCEG CLOSE HOLD

LABS AND PRODUCT CENTERS

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
BROOKS	246	(78)	28	10	438
HANSCOM	421	(158)	50	9	744
KIRTLAND	448	(469)	81	6	1,492
LOS ANGELES	450	(142)	50	10	325
ROME LAB	133	112	1	100+	5
WRIGHT-PATTERSON	1,567	834	64	49	2,029

BCEG CLOSE HOLD

1 10/18/94

BCEG CLOSE HOLD

LABS AND PRODUCT CENTERS

BROOKS

(FY 96 $ M)

CONSTRUCTION	
• MISSION	144
• MFH	0
MOVING:	44
PERSONNEL COSTS	4
OVERHEAD	5
OTHER:	43
TOTAL:	240

BCEG CLOSE HOLD

2 10/18/94

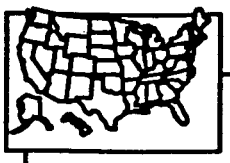
BCEG CLOSE HOLD

LABS AND PRODUCT CENTERS

HANSCOM
(FY 96$ M)

CONSTRUCTION	
• MISSION:	210
• MFH:	0
MOVING:	55
PERSONNEL COSTS:	10
OVERHEAD:	10
OTHER:	137
TOTAL:	421

BCEG CLOSE HOLD



BCEG CLOSE HOLD

LABS AND PRODUCT CENTERS

KIRTLAND
(FY 96$ M)

CONSTRUCTION	
• MISSION:	216
• MFH:	0
MOVING:	175
PERSONNEL COSTS:	12
OVERHEAD:	15
OTHER:	30
TOTAL:	448

BCEG CLOSE HOLD

5 10/18/94

BCEG CLOSE HOLD

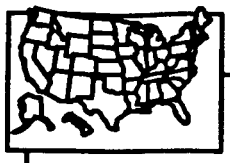
LABS AND PRODUCT CENTERS

LOS ANGELES
(FY 96$ M)

CONSTRUCTION	
• MISSION	215
• MFH:	14
MOVING:	53
PERSONNEL COSTS	6
OVERHEAD:	9
OTHER:	153
TOTAL:	450

BCEG CLOSE HOLD

6 10/18/94



BCEG CLOSE HOLD

LABS AND PRODUCT CENTERS

ROME LAB
(FY 96$ M)

CONSTRUCTION	
• MISSION:	95
• MFH:	0
MOVING:	31
PERSONNEL COSTS:	3
OVERHEAD:	1
OTHER:	2
TOTAL:	133

BCEG CLOSE HOLD

7 10/18/94

BCEG CLOSE HOLD

LABS AND PRODUCT CENTERS

WRIGHT-PATTERSON
(FY 96$ M)

CONSTRUCTION	
• MISSION	1,090
• MFH	0
MOVING	343
PERSONNEL COSTS	48
OVERHEAD	34
OTHER:	53
TOTAL:	1,567

BCEG CLOSE HOLD

8 10/18/94

SMALL AIRCRAFT

CRITERIA IV & V

LEVEL PLAYING FIELD

SMALL AIRCRAFT

CANNON
(FY 96 $ M)

CONSTRUCTION	
• MISSION	33
•MFH	0
MOVING	25
PERSONNEL COSTS	6
OVERHEAD	6
OTHER:	2
TOTAL:	71

ATCH 3

BCEG CLOSE HOLD

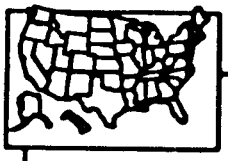
SMALL AIRCRAFT

DAVIS MONTHAN
(FY 96$ M)

CONSTRUCTION	
• MISSION:	157
• MFH:	148
MOVING:	39
PERSONNEL COSTS:	5
OVERHEAD:	8
OTHER:	3
TOTAL:	360

BCEG CLOSE HOLD

3 10/18/94



BCEG CLOSE HOLD

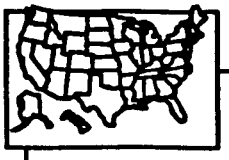
SMALL AIRCRAFT

HOLLOMAN
(FY 96$ M)

CONSTRUCTION	
• MISSION	199
• MFH	13
MOVING:	27
PERSONNEL COSTS	8
OVERHEAD:	9
OTHER:	2
TOTAL:	257

BCEG CLOSE HOLD

4 10/18/94



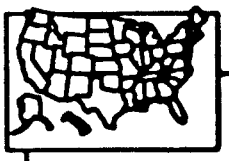
BCEG CLOSE HOLD

SMALL AIRCRAFT

LANGLEY
(FY 96$ M)

CONSTRUCTION	
• MISSION:	134
• MFH:	73
MOVING:	66
PERSONNEL COSTS:	9
OVERHEAD:	8
OTHER:	4
TOTAL:	294

BCEG CLOSE HOLD



BCEG CLOSE HOLD

SMALL AIRCRAFT

HURLBURT
(FY 96$ M)

CONSTRUCTION	
• MISSION	107
• MFH.	0
MOVING:	10
PERSONNEL COSTS	5
OVERHEAD	5
OTHER:	1
TOTAL:	129

BCEG CLOSE HOLD

BCEG CLOSE HOLD

SMALL AIRCRAFT

LUKE
(FY 96$ M)

CONSTRUCTION	
• MISSION:	79
• MFH:	13
MOVING:	71
PERSONNEL COSTS:	7
OVERHEAD:	9
OTHER:	1
TOTAL:	180

BCEG CLOSE HOLD

7 10/18/94

BCEG CLOSE HOLD

SMALL AIRCRAFT

MOODY
(FY 96$ M)

CONSTRUCTION	
• MISSION	37
• MFH	26
MOVING	25
PERSONNEL COSTS	5
OVERHEAD	4
OTHER:	2
TOTAL:	98

BCEG CLOSE HOLD

8 10/18/94

BCEG CLOSE HOLD

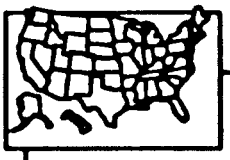
SMALL AIRCRAFT

MOUNTAIN HOME
(FY 96$ M)

CONSTRUCTION	
• MISSION:	129
• MFH:	76
MOVING:	27
PERSONNEL COSTS:	5
OVERHEAD:	7
OTHER:	1
TOTAL:	245

BCEG CLOSE HOLD

9 10/18/94



BCEG CLOSE HOLD

SMALL AIRCRAFT

SEYMOUR-JOHNSON
(FY 96$ M)

CONSTRUCTION	
• MISSION:	74
• MFH:	50
MOVING:	38
PERSONNEL COSTS:	6
OVERHEAD:	8
OTHER:	2
TOTAL:	179

BCEG CLOSE HOLD

10 10/18/94

BCEG CLOSE HOLD

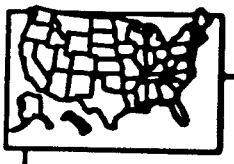
SMALL AIRCRAFT

SHAW
(FY 96$ M)

CONSTRUCTION	
• MISSION:	88
• MFH:	55
MOVING:	35
PERSONNEL COSTS:	6
OVERHEAD:	8
OTHER:	2
TOTAL:	194

BCEG CLOSE HOLD

11 10/18/94



BCEG CLOSE HOLD

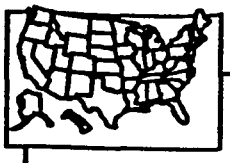
SMALL AIRCRAFT

TYNDALL
(FY 96$ M)

CONSTRUCTION	
• MISSION	124
• MFH	7
MOVING	34
PERSONNEL COSTS	6
OVERHEAD	7
OTHER	2
TOTAL:	179

BCEG CLOSE HOLD

12 10/18/94



SMALL AIRCRAFT

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
CANNON	71	(516)	41	1	978
DAVIS-MONTHAN	360	(16)	25	17	761
HOLLOMAN	257	(633)	65	4	1,392
HURLBURT	129	(400)	38	4	865
LANGLEY	294	(517)	57	5	1,161
LUKE	180	(343)	37	5	1,048
MOODY	98	(438)	37	2	839
MOUNTAIN HOME	245	(414)	45	5	1,005
SEYMOUR-JOHNSON	179	(462)	45	4	964
SHAW	196	(513)	49	4	1,055
TYNDALL	179	(373)	38	5	952

ECONOMIC ARE. IMPACT TABLE I:
BASIC FACTS AND POTENTIAL CLOSURE IMPACTS

I AIR FORCE BASE	II ECONOMIC AREA	III BLS 1993 EMPLOY	IV DIRECT INSTALLATION MIL & CIV JOB LOSS	V INDIRECT JOB LOSS	VI TOTAL JOB LOSS	VII JOB LOSS AS % OF 93 BLS EMPLOY	VIII CUMULATIVE TOTAL (MIL & CIV) JOB LOSS	IX CUMULATIVE JOB LOSS AS % OF 93 BLS EMPLOY
Hill	Salt Lake City-Ogden, UT MSA	566,518	(17,597)	(21,151)	(38,748)	-6.8 %		
Kelly	San Antonio, TX MSA	643,206	(16,913)	(24,212)	(41,125)	-6.4 %		
McClellan	Sacramento, CA PMSA	627,813	(12,675)	(17,107)	(29,782)	-4.7 %	(32,438)	-5.2%
Robins	Macon, GA MSA	131,511	(16,607)	(15,397)	(32,004)	-24.3 %		
Tinker	Oklahoma City, OK MSA	470,531	(22,386)	(25,204)	(47,590)	-10.1 %		

Column I is the Air Force base.

Column II is the name of the county or multi-county economic area against which all numbers and measures in this table relate.

Column III is the 1993 overall employment base for the economic area. These figures were gathered from the U.S. Department of Commerce, Bureau of Labor Statistics (BLS), by the Logistics Management Institute (LMI), the OSD contractor for base closure.

Column IV is the number of installation jobs -- military, civilian, and base-support contractor man-year equivalents (on base), as well as non-Air Force tenants where applicable - lost because of closure.

Column V is the indirect total job loss determined by applying two or more multipliers at most bases by column IV. Multipliers for civilians are higher than multipliers for military personnel. Also, multipliers vary among types of bases. Specifically, multipliers for depot and R&D facilities are higher than for other types of bases. Finally, multipliers in medium to large metropolitan areas are generally higher than in small metropolitan and non metropolitan areas.

Column VI is the total job loss -- direct and indirect -- due to closure and it is determined by adding columns IV and V.

Column VII is the percentage of the 1993 employment base lost in the economic area because of Air Force closure and is determined by dividing column III into column VI.

Column VIII is the cumulative total job loss -- all military departments and the Defense Logistics Agency -- due to closure. It is determined by adding total job losses due to Air Force closure under column VI to the job losses scheduled after 30 September 1994 by other military departments and the DLA because of other BRAC 89, 91 or 93 actions.

Column [illegible] the cumulative percentage of the 1993 employment base lost in the economic area because of total military department and DLA job losses and it is determined by dividing column [illegible]

ATCH 4

ECO. ,MIC AREA IMPACT TABLE . HISTORICAL INFORMATION

I AIR FORCE BASE	II ECONOMIC AREA	III 1992 CENSUS OF POP	IV 1992 PER CAP INCOME	V 84-92 AVG ANN % INC PER CAP INCOME	VI 84-93 AVG JOB GWTH PER YEAR	VII AVG 10 YR 84-93 UNEMP RATE	VIII AVG 3 YR 91-93 UNEMP RATE	IX 93 UNEMP RATE
Hill	Salt Lake City-Ogden, UT MSA	1,127,000	$16,864	4.7%	14,859	4.8%	4.3%	3.6%
Kelly	San Antonio, TX MSA	1,377,000	$17,284	4.6%	13,745	6.7%	6.2%	5.6%
McClellan	Sacramento, CA PMSA	1,148,000	$20,398	5.3%	14,158	6.3%	7.4%	8.3%
Robins	Macon, GA MSA	296,000	$17,542	5.8%	1,843	5.7%	5.5%	5.8%
Tinker	Oklahoma City, OK MSA	981,000	$17,649	3.7%	(1,265)	5.6%	5.3%	5.0%

Column I: is the Air Force base.

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Column III: is the 1992 Department of Commerce, Bureau of the Census Population Estimates for the economic area. Data was gathered by the Logistics Management Institute (LMI), the OSD contractor, from the Department of Commerce, Bureau of Economic Analysis data files.

Column IV: is the 1991 per capita income figure as gathered by LMI from Bureau of Economic Analysis data files.

Column V: is the average annual percentage per capita income growth for the period, 1984-91, as determined by LMI using Bureau of Economic Analysis data files.

Column VI: is the average annual employment base growth for the period, 1984-93. It was developed by LMI from information in the Department of Labor, Bureau of Labor Statistics data files.

Column VII: is the 10-year, 1984-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor Statistics data files. Average annual US unemployment rate for this period was 6.5% (seasonally adjusted)

Column VIII: is the 3-year, 1991-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor Statistics data files. Average annual US unemployment rate for this period was 7.0% (seasonally adjusted)

Column IX: is the 1993 unemployment rate as gathered by LMI from Bureau of Labor Statistics data files. 1993 US unemployment rate was 6.8% (seasonally adjusted)

Data Comparison

	TOTAL JOB LOSS		% AREA JOB LOSS	
BASE	BEFORE	AFTER	BEFORE	AFTER
HILL	(49,855)	(38,748)	-8.8%	-6.8%
KELLY	(53,115)	(41,125)	-8.3%	-6.4%
McCLELLAN	(36,316)	(32,438)	-5.8%	-5.2%
ROBINS	(41,783)	(32,004)	-31.8%	-24.3%
TINKER	(71,875)	(47,590)	-15.3%	-10.1%

ECONOMIC ARE. .MPACT TABLE I:
BASIC FACTS AND POTENTIAL CLOSURE IMPACTS

I AIR FORCE BASE	II ECONOMIC AREA	III BLS 1993 EMPLOY	IV DIRECT INSTALLATION MIL & CIV JOB LOSS	V INDIRECT JOB LOSS	VI TOTAL JOB LOSS	VII JOB LOSS AS % OF 93 BLS EMPLOY	VIII CUMULATIVE TOTAL (MIL & CIV) JOB LOSS	IX CUMULATIVE JOB LOSS AS % OF 93 BLS EMPLOY
Brooks	San Antonio, TX MSA	643,206	(3,579)	(4,144)	(7,723)	-1.2 %		
Eglin	Fort Walton Beach, FL MSA	64,977	(14,169)	(9,172)	(23,341)	-35.9 %		
Hanscom	Middleset, Norfolk, Plymouth, Suffolk, MA Counties, Essex Co	1,902,937	(5,263)	(7,119)	(12,382)	-0.7 %	(14,471)	-0.8%
Kirtland	Bernalillo County, NM	254,851	(10,215)	(10,149)	(20,364)	-8.0 %		
Los Angeles	Los Angeles-Long Beach, CA PMSA	3,984,000	(6,691)	(9,548)	(16,239)	-0.4 %	(22,935)	-0.6%
Rome Lab	Utica-Rome, NY MSA	133,830	(1,092)	(1,255)	(2,347)	-1.8 %	(10,931)	-8.2%
Wright-Patterson	Dayton-Spingfield, OH MSA	440,377	(23,880)	(28,519)	(52,399)	-11.9 %		

Column I is the Air Force base.

Column II is the name of the county or multi-county economic area against which all numbers and measures in this table relate.

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Column IX is the cumulative percentage of the 1993 employment base lost in the economic area because of total military department and DLA job losses and it is determined by dividing column III into column VIII

ECO. ɔMIC AREA IMPACT TABLE HISTORICAL INFORMATION

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Brooks	San Antonio, TX MSA	1,377,000	$ 17,284	4.6 %	13,745	6.7 %	6.2 %	5.6 %
Eglin	Fort Walton Beach, FL MSA	153,000	$ 17,656	5.7 %	1,661	6.2 %	6.5 %	6.2 %
Hanscom	Middleset, Norfolk, Plymouth, Suffolk, MA Counties, Essex.Co	3,763,000	$ 25,911	5.9 %	(836)	4.9 %	7.5 %	6.3 %
Kirtland	Bernalillo County, NM	499,000	$ 18,582	4.8 %	4,018	5.8 %	5.5 %	6.6 %
Los Angeles	Los Angeles-Long Beach, CA PMSA	9,053,000	$ 21,434	4.1 %	45,889	7.0 %	9.1 %	9.7 %
Rome Lab	Utica-Rome, NY MSA	318,000	$ 16,870	5.1 %	1,022	6.3 %	7.0 %	6.4 %
Wright-Patterson	Dayton-Spingfield, OH MSA	959,000	$ 19,413	5.2 %	3,948	6.1 %	5.9 %	5.5 %

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ECONOMIC ARE. .MPACT TABLE I:
BASIC FACTS AND POTENTIAL CLOSURE IMPACTS

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Cannon	Curry & Roosevelt Counties, NM	23,722	(5,715)	(1,764)	(7,479)	-31.5%		
Davis-Monthan	Tucson, AZ MSA	317,926	(6,795)	(2,951)	(9,746)	-3.1%		
Holloman	Otero County, NM	18,142	(6,465)	(2,160)	(8,625)	-47.5%		
Hurlburt	Fort Walton Beach, FL MSA	64,977	(7,203)	(2,178)	(9,381)	-14.4%		
Langley	Norfolk - Virginia Beach - Newport News, VA-NC MSA	654,954	(11,083)	(5,871)	(16,954)	-2.6%	(16,372)	- 2.5%
Luke	Phoenix - Mesa, AZ MSA	1,105,579	(7,201)	(3,801)	(11,002)	-1.0%		
Moody	Lowndes County, GA	34,093	(4,165)	(1,312)	(5,477)	-16.1%		
Mountain Home	Elmore County, ID	7,558	(3,994)	(1,275)	(5,269)	-69.7%		
Seymour Johnson	Goldsboro, NC MSA	42,541	(5,672)	(1,780)	(7,452)	-17.5%		
Shaw	Sumter, SC MSA	40,336	(5,993)	(1,859)	(7,852)	-19.5%		
Tyndall	Panama City, FL MSA	57,626	(5,679)	(1,824)	(7,503)	-13.0%		

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Column IX is the cumulative percentage of the 1993 employment base lost in the economic area because of total military department and DLA job losses and it is determined by dividing column III into column VIII.

ECOI. .MIC AREA IMPACT TABLE II: .STORICAL INFORMATION

I AIR FORCE BASE	II ECONOMIC AREA	III 1992 CENSUS OF POP	IV 1991 PER CAP INCOME	V 84-91 AVG ANN % INC PER CAP INCOME	VI 84-93 AVG JOB GWTH PER YEAR	VII AVG 10 YR 84-93 UNEMP RATE	VIII AVG 3 YR 91-93 UNEMP RATE	IX 93 UNEMP RATE
Cannon	Curry & Roosevelt Counties, NM	62,000	$ 14,500	5.0 %	201	6.4 %	6.1 %	6.7 %
Davis-Monthan	Tucson, AZ MSA	690,000	$ 16,651	4.3 %	5,133	4.8 %	4.5 %	4.3 %
Holloman	Otero County, NM	51,000	$ 13,662	4.4 %	280	7.2 %	8.2 %	8.3 %
Hurlburt	Fort Walton Beach, FL MSA	153,000	$ 17,656	5.7 %	1,661	6.2 %	6.5 %	6.2 %
Langley	Norfolk - Virginia Beach - Newport News, VA-NC MSA	1,493,303	$ 18,080	4.7 %	11,677	5.2 %	6.1 %	5.4 %
Luke	Phoenix - Mesa, AZ MSA	2,329,000	$ 19,020	4.4 %	24,778	5.1 %	5.5 %	5.1 %
Moody	Lowndes County, GA	78,000	$ 15,510	6.3 %	526	5.7 %	5.3 %	5.7 %
Mountain Home	Elmore County, ID	20,000	$ 17,390	8.1 %	57	6.0 %	6.6 %	6.6 %
Seymour Johnson	Goldsboro, NC MSA	107,000	$ 14,325	5.2 %	514	5.7 %	6.6 %	5.3 %
Shaw	Sumter, SC MSA	105,000	$ 13,171	5.5 %	1,153	7.6 %	8.8 %	9.0 %
Tyndall	Panama City, FL MSA	134,000	$ 16,445	5.1 %	1,212	9.0 %	8.6 %	9.1 %

Column I: is the Air Force base.

Column II: is the name of the county or multi-county economic area against which all numbers and measures in this table relate.

Column III: is the 1992 Department of Commerce, Bureau of the Census Population Estimates for the economic area. Data was gathered by the Logistics Management Institute (LMI), the OSD contractor, from the Department of Commerce, Bureau of Economic Analysis data files.

Column IV: is the 1991 per capita income figure as gathered by LMI from Bureau of Economic Analysis data files.

Column V: is the average annual percentage per capita income growth for the period, 1984-91, as determined by LMI using Bureau of Economic Analysis data files.

Column VI: is the average annual employment base growth for the period, 1984-93. It was developed by LMI from information in the Department of Labor, Bureau of Labor Statistics data files.

Column VII: is the 10-year, 1984-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor Statistics data files. Average annual US unemployment rate for this period was 6.5% (seasonally adjusted)

Column VIII: is the 3-year, 1991-93, average annual unemployment rate as determined by AF/CEVP from year by year information gathered by LMI from Bureau of Labor [illegible] data files. Average ann[illegible] unemployment rate for this period was 7.8% (seasonally adjusted)

Column IX: [illegible] 1993 unemployment rate as gathered by LMI from Bureau of Labor Stati[illegible] data files. 1993 US unemployment rate was 6.8% (seasonally adjusted)

The attached record represents the grades for each of the eight criteria as reviewed by the BCEG before voting on tiers for each category. Attachment of these grades was requested by Air Force Audit Agency, and approved by the BCEG during the BCEG meeting of December 7, 1994.

J. BRYAN ECHOLS, Lt Col, USAF
BCEG Recorder

Attachment

Base Name	I	II	III	IV	V	VI	VII	VIII
Eglin AFB	Green	Green	Green -	1,805/ 427	21	23,341 (35.9%)	Green -	Yellow

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

31 OCT 1994

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 20 October 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 McCarthy, AF/XOO
Brig Gen Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Lt Col Straw, AFSPC/XPPB

The meeting was called to order by Mr. Boatright. Maj Gen Blume introduced Lt Col Straw, AFSPC/XPPB, who presented some initial concepts toward developing a method and data for evaluation of Space subcategory bases. Using the slides at Atch 1, Lt Col Straw presented an approach for evaluating Operational Effectiveness of Space bases under Criterion I. He presented five overall areas in which the bases would be evaluated; Mission Capacity, Mission Support, Sustaining Infrastructure, Risk, and Cost Factors. He then presented a number of questions which would provide the data for evaluation of each area. Although he presented proposed weights for each question, the BCEG agreed that such weights were inappropriate for consideration without developing the measures of merit for each area.

As the proposed matters were discussed, the BCEG recognized that the attempt to compare the Space Nodes at Onizuka and Falcon AFBs with the Space Support provided by Peterson AFB was quite complex. Accordingly, the BCEG tasked the BCWG to develop options for properly analyzing these three bases, recognizing the types of factors for the nodes that Lt Col Straw was presenting. On reviewing the Sustaining Infrastructure category, the BCEG determined that these were really encroachment issues, and requested this area be renamed. The BCEG also objected to the first question, since it is vague and speculative. The BCEG also directed the BCWG to reexamine the restrictive easements deemed necessary by AFSPC to determine what kinds of restrictions were valid operational concerns.

On the Risk area, there was concern that the probability of natural disasters measurement was too vague. Nonetheless, the BCEG recognized that the possibility of seismic occurrences disrupting operations was a valid concern that should be evaluated. One means of measuring this is to evaluate the number of lost operations as a result of external factors. The BCWG was tasked to review this area. The BCEG directed that the Cost Factors area be deleted since, unlike some other categories of bases, this wasn't a large factor in comparing facilities. The BCEG also directed that the question relating to square footage be deleted from the Mission Capacity area, since this is accounted for in the COBRA analysis.

The BCEG accepted the COBRA assumptions as briefed, but directed that tenants not be consulted on their level playing field moves. Instead, the BCWG was to develop reasonable moves for those units. The proposed weighting was postponed until the measures of merit were more refined.

Mr. Schoenecker briefed the Criteria VI data for Labs and Product Centers, using the computer database display. He verified the Hanscom figures, including the exclusion of data for Lincoln Lab. The BCEG accepted the displayed figures.

The BCEG then reviewed the eight DoD criteria for the Lab and Product Center subcategory. A separate Criterion I grade was presented for the Operational Effectiveness and Laboratory Effectiveness portions. The BCEG was reminded that bases with no runways received a Red grade for the relevant subelements in Criteria I and III. The BCEG then discussed the criteria. Mr. Boatright suggested that Laboratory Operational Effectiveness was highly important to the overall rating as laboratories and product center activities are the primary missions of these bases; however, some additional consideration should be given to bases with the added flexibility of a runway. The cost and savings factors (Criteria IV and V) were also important because of the very high cost to close or long payback period for some of these installations. Criterion II is the next most important because it reflects the results of the comparative analysis of facilities, including encroachment and airspace at those bases with airfields. Criterion III was not deemed important in this subcategory as most of these bases would not likely be used to directly support contingency or mobilization requirements. The remaining criteria were valuable primarily to resolve close comparisons. After discussion, the BCEG voted, giving each base a score from 1 to 3, with 3 as the highest grade. After reviewing the vote totals, the BCEG voted to approve the tiers as shown below, with Tier 1 as the highest rating for retention:

	Base
Top Tier	Hanscom
	Rome
	Wright-Patterson
Middle Tier	Kirtland
	Los Angeles
Bottom Tier	Brooks

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:
- Sustaining Infrastructure Questions
- Risk - Earthquake risk
- Analysis of Space Ops Criterion I
- Cannon COBRA with new assumptions
- Luke MOA scores
- Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
Space Ops Analysis

AIR FORCE SPACE COMMAND

COMPARISON PROCESS FOR "SPACE BASES"

LT COL JERALD L. STRAW
HQ AFSPC/XPPB

1

OVERVIEW

- 1995 AFB QUESTIONNAIRE
- AFSPC PROPOSED CATEGORIES
- PROPOSED QUESTIONS & RATIONALE
- COBRA ASUMPTIONS

2

1995 AFB QUESTIONNAIRE

- SECTION I (DOES NOT ADEQUATELY CAPTURE SPACE OPS)
  - FORCE STRUCTURE - CAPTURED
  - OPERATIONAL EFFECTIVENESS (INAPPROPRIATE)
    - AIR TRAFFIC CONTROL (ATC)
    - GEOGRAPHIC LOCATION
    - TRAINING AREAS
    - RANGES
    - AIRSPACE USED BY BASE
    - POTENTIAL FOR GROWTH IN TRAINING AIRSPACE
    - COMPOSITE/INTEGRATED FORCE TRAINING

3

OPERATIONAL EFFECTIVENESS SPACE CATEGORIES

- MISSION CAPACITY
- MISSION SUPPORT
  SUSTAINING INFRASTRUCTURE
- RISK
- COST FACTORS

4

MISSION CAPACITY

- WHAT ARE TOTAL NUMBER OF SATELLITE OPERATIONS HOURS PER YEAR (Aug 93 - 94)? 20%
  - PRE-PASS, PASS, POST -PASS & PLAYBACKS; MISSION SUPPORT
- WHAT ARE NUMBER OF CORE SATELLITE OPERATIONS HOURS PER YEAR? 20%
  - CORE MISSION: OPERATIONS IN DIRECT SUPPORT OF CINC's, NATO, OR ALLIED NATIONS WAR FIGHTING CAPABILITIES (EXCLUDES TRAINING, RDT&E, AND NASA/CIVIL SUPPORT)
- WHAT UNIQUE (NOT ACCOMPLISHED AT ANOTHER NODE) OPERATIONS CAPABILITIES EXIST? 10%

5

MISSION CAPACITY (CONT.)

- WHAT ARE TOTAL NUMBER AND COST OF COMMUNICATIONS CIRCUITS SUPPORTING SATELLITE OPERATIONS? 10%
- HOW MANY UNIQUE COMMUNICATIONS CIRCUITS EXIST? 10%
- WHAT BASE COMMUNICATIONS SERVICES ARE CONTRACTED AND AT WHAT COST?
- WHAT LEASED COMMUNICATIONS HAVE BASIC TERMINATION LIABILITIES? 10%
  - WHAT ARE THOSE LIABILITIES?
  - WHAT IS THE PERIOD OF LIABILITY?
- HOW MANY SQUARE FEET ARE AVAILABLE FOR MISSION OPERATIONS IN EXISTING FACILITIES? 10%

6

MISSION SUPPORT

- WHAT ARE THE NUMBER OF MAINTENANCE HOURS PER CENTRAL PROCESSING UNIT (MAIN-FRAME) PER YEAR? 50%
- WHAT ARE THE NUMBER OF AFSCN COMMUNICATIONS MAINTENANCE HOURS PER 1,000 HOURS OF SATELLITE OPERATIONS? 25%
- WHAT IS THE MEAN TIME TO REPAIR AFSCN COMMUNICATIONS SYSTEMS? 25%

7

SUSTAINING INFRASTRUCTURE

- HOW MUCH LAND IS AVAILABLE/SUITABLE FOR MISSION SATELLITE OPERATIONS GROWTH AND FUTURE DEVELOPMENT? 60%
- LIST ANY RESTRICTIVE EASEMENTS ON SURROUNDING PROPERTY WHICH LIMIT NON-MILITARY DEVELOPMENT TO PREVENT NEGATIVE MISSION IMPACTS. 40%

8

RISK

- LIST ANY CURRENT SECURITY DEVIATIONS FOR ALL PRIORITY RESOURCES. 40%
- WHAT IS PROBABILITY OF NATURAL DISASTER (EARTHQUAKE OR TORNADO) IMPACTING OPERATIONS? 30%
- IN THE EVENT OF NATURAL DISASTER, HOW LONG COULD THE BASE SUSTAIN CORE OPERATIONS INDEPENDENT OF EXTERNAL SUPPLY? 30%

9

COST FACTORS

- WHAT ARE WG/GS-10 PAY? 100%

10

COBRA ASSUMPTIONS

- 50 SPACE WING (50 SW) UNITS WOULD REALIGN TO 50 SW BASE
- TENANT ORGANIZATIONS WOULD REALIGN AS DIRECTED BY PARENT ORGANIZATION

11

COBRA ASSUMPTIONS WEST TO EAST

- UNITS INACTIVATE
  - 750 SPACE GROUP
  - 5 SPACE OPERATIONS SQUADRON
- UNITS REALIGNED
  - 50 SW FUNCTIONS CONSOLIDATE WITH EXISTING FALCON GROUPS
  - MISSION COMMUNICATIONS MOVES TO BUCKLEY ANGB
  - AFMC DET 6 CONSOLIDATES WITH COLORADO SPRINGS AREA AFMC GROUP
  - OTHER SATELLITE OPS TENANTS RELOCATE IAW PARENT DIRECTION
    - OPERATION DIVISION 4 (OD4) ??
    - SMC/CU (PROGRAMMED) KIRTLAND

12

COBRA ASSUMPTIONS EAST TO WEST

- UNITS INACTIVATE
  - 750 SPACE GROUP
- UNITS REALIGNED
  - 50 SW FUNCTIONS CONSOLIDATE WITH EXISTING ONIZUKA GROUPS
  - AFMC DET 5 CONSOLIDATES WITH ONIZUKA DET 6
  - MISSION COMM — BUCKLEY
  - COLORADO TRACKING STATION — BUCKLEY/PETERSON
  - GPS MASTER CONTROL STATION — ONIZUKA
  - MILSTAR CONTROL STATION — ONIZUKA
  - TENANTS
    - 73 SURVEILLANCE GROUP — PETERSON
    - CHEYENNE MOUNTAIN TRAINING CENTER — COLORADO SPRINGS
    - SPACE WARFARE CENTER — 14 AF
    - 534TH TRS (TRAINING SQUADRON) — VANDENBERG
    - DSCS OPERATIONS CENTER — PETERSON
    - NATIONAL TEST FACILITY — OFFUTT
    - 11 SPACE WARNING SQUADRON (ALERT) — BUCKLEY

13

SPACE CATEGORY WEIGHTS

- MISSION CAPACITY (45%)
- MISSION SUPPORT (30%)
- SUSTAINING INFRASTRUCTURE (10%)
- RISK (10%)
- COST FACTORS (5%)

14

SUMMARY/RECOMMENDATION

- PROPOSED CATEGORIES PROVIDE FOR ASSESSMENT OF SPACE OPERATIONS IN CRITERIA ONE
- APPROVE CATEGORIES AND QUESTIONS FOR USE IN BRAC PROCESS

15

The attached record represents the grades for each of the eight criteria as reviewed by the BCEG before voting on tiers for each category. Attachment of these grades was requested by Air Force Audit Agency, and approved by the BCEG during the BCEG meeting of December 7, 1994.

J. BRYAN ECHOLS, Lt Col, USAF
BCEG Recorder

Attachment

Base Name	IA	IB	II	III	IV	V	VI	VII	VIII
Brooks AFB	Yellow	Red	Green -	Red +	246/-78	10	7,723 (1.2%)	Green -	Red +
Hanscom AFB	Green -	Red	Yellow +	Red +	421/-158	9	18,769 (1.0%)*	Green -	Yellow +
Kirtland AFB	Green -	Yellow +	Yellow +	Yellow	448/-469	6	20,364 (8.0%)	Green -	Green -
Los Angeles AFB	Yellow +	Red	Yellow	Red +	450/-142	10	22,935 (0.6%)*	Yellow	Green -
Rome Lab	Yellow +	Red	Green -	Red +	133/ 112	100+	10,931 (8.2%)*	Yellow +	Yellow +
Wright Patterson AFB	Green -	Yellow +	Yellow +	Green -	1,567/ 834	49	52,399 (11.9%)	Green -	Yellow -

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

NOV 2 8 1994

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 25 October 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
Col Kraus, SAF/AQX
Lt Col O'Neill, AF/RTT
Maj Johnson, AF/XOFM

The meeting was called to order by Mr. Boatright. Mr. Boatright and Maj Gen Blume addressed the problems with the Joint Cross Service Group process, and agreed that the BCEG should focus on the Air Force-only areas in the immediate future. Mr. Boatright related that he tasked the Air Force JCSG representatives to develop a method for measuring excess capacity for their categories within the Air Force alone. Although the Air Force had intended to use the JCSG capacity analysis, we will use an Air Force-only product in the event no useable product comes from the JCSGs.

Lt Col O'Neill, AF/RTT, presented level playing field COBRA analysis for Cannon AFB, using the slides at Atch 1. The slides reflect the original and revised COBRA figures for Cannon resulting from the changes in the assumed force structure moves as previously directed by the

BCEG. The assumptions are consistent with the other moves within the subcategory. The BCEG approved the new figures.

The BCEG then reviewed the overall Criteria IV and V data for Small Aircraft. Davis-Monthan reflected the cost of keeping AMARC open, and a required double move associated with the force structure. The BCEG noted that Hurlburt's move to Eglin was not necessarily a practical solution, but it is the best solution available and is required for level playing field analysis. The BCEG then reviewed the results of analysis of Small Aircraft bases under the remaining criteria, using the computer database display. The BCEG reviewed the force structure at each base. Mr. Boatright then offered his view that Criterion I should be given the most emphasis since it compares the operational capability of these bases. Next most important is the cost and savings relationship (Criteria ~~IV~~ and V), followed by Criterion II, which compares facilities, airspace, encroachment, and air quality. While Criterion III is of significant importance for this subcategory, it has less importance than for the Large Aircraft subcategory. A general discussion of bases grades and other factors followed. The stringency of the airspace subelements grading filters was noted.

After discussion, the BCEG voted, giving each base a score from 1 to 3, with 3 as the highest grade. The BCEG reviewed the vote totals, then voted on a proposed tiering of the bases within the Small Aircraft subcategory. The following vote totals and tiers were approved by the BCEG:

	Base
Top Tier	Davis-Monthan
	Langley
Middle Tier	Hurlburt
	Luke
	Mountain Home
	Seymour-Johnson
	Shaw
	Tyndall
Bottom Tier	Cannon
	Holloman
	Moody

Maj Johnson, AF/XOFM, briefed Criterion I grades for the Large Aircraft subcategory, using the computer database display. During the discussion of the tanker aircraft Associated Airspace, concern was raised by the BCEG that this subelement did not capture a valid measure of the merit of those bases. It was noted that tankers do not rely upon dedicated airspace in the same manner as other missions. As a result, this measurement may not be providing a valuable measurement. The BCEG directed the BCWG to examine this element and the manner in which it was graded to determine whether a better evaluation existed. In addition, the BCEG directed a review of the data for Fairchild AFB on the Existing and Future MOA Associated Airspace grades.

During the review of the data, the BCEG requested that Scott AFB be examined to determine whether the joint use availability of the new runway was properly considered. The BCEG noted, however, that the grade would remain the same since there was a deficiency in both apron and taxiway, and, thus, a change in grading of the runway would not change the overall grade. The BCEG also noted that Whiteman reflected a poor runway, taxiway, and apron score only because the measure was for the B-52, which has a more demanding pavement requirement than the B-2.

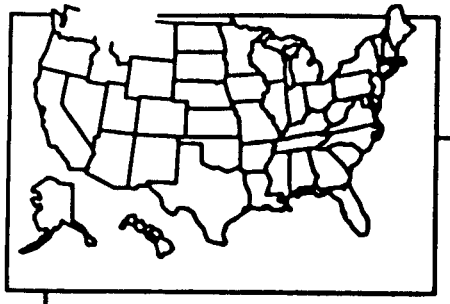
There being no further matters to discuss, the meeting was adjourned at 1305. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:
Airspace Encroachment for Tankers
Fairchild Airspace Grade
Scott AFB Joint Use Runway Inclusion
Analysis of Space Ops Criterion I
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
Cannon COBRA

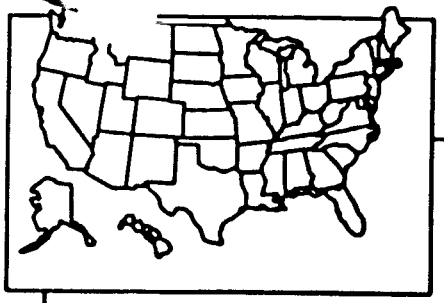


SMALL AIRCRAFT

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
CANNON	71	(516)	41	1	978
REVISED CANNON	73	(502)	40	2	961

ATCH 1



SMALL AIRCRAFT

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
CANNON	73	(502)	40	2	961
DAVIS-MONTHAN	360	(16)	25	17	761
HOLLOMAN	257	(633)	65	4	1,392
HURLBURT	129	(400)	38	4	865
LANGLEY	294	(517)	57	5	1,161
LUKE	180	(343)	37	5	1,048
MOODY	98	(438)	37	2	839
MOUNTAIN HOME	245	(414)	45	5	1,005
SEYMOUR-JOHNSON	179	(462)	45	4	964
SHAW	196	(513)	49	4	1,055
TYNDALL	179	(373)	38	5	952

The attached record represents the grades for each of the eight criteria as reviewed by the BCEG before voting on tiers for each category. Attachment of these grades was requested by Air Force Audit Agency, and approved by the BCEG during the BCEG meeting of December 7, 1994.

J. BRYAN ECHOLS, Lt Col, USAF
BCEG Recorder

Attachment

Snapshot - Small Aircraft (25 Oct)

Base Name	I	II	III	IV	V	VI	VII	VIII
Cannon AFB	Yellow	Green -	Yellow +	73/-502	2	7,479 (31.5%)	Yellow -	Yellow +
Davis-Monthan AFB	Green -	Green -	Green -	360/-16	17	9,746 (3.1%)	Yellow +	Yellow +
Holloman AFB	Yellow +	Green -	Green -	257/-633	4	8,625 (47.5%)	Yellow	Yellow -
Hurlburt Fld	Green -	Green -	Yellow +	129/-400	4	9,381 (14.4%)	Green -	Yellow
Langley AFB	Green -	Green -	Yellow +	294/-517	5	16,372 (2.5%)*	Green -	Yellow
Luke AFB	Green -	Yellow	Yellow	180/-343	5	11,002 (1.0%)	Yellow +	Yellow +
Moody AFB	Green -	Green -	Yellow +	98/-438	2	5,477 (16.1%)	Yellow +	Yellow +
Mt Home AFB	Yellow +	Green -	Green -	245/-414	5	5,269 (69.7%)	Yellow	Yellow
Seymour Johnson AFB	Green -	Green -	Green -	179/-462	4	7,452 (17.5%)	Yellow	Yellow +
Shaw AFB	Green -	Green -	Yellow +	196/-513	4	7,852 (19.5%)	Yellow +	Yellow +
Tyndall AFB	Green -	Green -	Yellow +	179/-373	5	7,503 (13.0%)	Yellow	Yellow +

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

4 NOV 1994

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 26 October 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
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 Kraus, SAF/AQX
Mr. Myers, AF/CEP
Mr. Kelly, AF/DPP
Mr. Schoenecker, AF/CEVP

The meeting was called to order by Maj Gen Blume. Lt Col Plummer presented some administrative matters raised by the BCEG in previous meetings, using the slide at Atch 1. He reported that the Fairchild airspace grades and data had been double-checked, and were accurate. He then discussed the question of measuring Associated Airspace for tanker bases. Because of their mission, tankers do not have training airspace set aside for them, and these questions are directed at measuring the quality of such airspace. As a result, these questions do not provide a meaningful measurement for tanker bases, and the BCWG recommends a N/A grade for this subelement in the tanker bases.

The BCEG had also questioned the manner in which direct input grades were reviewed. Lt Col Plummer reviewed the functional offices within the Air Staff who assigned the grades,

and the means of reviewing the assigned grades. After discussion, the BCEG approved the N/A for tanker as recommended, and the review process for direct input grades, as briefed.

Mr. Schoenecker, AF/CEVP, briefed the Criterion VI data for the Large Aircraft and Space subcategory bases, using the computer database display. The BCEG discussed the data and accepted the grades.

The BCEG then reviewed the Criterion I Associated Airspace grades for Large Aircraft bases, reflecting the changes previously approved for tanker bases. Some members of the BCEG questioned whether the distinction based on current force structure, such as tanker versus bomber, made sense in this category. They recommended requesting SECAF to consider separating Airlift bases and Bomber/Tanker bases into two subcategories. They argued that separation would allow a better competition between similar bases and bases which had conducted both tanker and bomber missions in the recent past. While other members saw merit in the idea of combining bomber and tanker measures of merit, they were not supportive of splitting airlift into a separate subcategory. After discussion, the BCEG directed the BCWG to consider the pro's and con's of such an approach and a change at this point in the process, and to present options at a subsequent meeting.

Lt Col Black, AF/RTR, presented a proposal for evaluating Space bases, using the slides at Atch 2. He first recommended a restructuring of the Space categories to more properly align the subcategories with mission and base similarities, as well as Air Force Space Command alignment. After discussion, the BCEG approved the recommendation of new subcategories separating Space Support bases and Satellite Control bases, subject to SECAF approval. He then readdressed capacity analysis for the new subcategories. Since the Space Support category has no excess capacity, the BCEG approved exclusion of further analysis of these bases, two of which had been previously excluded due to mission and geographical factors, subject to SECAF approval. The Satellite Control subcategory will be analyzed since there is an excess capacity of one node.

Lt Col Black briefed a proposed approach to analyze the Satellite Control subcategory. He recommended four subelement areas which would compose the entire Criterion I analysis for these two bases. He also recommended a N/A grade for the Airspace Encroachment subelements in Criterion II. The BCEG questioned the use of a Red/Green grading scheme, and asked for methods which would support a Yellow rating based on how close the bases were to each other or using other specific measure/requirements The BCEG also suggested that the Encroachment area should be placed in Criterion II, as a replacement for the Airspace Encroachment subelement. The BCEG directed this proposed analysis be further reviewed, but approved a data call based on the questions in the briefing

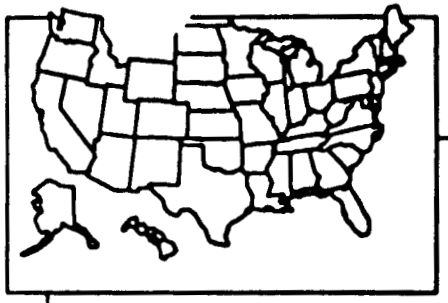
There being no further matters to discuss, the meeting was adjourned at 1245. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS: Analysis of Satellite Control bases
Bomber/Tanker Comparison
Scott AFB Joint Use Runway Inclusion
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Admin Matters
2. Space Base Analysis



Base Closure Executive Group

Administrative

- **LARGE - CRITERION I**
  - **Checked Fairchild for understanding of question**
    - **Understood volume = mission increase capability**
  - **Airspace for Tankers**
    - **Ops Effectiveness Airspace measures availability**
    - **Associated Airspace measures quality**
    - **N/A Associated Airspace (Tankers)**
      - **Adequately covered in Ops Effectiveness**
      - **Prevents restructuring weights after grading**
- **Airstaff functional review offices**
  - **XOFM - tanker/airlift experts**
  - **XOFC - bomber experts**
  - **~~Division chief will certify review~~**

BCEG ANALYSIS FOR "SPACE BASES"

BCEG CLOSE HOLD

PURPOSE

TO SEEK BCEG APPROVAL FOR SPACE PROCESS

- CATEGORIZATION
- METHODOLOGY
- CRITERIA AND WEIGHTS
- DATA CALL IN SUPPORT OF SPACE ANALYSIS

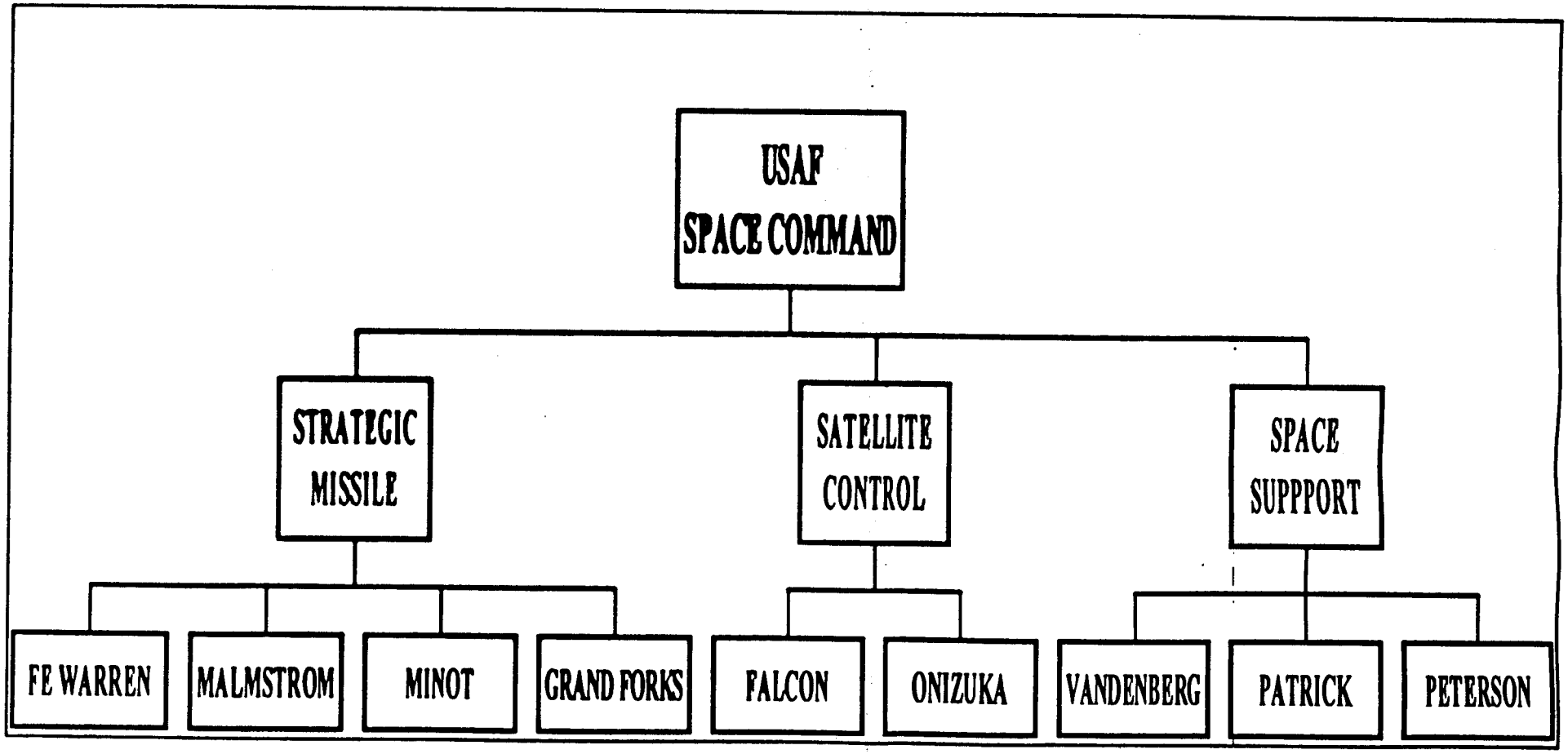
SECAF APPROVED CATEGORIES FOR SPACE BASES

OPERATIONS MISSILES

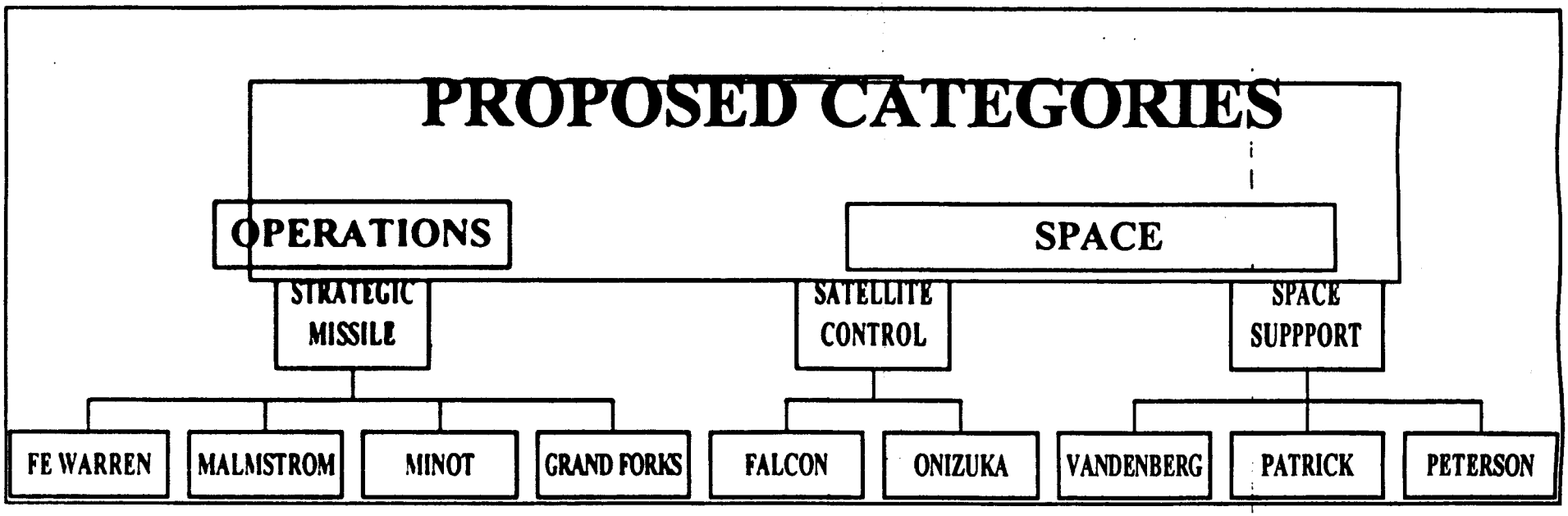
- FE WARREN
- MALMSTROM
- MINOT
- GRAND FORKS

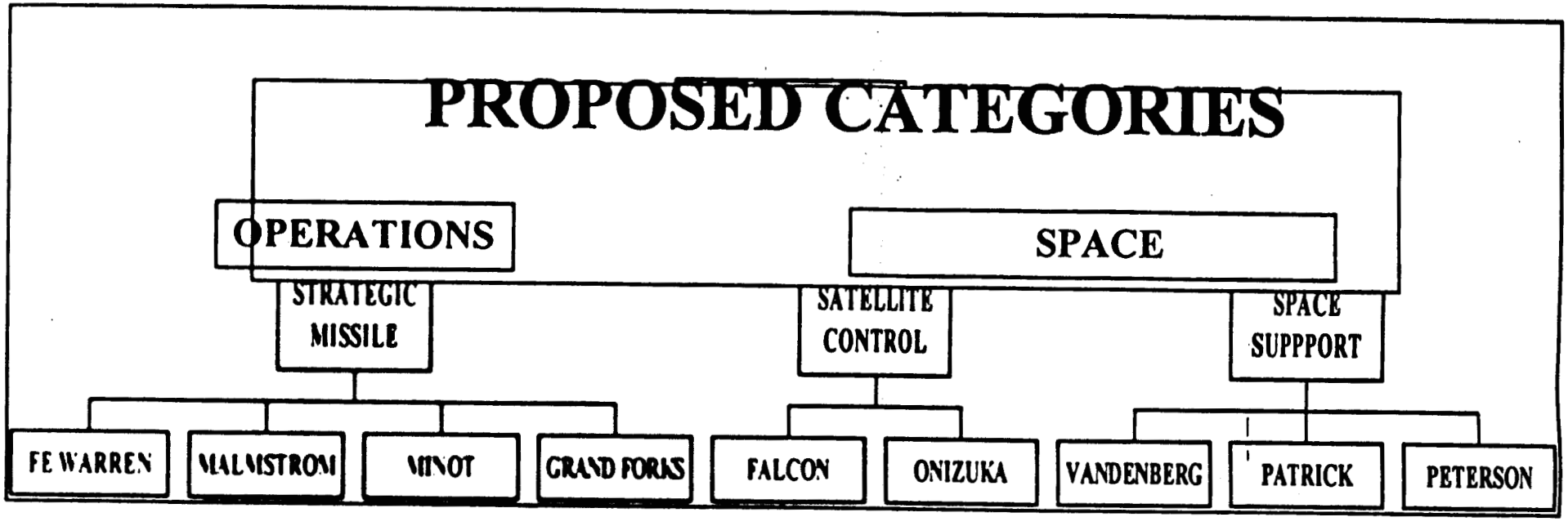
SPACE OPS

- FALCON
- ONIZUKA
- PATRICK
- PETERSON
- VANDENBERG


USAF
SPACE COMMAND
STRATEGIC
MISSILE
SATELLITE
CONTROL
SPACE
SUPPPORT
FE WARREN
MALMSTROM
MINOT
GRAND FORKS
FALCON
ONIZUKA
VANDENBERG
PATRICK
PETERSON

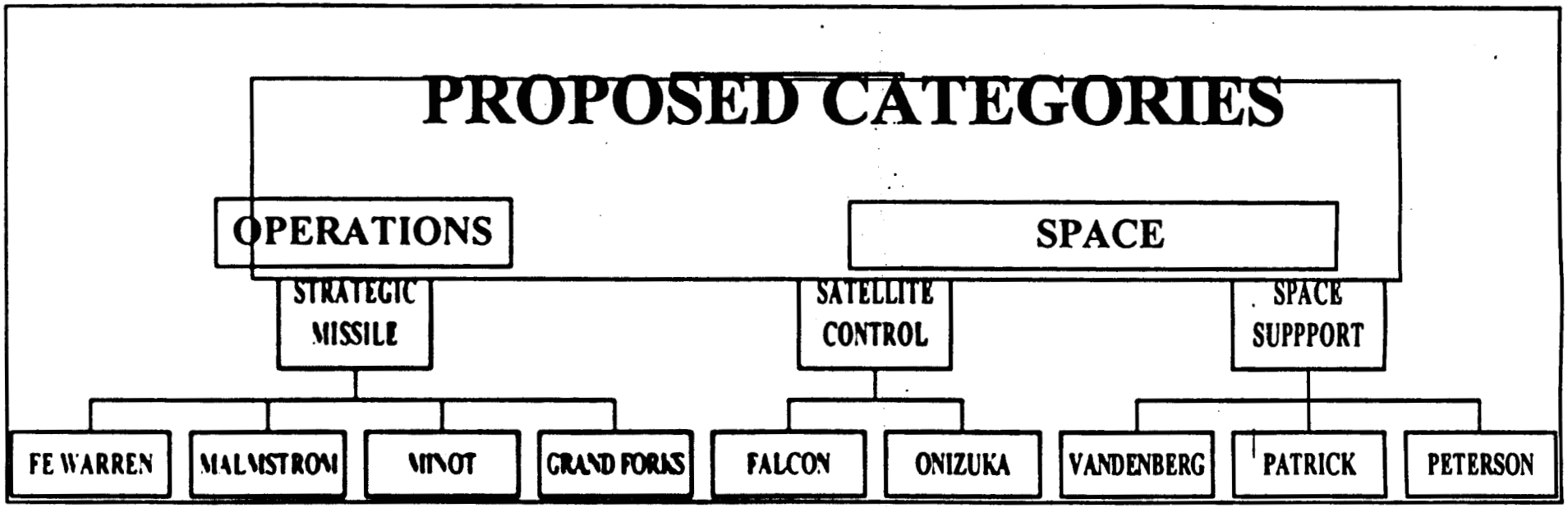
PROPOSED CATEGORIES





REPORTED EXCESS CAPACITY

MISSILE	SATELLITE NODES	SPACE SUPPORT
1	1	0



RECOMMENDATIONS

- EVALUATE MISSILE BASES PER STATUS-QUO
- SPLIT SPACE INTO TWO CATEGORIES
  - SATELLITE CONTROL
  - SPACE SUPPORT
- COMPETE SATELLITE NODES HEAD TO HEAD
- EXCLUDE SPACE SUPPORT AS A CATEGORY BECAUSE OF NO EXCESS CAPACITY

METHODOLOGY

ANALYSIS FOR SATELLITE CONTROL NODES

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

- MISSION CAPACITY
- MISSION SUPPORT
- ENCROACHMENT
- RISK

- DISCOUNT ENCROACHMENT CRITERON II

MISSION CAPACITY- 45%

- CAPACITY (30%)
  - GREATEST CAPACITY - GREEN
  - LOWEST CAPACITY - RED
- CAPABLE OF CORE (30%)
  - 100% OR GREATER - GREEN
  - LESS THAN 100% - RED
- UNIQUE OPERATIONS (10%)
  - YES - GREEN
  - NO - RED
- COMM CIRCUIT SUPPORT FOR SATELLITE OPS (30%)
  - NUMBER OF CIRCUITS
    - GREATEST NUMBER - GREEN
    - LOWEST NUMBER - RED
  - COST PER CIRCUIT
    - GREATEST NUMBER - RED
    - LOWEST NUMBER - GREEN

MISSION SUPPORT- 35%

- RELIABILITY OF CPU MAINFRAME PER 1000 HOURS OF SATELITTE OPS (50%)
  - GREATEST MAINTENANCE HRS PER YEAR - RED
  - LOWEST MAINTENANCE HRS PER YEAR - GREEN
- RELIABILITY OF AFSCN COMM SYSTEMS (50%)
  - MAINTENANCE HOURS PER 1000 HOURS OF SATELITTE OPS (50%)
    - GREATEST NUMBER - RED
    - LOWEST NUMBER - GREEN
  - MEAN TIME TO REPAIR (50%)
    - GREATEST NUMBER - RED
    - LOWEST NUMBER - GREEN

ENCROACHMENT- 10%

- 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^2 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

RISK-10%

- WAIVERS TO EXISTING SECURITY REQUIREMENTS
  - YES- RED
  - NO- GREEN
- OPERATIONS LOST DUE TO EXTERNAL FACTORS
  - GREATEST NUMBER - RED
  - LOWEST NUMBER - GREEN
- ABILITY TO SUSTAIN CORE OPERATIONS > 14 DAYS
  - YES- GREEN
  - NO- RED

* ALL WEIGHTS EQUAL

DATA CALL
SATELLITE CONTROL

- MISSION CAPACITY
- MISSION SUPPORT
- ENCROACHMENT
- RISK

MISSION CAPACITY

- NUMBER OF SATELLITE OPERATIONS PER YEAR, PRE-PASS, PASS, POST -PASS & PLAYBACKS; MISSION SUPPORT (Aug 93 - 94)
  - TOTAL HOURS LOGGED
  - TOTAL CAPACITY (HOURS)
- NUMBER OF CORE SATELLITE OPERATIONS PER YEAR
  - TOTAL CORE HOURS LOGGED*
- UNIQUE OPERATIONS CAPABILITIES
  - OPERATIONS NOT ACCOMPLISHED BY ANOTHER NODE (LIST)

* CORE MISSION: OPERATIONS IN DIRECT SUPPORT OF CINC's, NATO, OR ALLIED NATIONS WAR FIGHTING CAPABILITIES (EXCLUDES TRAINING, RDT&E, AND NASA/CIVIL SUPPORT)

•MISSION CAPACITY (CONT.)

- COMM CIRCUITS SUPPORTING SATELLITE OPS
  - NUMBER OF CIRCUITS
    - COST PER CIRCUIT
  - NUMBER OF UNIQUE CIRCUITS
    - COST PER CIRCUIT

•MISSION SUPPORT

- WHAT ARE THE NUMBER OF MAINTENANCE HOURS PER CENTRAL PROCESSING UNIT (MAIN-FRAME) PER 1000 HOURS?
- WHAT ARE THE NUMBER OF AFSCN COMM MAINTENANCE HOURS PER 1,000 HOURS OF SATELLITE OPERATIONS?
- WHAT IS THE MEAN TIME TO REPAIR AFSCN COMMUNICATIONS SYSTEMS?

ENCROACHMENT

- WHICH OF THE FOLLOWING BASING REQUIREMENTS DOES THE INSTALLATION MEET?
  - 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?
  - ARE THERE ANY BUILDINGS, STRUCTURES, OVERHEAD POWER LINES, OR OBSTRUCTIONS OVER 45' IN HEIGHT WITHIN ONE MILE OF BASE BOUNDARY?
  - 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^2 INTO NON-GOVERNMENT CONTROLLED AREAS?

RISK

- LIST ANY CURRENT SECURITY DEVIATIONS (WAIVER OF EXISTING REQUIREMENTS) FOR ALL PRIORITY RESOURCES, DESCRIBE.
- HOW MANY OPERATION HOURS WERE LOST DUE TO EXTERNAL FACTORS IN THE PAST TEN YEARS? LIST AND DESCRIBE
- CAN THE BASE SUSTAIN CORE OPERATIONS INDEPENDENT OF EXTERNAL SUPPLY? LIST FACTORSAND LIMITATIONS INVOLVED TO SUSTAIN
  - WATER - 60 DAYS
  - DIESEL FUEL - 30 DAYS
  - FOOD SUPPLY - 15 DAYS
  - ECT .....

OTHER

- WHAT % OF BASE COMM IS LEASED?
  - WHAT ARE YOUR LEASE TEMINATION LIABILITIES
  - WHAT IS THE PERIOD OF LIABILITY?

QUESTIONS APPROVAL GUIDANCE

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

15 NOV 1994

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 1030 hours on 27 October 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
Mr. Kuhn, SAF/GCN
Mr. Blanchard, AF/DPP
Brig Gen Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Col Kraus, SAF/AQX
Col Pease, AF/XOO
Mr. Myers, AF/CEP
Mr. Carillo, AF/CEVP
Mr. Baie, AF/CEV

The meeting was called to order by Mr. Boatright. Lt Col Plummer, AF/RTR, presented some administrative matters raised by the BCEG in previous meetings related to the ability to compare bomber and tanker bases. He recommended that, in order to compare bomber and tanker bases against the same subelements, the weighting be changed under the Operational Effectiveness subelement. Bases with a current tanker or bomber mission, would be assigned equal weights for the bomber and tanker screens, with a remaining 15 percent for the airlift screen. The BCEG approved this change since it was the least disruptive but nonetheless offered a direct comparison of bomber and tanker bases. Although Lt Col Plummer recommended airlift mission bases retain their 70 percent weighting on the airlift screen, with 15 percent on each of the bomber and tanker screens, the BCEG directed that the airlift screen be given 85 percent weighting with 7.5 percent for each of the bomber and tanker screens.

Lt Col Plummer then addressed the Associated Airspace subelement for Large Aircraft. Because of their extended range and the ability to use many different ranges and airspace, this subelement provided no meaningful distinctions among Large Aircraft bases. As a result, this subelement was recommended for deletion from the Large Aircraft analysis. The BCEG approved the recommendation as briefed.

Lt Col Plummer then addressed the large MILCON requirement resulting from BCEG-approved assumptions for moving tankers into Scott AFB under the level playing field COBRA analysis. He recommended Malmstrom AFB be used instead of Scott because of the current excess capacity. He also addressed whether aircraft realignments should follow command lines. The BCEG directed that Malmstrom replace Scott as the receiver for tankers under level playing field COBRA, but continued the current policy of following command lines for aircraft to the maximum practical extent.

Mr. Myers, AF/CEP, briefed the Criterion II grades for Large Aircraft bases, using the computer database display. The BCEG discussed the data, and noted that the Scott AFB joint use runway was still under review. The BCEG requested that the Little Rock and Beale Unique Facilities data be reviewed for accuracy. Mr. Baie briefed the Encroachment data, and Mr. Carillo briefed the Air Quality data.

The BCEG began to review the Space category Criteria II scores, however the new subcategories as approved by the BCEG were not properly reflected. As a result, the BCEG directed this be corrected and briefed later. Mr. Myers did, however, brief and gain approval of an approach to splitting the single housing data for Colorado Springs among the various facilities involved, reflected on the slide at Atch 2.

Maj Richardson, AF/RTR, began to brief the BCEG on AFRES assumptions for level playing field COBRA, using the slides at Atch 3. During the presentation, the BCEG questioned the utility of level playing field COBRA for AFRES bases. After discussion, the BCEG agreed to postpone further consideration of this issue until the manner of analyzing ARC bases is fully considered.

There being no further matters to discuss, the meeting was adjourned at 1215. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:

Unique Facilities at Little Rock and Beale
Criteria II for Satellite Control subcategory
Analysis of ARC bases
Analysis of Satellite Control bases
Scott AFB Joint Use Runway Inclusion
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Admin matters
2. MFH - Colo Spgs
3. AFRES COBRA

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Admin Remarks

- BCEG QUESTIONS ON LARGE AIRCRAFT
- COBRA QUESTIONS

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Current Situation

- Aircraft Screens
  - Fighter, Bomber, Tanker, Airlift
  - These Screens used for tiering of Joint Cross-service categories
- Concern
  - Bomber-Tanker essentially becomes a new aircraft screen
    - Affect an already completed tiering
  - Options
    - Does not eliminate any criterion sub-elements only reweights existing screens
      - Benefit 1 Existing tiering will not have to be reaccomplished
        - 2 No alterations of sub-elements after analysis
    - Combing the sub-elements of Bomber and Tanker screens to create a composite Bomber-Tanker screen
      - Benefit Pure Bomber-Tanker evaluation (e.g., Mobility)

ATCH 1

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Associated Airspace Recommendation

- Concern
  - Associated Airspace in Criterion 1 is Graded for Bomber Bases, but not for Tanker Bases
  - Does Not Allow for Equal Comparison of Bomber and Tanker Bases
-
- Recommendation
  - Eliminate Portion of Criterion I for Large Aircraft Category
  - Computer uses Remaining 7 to 1 Ratio to Rate Operational Effectiveness and Pavements (Approx Weight 87.5% Ops Eff, 12.5% Pavements)
  -
- Rational
  - Airspace Encroachment Is Graded in Criteria II (AICUZ Rates Airfield Area Encroachment
  - Large Aircraft Range negates Significance of Associated Airspace

CLOSE HOLD -- BCEG ONLY 3 10/27/94

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Element/Sub-Element Weighting

LARGE AIRCRAFT BASES -- ALL MISSIONS

A OPERATIONAL EFFECTIVENESS 70
- BOMBER MISSION OPS EFFECTIVENESS 42.5%
- TANKER MISSION OPS EFFECTIVENESS 42.5%
- AIRLIFT MISSION OPS EFFECT 15%

B OPERATIONAL EFFECTIVENESS 70
- TANKER MISSION OPS EFFECT 15 %
- BOMBER MISSION OPS EFFECT 15%
- AIRLIFT MISSION OPS EFFECT 70%

RUNWAY TAXIWAY APRON -- 10
- FIGHTER MISSION 25%
- BOMBER MISSION 25%
- TANKER MISSION 25%
- AIRLIFT MISSION 25%

CLOSE HOLD -- BCEG ONLY 4 10/27/94

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Recommendation

BCEG ACCEPT:

1. DELETE ASSOCIATED AIRSPACE

2. ACCEPT RECOMMENDED WEIGHTS

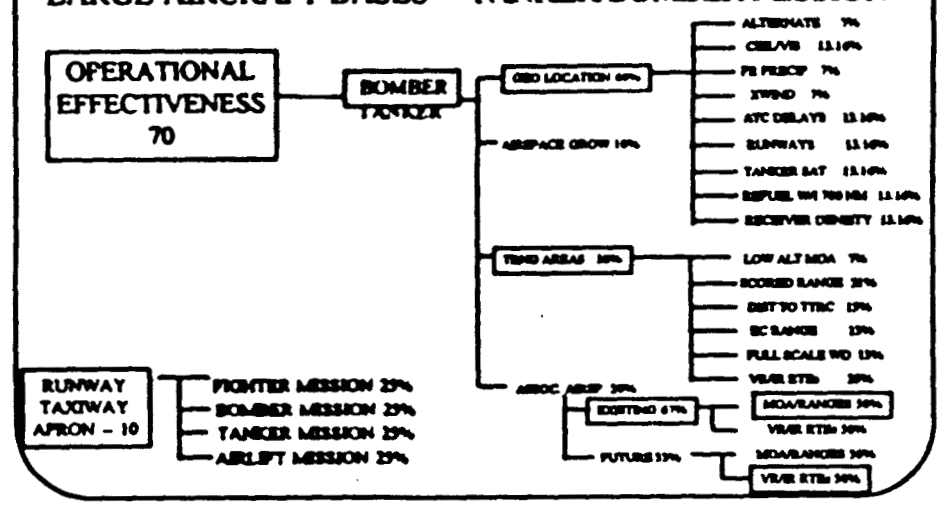
CLOSE HOLD -- BCEG ONLY

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Element/Sub-Element Weighting

LARGE AIRCRAFT BASES -- TANKER/BOMBER MISSION



CLOSE HOLD -- BCEG ONLY

CLOSE HOLD -- BCEG ONLY

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Level Playing Field - Tankers

- **Large Aircraft Assumptions Brief by XOFM**
  - Tankers to Scott AFB to realign Tanker force
  - MILCON for Scott AFB estimated at 100M dollars plus
- **Tanker Re-Look**
  - Malmstrom AFB - excess capacity for 8 KC-135's
  - Malmstrom vs Scott scenario - consistency & cost vs operational realignment
  - Proposal - 12 Tankers to Malmstrom vs Scott for Level Playing Field
-

CLOSE HOLD -- BCEG ONLY

BASE CLOSURE EXECUTIVE GROUP

Additional Realignment Issue

Cost & Tanker Balance

vs

"One Base, One Boss"

Apportion Peterson MFH Deficit Among Peterson & Falcon

	Chey Mt	Peterson	Falcon	Total
Mil Populaltion	1,015	3,156	2,299	6470
% of Tot Pop'n	15.69%	48.78%	35.53%	
% of Deficit (-2812)	-441	-1,372	-999	
PN @ USAFA	21	200	49	
Apportioned Deficit	-420	-1,172	-950	

AIR FORCE AFRES BRAC 95 ANALYSIS

AFRES SUB-CATEGORY LEVEL PLAYING FIELD COBRA ASSUMPTIONS

AIR FORCE RESERVE

AIR FORCE AFRES BRAC 95 ANALYSIS

AFRES COLLOCATED INSTALLATIONS

BASE	AIRFIELD OPERATOR	COLLOCATED UNITS
BERGSTROM	AFR	CIV (?) / NG (?)
CARSWELL	NAVY	AFR / ANG
DOBBINS	AFR	AR / ANG
GEN MITCHELL	CIV	AFR / ANG / AR
GRISSOM	AFR	
HOMESTEAD	AFR	CIV (?)
MARCH	AFR	ANG
MINN-ST PAUL	CIV	NAVY / ANG / AFR
NIAGARA	CIV	AFR / ANG / NG
O'HARE	CIV	AFR / ANG
PITTSBURGH (AFR)	CIV	AFR
WESTOVER	AFR	NG
WILLOW GROVE	NAVY	AFR / ANG / AR
YOUNGSTOWN	CIV	AFR

- Only 14 of the 32 AFRES UE Locations are in this Subcategory

ATCH 3

AIR FORCE AFRES BRAC 95 ANALYSIS

BERGSTROM

- AFRES (15 PAA F-16 and HQ 10 AF)
  - Realign HQ 10 AF to Carswell
  - Cancel the Carswell F-16 to KC-135 Conversion
    - » Program the Bergstrom unit for KC-135 Conversion
    - » Realign the Bergstrom Unit to Seymour-Johnson

AIR FORCE AFRES BRAC 95 ANALYSIS

CARSWELL

- AFRES (9 PAA KC-135)
  - Realign to Seymour Johnson
- Navy Res (70+ Aircraft)
  - Navy Assumes complete control of Carswell
- Texas ANG (8 PAA C-130)
  - Remains in Planned Cantonment on NAS JRB Ft Worth (Carswell Airfield)

AIR FORCE AFRES BRAC 95 ANALYSIS

DOBBINS

- AFRES (8 PAA C-130 and HQ 22 AF)
  - Realign HQ 22 AF to Westover ARB
  - Realign Sq to New Orleans
- NG (Army Aviation Units)
  - Remain in Cantonment
- AF Plant 3
  - AD Provides ATC Service

AIR FORCE AFRES BRAC 95 ANALYSIS

GEN MITCHELL

- AFRES (8 PAA C-130)
  - Realign Sq to New Orleans
- ANG (9 PAA KC-135R)
  - Remain in Current Cantonment Area
  - AFRES and ANG BOS Facilities Are Separate

AIR FORCE AFRES BRAC 95 ANALYSIS

GRISSOM

- AFRES (16 PAA KC-135R)
  - Realign 8 PAA (1 Sq) to Seymour Johnson
  - Realign 8 PAA (1 Sq) to March

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

8 NOV 1994

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 1030 hours on 31 October 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
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. Myers, AF/CEP
Maj Gamache, AF/LGMM
Maj Johnston, AF/XOFM

The meeting was called to order by Mr. Boatright. Mr. Myers, AF/CEP, presented some administrative matters related to unique facilities at Beale and Little Rock. The unique facilities at Beale AFB were validated, but the Little Rock C-130 training facility was not deemed by the BCEG to be unique. The grade for Unique Facilities for Little Rock, however, was held until more information on the other unique facility could be gathered.

The runway information on Scott AFB was reviewed. The civil airport joint-use runway currently under construction will be included, but the overall grade on the Runway, Pavements, and Apron will not change, since the apron is still inadequate to support all missions. Maj Gen Blume also commented that the BCWG is validating data on the level playing field moves from Langley and Scott to Offutt, because of an apparent inconsistency on moves that should be similar in overall cost.

Maj Johnston, AF/XOFM, then briefed the BCEG on Criterion I for Large Aircraft, reflecting the changed subelement weighting directed previously. The BCEG discussed the various grades. During the discussion of Airspace Growth, the BCEG became concerned about the validity of the grading criteria. In order to be given credit for growth potential, current efforts to expand useable airspace, with a probability of success, must be shown. The BCEG felt this didn't give adequate credit to bases with potential airspace but who had no reason at this time to request expansion. The BCEG directed that airspace experts review this issue and present alternative approaches.

Maj Gamache, AF/LGMM, briefed Weapons Storage Area capacity issues, using the slides at Atch 1. The BCEG approved the assumptions as briefed. There being no further matters to discuss, the meeting was adjourned at 1155. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:
- Special Ops facility at Little Rock - Unique?
- Airspace Growth grading
- Criteria II for Satellite Control subcategory
- Analysis of ARC bases
- Analysis of Satellite Control bases
- Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
WSA Issues

WSA Level Playing Field

- Assumptions
  - FY 97/4 Aircraft Numbers
- Caveats
  - START II Ratification
  - Destruction Schedule
  - One-Base-At-A-Time Ground Rules
  - Congressional Basing Decision
- Potential Challenges
  - Multiple Closures of Bases With Nuclear WSAs

ATCH 1

WSA Level Playing Field

Losing Base	Gaining Base	WSA	PAA/Acft	Comments
Fairchild	N/A	Kirtland	N/A	Depot/Navaho
Barksdale	Ellsworth (B-52) Dyess (B-1)	Ellsworth Dyess	28 36	
Whiteman	Minot (B-2)	Minot	12 B-52 12 B-2	
Dyess	Ellsworth (B-1)	Ellsworth	36	
Ellsworth	Dyess (B-1)	Dyess	36	
Minot	Barksdale (B-52)	Fairchild	40	Forward Based $7.5 M/yr

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

NOV 2 9 1994

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 November 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 McCarthy, AF/XOO
Brig Gen Weaver, NGB/CF

b. Other key attendees:

Col Mayfield, AF/RTR
Col Samples, AF/RE
Col Walters, AF/PE
Mr. Myers, AF/CE
Lt Col Kring, NGB

The meeting was called to order by Mr. Boatright. Lt Col Kring, NGB, provided a briefing on ANG options, using the slides at Atch 1. He presented an overview of possible consolidations, and an assessment of the effectiveness of those options. The BCEG noted that, where moves were not recommended because of "facilities," the real issue was that the move was not cost effective because of required construction. The BCEG also noted that the move into Andrews was not precluded because of restrictions on added force, as noted on the slide. The BCEG asked that this move be readdressed

Lt Col Kring then presented information on other, below-threshold moves that were possibilities. For the move from Moffett, the BCEG requested that McClellan be examined as a potential receiver as well. After reviewing the matters presented, the BCEG asked that all data be examined under the COBRA model before final analysis was completed.

Mr. Boatright then briefed the BCEG on a proposed analysis of the Missile subcategory. Rather than analyzing these bases under all eight criteria, the bases will be examined only under Criterion I. After the analysis of the relative merit of the missiles bases is complete, that information will be considered in tiering the bases under the Large Aircraft subcategory. The BCEG approved this approach.

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:
- ANG Move from Baltimore to Andrews
- Move from Moffett to McClellan
- COBRA for ANG Analysis
- Special Ops facility at Little Rock - Unique?
- Airspace Growth grading
- Criteria II for Satellite Control subcategory
- Analysis of ARC bases
- Analysis of Satellite Control bases
- Squadron size and number of units

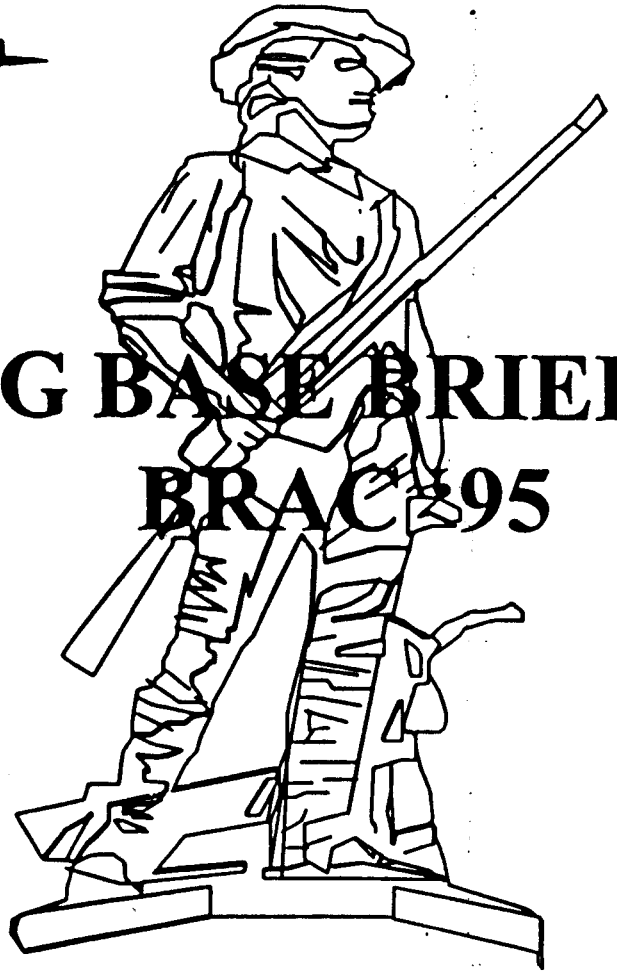
JAY D. BLUME, JR., Maj Gen, USAF
Co-Chairman

JAMES F. BOATRIGHT
Co-Chairman

Attachments
ANG Base Briefing

Air National Guard — A World Class Organization

ANG



ANG BASE BRIEFING
BRAC 95

ATCH 1

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

THE ANG

PRESENT	FUTURE
89 FLYING UNITS	89 FLYING UNITS
472 MISSION SUPPORT UNITS	463 MISSION SUPPORT UNITS
115,500 PEOPLE	106,600 PEOPLE
1267 AIRCRAFT	1088 AIRCRAFT

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

FLYING LOCATIONS

- 9 ON AIR FORCE BASES
- 4 ON NAVAL AIR STATIONS
- 2 ON AFRES BASES
- 4 ON AIR NATIONAL GUARD BASES
- 1 ON ARMY INSTALLATION
- 1 ON NASA INSTALLATION
- 68 ON CIVILIAN AIRFIELDS

Air National Guard A World Class Organization

ANG BASES BRIEFING- BRAC95

FLYING UNITS ON BASES

AIR FORCE

EIELSON AFB AK
ANDREWS AFB MD
HICKAM AFB HI
LITTLE ROCK AFB AR
MCCONNELL AFB KS
MCGUIRE AFB NJ
KIRTLAND AFB NM
KELLY AFB TX
FAIRCHILD AFB WA

NAVAL

NEW ORLEANS LA
WILLOW GROVE PA
NAS JRB FT WORTH TX
POINT MUGU (CHANNEL ISLAND) CA

AFRES

DOBBINS GA
MARCH CA

NASA

MOFFETT CA

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

ANG FLYING MISSION

GP FIGHTER UNITS - 30% MISSION

- 447 AIRCRAFT

F-15A/B	F-4G
F-16A/B,C/D	A-10

ADF - 100% MISSION

- 120 AIRCRAFT

F-16A/B	F-15A/B

BOMBERS - 9% MISSION

- 10 B-1B

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

ANG FLYING MISSION

TACTICAL AIRLIFT - 42% MISSION

- 180 AIRCRAFT

  C-130E/H

REFUELING - 43% MISSION

- 204 AIRCRAFT

  KC-135E/R

STRATEGIC AIRLIFT - 9% MISSION

- 28 AIRCRAFT

  C-5A C-141B

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

ANG FLYING MISSION

RESCUE - **29% MISSION**

- 45 AIRCRAFT

UH-60H HC-130H

RECCE - **100% MISSION**

- 18 RF-4C

ICE CAP - **100% MISSION**

- 4 LC-130H

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

ANG FLYING MISSION

SPECIAL OPERATIONS

- 6 EC-130H

FLYING TRAINING

– 52 AIRCRAFT

16 F-16A/B 16 F-16ADF 8 C-130

12 F-4G

BCEG - CLOSE HOLD

Air National Guard — A World Class Organization

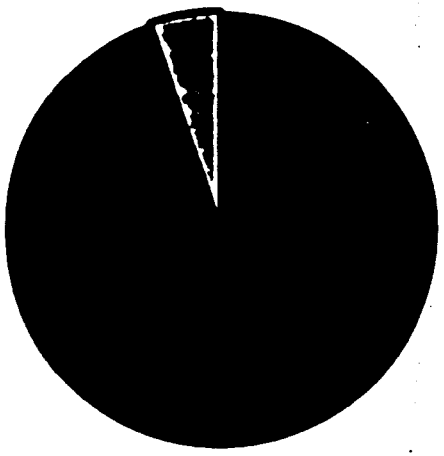
ANG BASES BRIEFING- BRAC95

BUDGET

ANG PERCENT OF USAF TOA

USAF
$74.8B

ANG
$4.1B



Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

ASSUMPTIONS

- As much blue suit presence within communities of U.S. as possible - minimize cost to ANG/USAF
- ANG units are extremely cost effective to operate from municipal airports
- Consolidate where it makes sense
- Minimum PAA per unit
  - 12 PAA - F-16
  - 12-15 PAA - F-15
  - 12 PAA - A-10
  - 8 PAA - KC-135
  - 8 PAA - Airlift

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

ASSUMPTIONS

- Any lower PAA per unit - consolidation **in state** begins to make greater sense
- ANG cost models in this briefing are **NOT** COBRA runs
- No inflation factors were applied. All costs are stated in FY95 dollars

Air National Guard A World Class Organization

ANG BASES BRIEFING- BRAC95

POSSIBLE OPTIONS

BASE	OPTION
BOISE ID	MT HOME
BUCKLEY CO	PETERSON
ST LOUIS MO	WHITEMAN
BALTIMORE MD	ANDREWS
OTIS MA	WESTOVER
PITTSBURGH PA	NO BASE
PORTLAND OR	NO BASE

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

POSSIBLE OPTIONS

BASE	OPTION
RICKENBACKER OH	WRIGHT-PATTERSON
SALT LAKE CITY UT	HILL
SELFRIDGE MI	NO BASE
STEWART NY	NO BASE
TUCSON AZ	DAVIS MONTHAN

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

BOISE - MT HOME AFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$38M
  - ADDITIONAL BRAC COSTS -$7.7M
  - **TOTAL ONE-TIME COSTS - $45.7M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $7.3M**
  - RECURRING FOMA/AJUA SAVINGS -$1.3M
  - PERSONNEL SAVINGS -$1.7M
  - **TOTAL RECURRING SAVINGS - $3M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 12.8 YRS**
- PERSONNEL REDUCTIONS
  - 11 AGR (3 O, 8 E)
  - 20 TECHNICIANS
  - 42 TRADITIONAL GUARD

PCS
- 99 AGR (24 O, 75 E)
- 168 TECHNICIANS

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

BUCKLEY - PETERSON (1)

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$62.2M
  - ADDITIONAL BRAC COSTS -$13.9M
  - **TOTAL ONE-TIME COSTS - $76.1M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $2.5M**
  - RECURRING FOMA SAVINGS -$1.2M
  - PERSONNEL SAVINGS -$12.3M
  - **TOTAL RECURRING SAVINGS - $13.5M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 5.5 YRS**
- PERSONNEL REDUCTIONS
  - 7 AGR (1 O, 6 E)
  - 16 TECHNICIANS
  - 31 TRADITIONAL GUARD
  - 230 TITLE V

PCS
- 53 AGR (7 O, 46 E)
- 123 TECHNICIANS

Air National Guard — A World Class Organization

ANG BASES BRIEFING- BRAC95

BUCKLEY - PETERSON (2)

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$62.2M
  - ADDITIONAL BRAC COSTS -$5.8M
  - **TOTAL ONE-TIME COSTS - $68M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $2.5M**
  - RECURRING FOMA SAVINGS -$1.2M
  - PERSONNEL SAVINGS -$2.3M
  - **TOTAL RECURRING SAVINGS - $3.5M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 18.7 YRS**
- PERSONNEL REDUCTIONS
  - 7 AGR (1 O, 6 E)
  - 16 TECHNICIANS
  - 31 TRADITIONAL GUARD

PCS
- 53 AGR (7 O, 46 E)
- 123 TECHNICIANS

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95
ST LOUIS - WHITEMAN

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$48.4M
  - ADDITIONAL BRAC COSTS -$12.1M
  - **TOTAL ONE-TIME COSTS - $60.5M**

- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0**
  - RECURRING FOMA/AJUA SAVINGS -$.4M
  - PERSONNEL SAVINGS -$1.4M
  - **TOTAL RECURRING SAVINGS - $1.8M**

- **ESTIMATED PAY BACK (0% DISCOUNT) 34.2 YRS**

- PERSONNEL REDUCTIONS
  - 5 AGR (0 O, 5 E)
  - 23 TECHNICIANS
  - 31 TRADITIONAL GUARD

PCS
- 74 AGR (3 O, 71 E)
- 315 TECHNICIANS

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

OTIS - WESTOVER ARB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$53.4M
  - ADDITIONAL BRAC COSTS -$21.5M
  - **TOTAL ONE-TIME COSTS - $74.9M**

- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0**
  - RECURRING FOMA SAVINGS -$1.2M
  - PERSONNEL SAVINGS -$14.3M
  - **TOTAL RECURRING SAVINGS - $15.5M**

- **ESTIMATED PAY BACK (0% DISCOUNT) 4.8 YRS**

- PERSONNEL REDUCTIONS
  - 7 AGR (1 O, 6 E)
  - 23 TECHNICIANS
  - 24 TRADITIONAL GUARD
  - 268 TITLE V

PCS
- 74 AGR (3 O, 71 E)
- 315 TECHNICIANS

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

RICKENBACKER - WPAFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$90.8M
  - ADDITIONAL BRAC COSTS -$12.1M
  - **TOTAL ONE-TIME COSTS - $102.9M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0.4M**
  - RECURRING FOMA/AJUA SAVINGS -$2.5M
  - PERSONNEL SAVINGS -$1.5M
  - **TOTAL RECURRING SAVINGS - $4M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 25.1 YRS**
- PERSONNEL REDUCTIONS
  - 8 AGR (1 O, 7 E)
  - 23 TECHNICIANS
  - 31 TRADITIONAL GUARD

PCS
- 111 AGR (18 O, 93 E)
- 322 TECHNICIANS

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

SALT LAKE - HILL AFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$66M
  - ADDITIONAL BRAC COSTS -$4M
  - **TOTAL ONE-TIME COSTS - $70M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $.5M**
  - RECURRING FOMA/AJUA SAVINGS -$.7M
  - PERSONNEL SAVINGS -$2.8M
  - **TOTAL RECURRING SAVINGS - $3.5M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 19.6 YRS**
- PERSONNEL REDUCTIONS — PCS
  - 9 AGR (1 O, 8 E) — - 9AGR (1 0, 8 E)
  - 25 TECHNICIANS — - 20 TECHNICIANS
  - 56 TRADITIONAL GUARD

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

TUCSON - D.M. AFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$87.5M
  - ADDITIONAL BRAC COSTS -$2.5M
  - **TOTAL ONE-TIME COSTS - $90M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $.6M**
  - RECURRING FOMA/AJUA SAVINGS -$1.1M
  - PERSONNEL SAVINGS -$1.9M
  - **TOTAL RECURRING SAVINGS - $3M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 30 YRS**
- PERSONNEL REDUCTIONS — PCS
  - 9 AGR (2 O, 7 E) — - 0 AGR
  - 28 TECHNICIANS — - 0 TECHNICIANS
  - 24 TRADITIONAL GUARD

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

POSSIBLE OPTIONS

BASE	OPTION	RECOMMENDATION
BOISE ID	MT HOME	NO - FACILITIES
BUCKLEY CO	PETERSON	NO - FACILITIES
ST LOUIS MO	WHITEMAN	NO - FACILITIES
BALTIMORE MD	ANDREWS	NO - ADDED FORCE
OTIS MA	WESTOVER	NO - ENVIRONMENTAL AND FACILITIES
PITTSBURGH PA	----------	NO - NO BASE
PORTLAND OR	----------	NO - NO BASE

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

POSSIBLE OPTIONS

BASE	OPTION	RECOMMENDATION
RICKENBACKER OH	WRIGHT-PAT	NO - FACILITIES
SALT LAKE CITY UT	HILL	NO - FACILITIES
SELFRIDGE MI	----------	NO - NO BASE
STEWART NY	----------	NO - NO BASE
TUCSON AZ	D.M. AFB	NO - FACILITIES AND ENVIRONMENTAL-AICUZ

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

OTHER OPTIONS

- MCENTIRE ANGB SC TO SHAW
- MOFFETT CA TO BEALE AFB
- SUFFOLK COUNTY NY TO STEWART IAP
- ROSLYN ANGS NY TO STEWART IAP
- GRIFFISS MINIMUM ESSENTIAL AIRFIELD(MEA)
- GREAT FALLS TO MALSTROM
- ONTARIO CA TO MARCH ARB

BCEG - CLOSE HOLD

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

ASSUMPTIONS

- LAND IS AVAILABLE TO BUILD
- CONSOLIDATION OF OVERHEAD FUNCTIONS WHERE MORE THAN ONE ANG UNIT EXISTS
  - CE, CFR, MPF, SUPPLY, ETC
- OPERATIONS SQUADRONS AND MAINTENANCE AGS **DO NOT** COMBINE

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

MCENTIRE - SHAW AFB

- UNIT MOVES INTO CANTONMENT
- ALL ANG UNITS MOVE TO SHAW AFB
- SC ARNG HELICOPTER OPERATIONS REMAIN AT MCENTIRE
- USAF CONSOLIDATES UNITS AT SHAW TO MAKE ROOM FOR ANG UNITS

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

MCENTIRE - SHAW AFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$52.3M
  - ADDITIONAL BRAC COSTS -$1.6M
  - **TOTAL ONE-TIME COSTS - $53.9M**

- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0M**
  - RECURRING FOMA SAVINGS -$1.4M
  - PERSONNEL SAVINGS -$1.4M
  - **TOTAL RECURRING SAVINGS - $2.8M**

- **ESTIMATED PAY BACK (0% DISCOUNT) 19.1 YRS**

- PERSONNEL REDUCTIONS — PCS
  - 6 AGR (1 O, 5 E) — - 0 AGR
  - 21 TECHNICIANS — - 0 TECHNICIANS
  - 31 TRADITIONAL GUARD

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

MOFFETT - BEALE AFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$33.5M
  - ADDITIONAL BRAC COSTS -$8M
  - **TOTAL ONE-TIME COSTS - $41.5M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0**
  - RECURRING FOMA/AJUA SAVINGS -$3.6M
  - PERSONNEL SAVINGS -$1M
  - **TOTAL RECURRING SAVINGS - $4.6M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 9 YRS**
- PERSONNEL REDUCTIONS PCS
  - 6 AGR (0 O, 6 E) - 81 AGR (7 O, 74 E)
  - 13 TECHNICIANS - 188 TECHNICIANS
  - 31 TRADITIONAL GUARD

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

SUFFOLK CO - STEWART

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$3.3M
  - ADDITIONAL BRAC COSTS -$6.7M
  - **TOTAL ONE-TIME COSTS - $10M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $1.4M**
  - RECURRING FOMA/AJUA SAVINGS -$1.9M
  - PERSONNEL SAVINGS -$7M
  - **TOTAL RECURRING SAVINGS - $8.9M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 1 YR**
- PERSONNEL REDUCTIONS
  - 30 AGR (7 O, 23 E)
  - 88 TECHNICIANS
  - 305 TRADITIONAL GUARD

PCS
- 33 AGR (10 O, 33 E)
- 128 TECHNICIANS

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

ROSLYN - STEWART

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$1M
  - ADDITIONAL BRAC COSTS -$1.6M
  - **TOTAL ONE-TIME COSTS - $2.6M**
- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0M**
  - RECURRING FOMA SAVINGS -$0M
  - PERSONNEL SAVINGS -$.4M
  - **TOTAL RECURRING SAVINGS - $.4M**
- **ESTIMATED PAY BACK (0% DISCOUNT) 6 YRS**
- PERSONNEL REDUCTIONS — PCS
  - 2 AGR (0 O, 2 E) — - 7 AGR (1 O, 6 E)
  - 2 TECHNICIANS — - 35 TECHNICIANS
  - 50 TRADITIONAL GUARD

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95

GREAT FALLS - MAFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$34.9M
  - ADDITIONAL BRAC COSTS -$1M
  - **TOTAL ONE-TIME COSTS - $35.9M**

- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0**
  - RECURRING FOMA/AJUA SAVINGS -$1M
  - PERSONNEL SAVINGS -$2.2M
  - **TOTAL RECURRING SAVINGS - $3.2M**

- **ESTIMATED PAY BACK (0% DISCOUNT) 11.3 YRS**

- PERSONNEL REDUCTIONS — PCS
  - 5 AGR (1 O, 4 E) — - 0 AGR
  - 13 TECHNICIANS — - 0 TECHNICIANS
  - 56 TRADITIONAL GUARD

Air National Guard A World Class Organization ANG

ANG BASES BRIEFING- BRAC95

GRIFFISS MEA

- RECOMMEND GRIFFISS BE REMOVED FROM BRAC95 PROCESS
  - DOD Direct Hire Employee population will fall below 300 threshold by 1 October 1995
    - Airfield - 50 Title V employees
    - NEADS - 33 Title V employees

Air National Guard — A World Class Organization — ANG

ANG BASES BRIEFING- BRAC95
ONTARIO CA - MARCH

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$500K
  - ADDITIONAL BRAC COSTS -$237K
  - **TOTAL ONE-TIME COSTS - $737K**

- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0**
  - RECURRING FOMA SAVINGS -$0
  - PERSONNEL SAVINGS -$41K
  - **TOTAL RECURRING SAVINGS - $41K**

- **ESTIMATED PAY BACK (0% DISCOUNT) 18 YRS**

- PERSONNEL REDUCTIONS
  - 1 AGR (0 O, 1 E)
  - 0 TECHNICIANS
  - 0 TRADITIONAL GUARD

PCS
- 0 AGR
- 0 TECHNICIANS

Air National Guard A World Class Organization

ANG BASES BRIEFING- BRAC95

NO HIGHLANDS CA - MAFB

- ONE TIME COSTS
  - FIRST LOOK MILCON ESTIMATE -$2.6M
  - ADDITIONAL BRAC COSTS -$200K
  - **TOTAL ONE-TIME COSTS - $2.8M**

- POSSIBLE SAVINGS/COST AVOIDANCE
  - **ONE TIME MILCON AVOIDANCE - $0**
  - RECURRING FOMA SAVINGS -$0
  - PERSONNEL SAVINGS -$0
  - **TOTAL RECURRING SAVINGS - $0**

- **ESTIMATED PAY BACK (0% DISCOUNT) YRS**

- PERSONNEL REDUCTIONS PCS
  - 1 AGR (0 O, 1 E) - 0 AGR
  - 0 TECHNICIANS - 0 TECHNICIANS
  - 0 TRADITIONAL GUARD

Air National Guard A World Class Organization

ANG

AIR NATIONAL GUARD

BCEG - CLOSE HOLD

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

28 NOV 1994

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 1030 hours on 2 November 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

b. Other key attendees:

Col Mayfield, AF/RTR
Col Walters, AF/PE
Col Samples, AF/RE
Col Willoughby, AF/XOFS
Maj Arko, XOFC

The meeting was called to order by Mr. Boatright. Lt Col Donnalley, AF/RTR, presented some administrative matters related to data changes for the Small Aircraft subcategory, using the slides at Atch 1. The data was incorrect for the Unemployment Rates, which resulted from changes in the Metropolitan Statistical Area. The corrections resulted in a changed grades for Cannon. The BCEG accepted the changed grades, but deferred the question of whether to reexamine the tiers until later.

Col Willoughby, AF/XOFS, presented a briefing on the Missile Bases, using the slides at Atch 2. Because some of the briefing was classified, the discussion during this briefing as well as the classified slides will be located in the Classified Annex to these minutes.

Maj Arko, AF/XOFC, presented at briefing on Bomber force structure. Because this briefing is classified, it is attached to the classified annex to these minutes.

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.

OPEN ITEMS:
- ANG Move from Baltimore to Andrews
- Move from Moffett to McClellan
- COBRA for ANG Analysis
- Special Ops facility at Little Rock - Unique?
- Airspace Growth grading
- Criteria II for Satellite Control subcategory
- Analysis of ARC bases
- Analysis of Satellite Control bases
- Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Admin remarks
2. Missile briefing

Base Closure Executive Group

Admin Remarks

- Data Corrections
  - Identified during Criterion VI analysis
  - 1993 Unemployment Rates shown as backup data to section VI
  - Same data used in Spousal Employment Criterion Subelement
- Three Bases Numbers Differed
  - Result of new DoD Metropolitain Statistical Areas
  - Grade Change on two bases
  - OVERALL GRADE CHANGE ON ONE BASE

Base Closure Executive Group

Bases to be Changed

Installation		Unemploy	Growth
Beale	- old	11.5	0.4
	- new	17	-2.6
Cannon	- old	7.2	0.7
	- new	6.8	-0.9
Mcguire	- old	5.9	-3.0
	- new	6.8	-0.9

ATCH 1

Base Closure Executive Group

Ratings to be Changed

- Beale — no change
- Cannon — red to yellow
  overall grade changes
  yellow minus to yellow
- McGuire — yellow to red

Base Closure Executive Group

BCEG Impacts

- Relook tiering of Cannon due to Criterion VII grade change of yellow minus to yellow
- Request BCEG approve changes

SLIDE REMOVED

CLASSIFIED MATERIAL CONTAINED IN CLASSIFIED ANNEX TO BCEG MINUTES

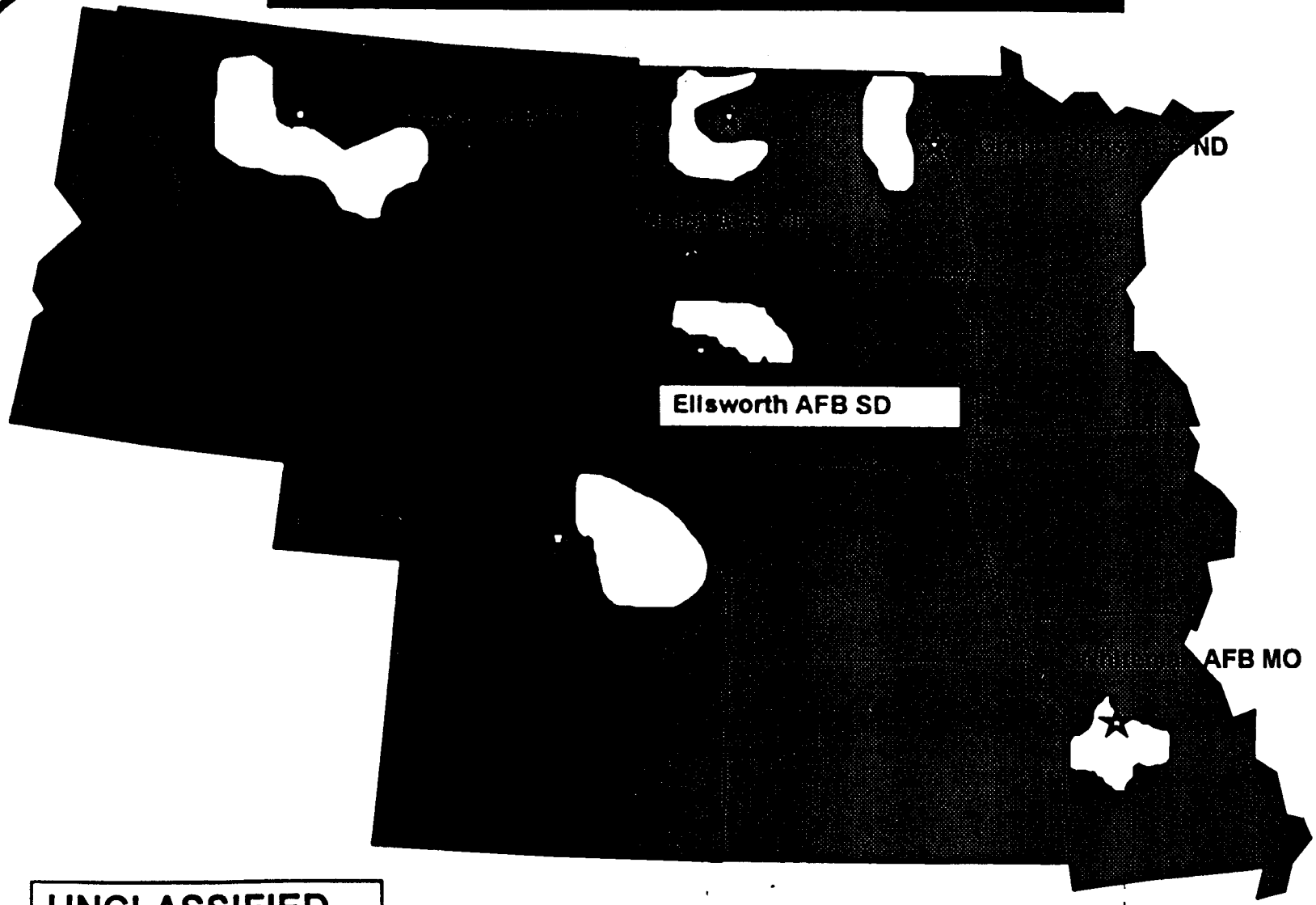
ATCH 2

Overview

- Missile Field locations
- Current ICBM Forces
- ICBMs in the TRIAD
- Wing Rating Criteria
- Wing Comparisons
- Unit Ratings
- Summary

UNCLASSIFIED

Missile Field Locations



UNCLASSIFIED

SLIDE REMOVED

CLASSIFIED MATERIAL CONTAINED IN CLASSIFIED ANNEX TO BCEG MINUTES

Criteria

UNCLASSIFIED

OPERATIONAL EFFECTIVENESS

RANGE:	ABILITY TO REACH THE PROJECTED TARGET BASE
SPACING:	SIZE AND ORIENTATION OF THE MISSILE FIELD
GEOLOGY:	SOIL TYPE, SHOCK WAVE REFLECTOR
WEATHER:	IMPACTING OPERATIONS AND MAINTANENCE
MAINTAINABILITY:	LOGISTICS SUPPORTABILITY

RATING SCALE: 5 - OUTSTANDING; 4 - EXCELLENT
3 - AVERAGE; 2 - < AVERAGE

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ANNEX TO BCEG MINUTES

Weather

- WHAT ARE THE WEATHER CONDITIONS THAT COULD ADVERSELY AFFECT (HINDER, DELAY OR PRECLUDE) MISSILE MAINTENANCE, SECURITY RESPONSE FORCES, OPERATIONS, AND SAFETY

- CONSIDERATIONS (ANNUAL):
  - TEMPERATURE EXTREMES (HEAT , COLD)
  - PRECIPITATION (RAINFALL, SNOWFALL)
  - WIND
  - FOG

- MEASURE
  - COMPARISON OF WINGS BY THEIR RELATIVE WEATHER CONDITIONS

UNCLASSIFIED

SLIDE REMOVED

CLASSIFIED MATERIAL
CONTAINED IN CLASSIFIED
ANNEX TO BCEG MINUTES

Criteria

Operational Effectiveness

Range:	Ability to reach the projected target base
Spacing:	Size and orientation of the missile field
Geology:	Soil type, structure, water table
Weather:	Impact on Operations and Maintanence
Maintainability:	Logistics supportability

RATING SCALE: 5 - OUTSTANDING; 4 - EXCELLENT
3 - AVERAGE; 2 - < AVERAGE

UNCLASSIFIED

SLIDE REMOVED

CLASSIFIED MATERIAL CONTAINED IN CLASSIFIED ANNEX TO BCEG MINUTES

Summary

- ALL MISSILES UNITS HAVE THE REQUISITE COMBINATION OF "OPERATIONAL EFFECTIVENESS" CRITERIA TO ACCOMPLISH THE MISSION (THEY ARE DOING IT TODAY)

UNCLASSIFIED

SLIDE REMOVED

CLASSIFIED MATERIAL
CONTAINED IN CLASSIFIED
ANNEX TO BCEG MINUTES

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE ASSISTANT SECRETARY

29 NOV 1994

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 November 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 McCarthy, AF/XOO
Brig Gen Weaver, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Maj Pugh, SAF/FMCCA

The meeting was called to order by Mr. Boatright. Mr. Orr noted that he was disqualified from any action on the Large Aircraft subcategory, since he has conflicting financial interests. He departed the room when the discussion of Large Aircraft issues began.

Maj Pugh, SAF/FMCCA, briefed COBRA data for bases in the Large Aircraft subcategory, using the slides at Atch 1. The BCEG discussed each base's data, and in some cases compared the one-time costs to those projected in the 1993 BRAC round. The BCEG questioned whether moves into McGuire AFB included the MFH units at Fort Dix which the Army is making available for Air Force use. The briefed numbers did not include those, because at the time the information was gathered there was a question as to whether the Army would make these available. Final COBRA on any move into McGuire will reflect these units as available.

The BCEG noted that the costs for relocation of the missiles and deactivation of the missile sites is outside the BRAC process, since this force structure drawdown is already planned and not a result of BRAC. After discussion, the BCEG approved the COBRA data as briefed.

Mr. Boatright then discussed how to include missile field value and large aircraft base values. Some members thought that the missile field values should be briefed and considered when voting on the Large Aircraft subcategory bases. Others thought they should be dealt with separately, and integrated by the SECAF in reaching her decisions. After discussion, the BCEG voted to consider the missile field values as part of their consideration of the Large Aircraft bases, and reviewed the missile field grades prior to voting on the tiering of the Large Aircraft bases.

The BCEG then reviewed all eight criteria for Large Aircraft. They discussed the current primary missions of the bases, as well as which bases were missile field bases. They noted that bomber and tanker bases were largely interchangeable due to historical missions. Mr. Boatright suggested that emphasis should be placed on the first four criteria, and particularly Criterion I as it reflects the ability to do the mission. Criteria IV and V were considered next most important, followed closely by Criterion II. Criterion III is also very important for these bases, since they provide much of the mobilization support. The other criteria should be used to resolve close comparisons.

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:

	Base
Top Tier	Altus
	Barksdale
	Charleston
	Dover
	Dyess
	Fairchild
	Little Rock
	McConnell
	Travis
	Whiteman
Middle Tier	Beale
	Malmstrom
	McGuire
	Minot
	Offutt
Bottom Tier	Ellsworth
	Grand Forks
	Scott

Lt Col Black then briefed a follow-up presentation on evaluation of Satellite Control Bases, using the slides at Atch 2. The BCEG approved the analysis as briefed. Lt Col Plummer then reviewed the Cannon AFB Criterion VII grade change resulting from corrected data. The BCEG voted not to reexamine the tiers for Small Aircraft in light of the low impact of the change.

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:
ANG Move from Baltimore to Andrews
Move from Moffett to McClellan
COBRA for ANG Analysis
Analysis of ARC bases
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. COBRA data
2. Satellite Control Analysis

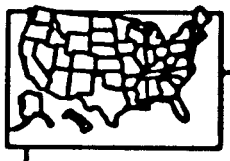
BCEG CLOSE HOLD

LARGE AIRCRAFT

ALTUS
(FY 96 $ M)

CONSTRUCTION	
• MISSION:	285
•MFH:	88
MOVING:	44
PERSONNEL COSTS:	8
OVERHEAD:	6
OTHER:	3
TOTAL:	433

BCEG CLOSE HOLD 1 11/7/94



BCEG CLOSE HOLD

LARGE AIRCRAFT

BARKSDALE
(FY 96$ M)

CONSTRUCTION	
• MISSION	90
• MFH	66
MOVING	45
PERSONNEL COSTS	8
OVERHEAD	8
OTHER	4
TOTAL	221

BCEG CLOSE HOLD 2 11/7/94

ATCH 1

BCEG CLOSE HOLD

LARGE AIRCRAFT

BEALE
(FY 96$ M)

CONSTRUCTION	
• MISSION:	145
• MFH:	23
MOVING:	17
PERSONNEL COSTS:	6
OVERHEAD:	6
OTHER:	1
TOTAL:	199

BCEG CLOSE HOLD

3 11/7/94

BCEG CLOSE HOLD

LARGE AIRCRAFT

CHARLESTON
(FY 96$ M)

CONSTRUCTION	
• MISSION	277
• MFH	96
MOVING:	34
PERSONNEL COSTS	6
OVERHEAD	6
OTHER:	2
TOTAL:	423

BCEG CLOSE HOLD

4 11/7/94

BCEG CLOSE HOLD

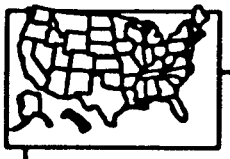
LARGE AIRCRAFT

DOVER
(FY 96$ M)

CONSTRUCTION	
• MISSION:	201
• MFH:	73
MOVING:	31
PERSONNEL COSTS:	7
OVERHEAD:	8
OTHER:	2
TOTAL:	322

BCEG CLOSE HOLD

6 11/7/94



BCEG CLOSE HOLD

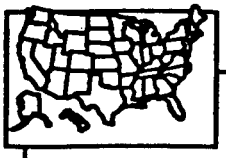
LARGE AIRCRAFT

DYESS
(FY 96$ M)

CONSTRUCTION	
• MISSION	37
• MFH.	59
MOVING:	22
PERSONNEL COSTS	6
OVERHEAD.	6
OTHER:	2
TOTAL:	132

BCEG CLOSE HOLD

6 11/7/94



BCEG CLOSE HOLD

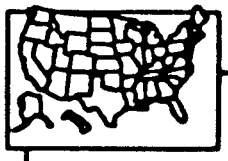
LARGE AIRCRAFT

ELLSWORTH
(FY 96$ M)

CONSTRUCTION	
• MISSION:	3
• MFH:	0
MOVING:	18
PERSONNEL COSTS:	7
OVERHEAD:	11
OTHER:	1
TOTAL:	41

BCEG CLOSE HOLD

7 11/7/94



BCEG CLOSE HOLD

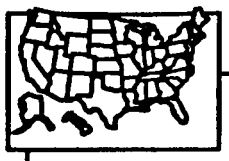
LARGE AIRCRAFT

FAIRCHILD
(FY 96$ M)

CONSTRUCTION	
• MISSION	254
• MFH	0
MOVING	30
PERSONNEL COSTS	6
OVERHEAD	9
OTHER	2
TOTAL	300

BCEG CLOSE HOLD

8 11/7/94



BCEG CLOSE HOLD

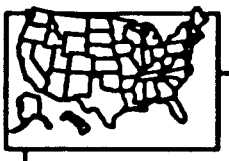
LARGE AIRCRAFT

GRAND FORKS
(FY 96$ M)

CONSTRUCTION	
• MISSION:	97
• MFH:	0
MOVING:	15
PERSONNEL COSTS:	7
OVERHEAD:	9
OTHER:	1
TOTAL:	129

BCEG CLOSE HOLD

9 11/7/94



BCEG CLOSE HOLD

LARGE AIRCRAFT

LITTLE ROCK
(FY 96$ M)

CONSTRUCTION	
• MISSION	206
• MFH	78
MOVING:	28
PERSONNEL COSTS	6
OVERHEAD	8
OTHER:	2
TOTAL:	328

BCEG CLOSE HOLD

10 11/7/94

BCEG CLOSE HOLD

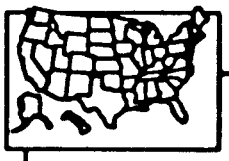
LARGE AIRCRAFT

MALMSTROM
(FY 96$ M)

CONSTRUCTION	
• MISSION:	6
• MFH:	0
MOVING:	13
PERSONNEL COSTS:	6
OVERHEAD:	6
OTHER:	1
TOTAL:	32

BCEG CLOSE HOLD

11 11/7/94



BCEG CLOSE HOLD

LARGE AIRCRAFT

MCCONNELL
(FY 96$ M)

• CONSTRUCTION	
• MISSION	179
• MFH	0
• MOVING	30
• PERSONNEL COSTS	6
• OVERHEAD	6
• OTHER:	2
•	
• TOTAL:	224

BCEG CLOSE HOLD

12 11/7/94

BCEG CLOSE HOLD

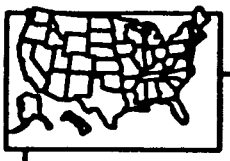
LARGE AIRCRAFT

MCGUIRE
(FY 96$ M)

• CONSTRUCTION	
• MISSION:	432
• MFH:	126
• MOVING:	44
• PERSONNEL COSTS:	8
• OVERHEAD:	11
• OTHER:	3
•	
• TOTAL:	624

BCEG CLOSE HOLD

13 11/7/94



BCEG CLOSE HOLD

LARGE AIRCRAFT

MINOT
(FY 96$ M)

• CONSTRUCTION	
• MISSION	23
• MFH:	0
• MOVING:	18
• PERSONNEL COSTS	7
• OVERHEAD	10
• OTHER:	1
•	
• TOTAL:	59

BCEG CLOSE HOLD

14 11/7/94

BCEG CLOSE HOLD

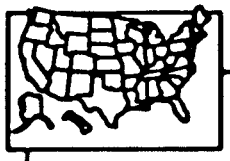
LARGE AIRCRAFT

OFFUTT
(FY 96$ M)

• CONSTRUCTION	
• MISSION:	196
• MFH:	236
• MOVING:	62
• PERSONNEL COSTS:	7
• OVERHEAD:	10
• OTHER:	4
•	
• TOTAL:	515

BCEG CLOSE HOLD

15 11/7/94



BCEG CLOSE HOLD

LARGE AIRCRAFT

SCOTT
(FY 96$ M)

• CONSTRUCTION	
• MISSION	86
• MFH	57
• MOVING	71
• PERSONNEL COSTS	11
• OVERHEAD	10
• OTHER:	5
•	
• TOTAL:	240

BCEG CLOSE HOLD

16 11/7/94

BCEG CLOSE HOLD

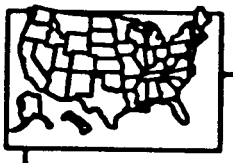
LARGE AIRCRAFT

TRAVIS
(FY 96$ M)

• CONSTRUCTION	
• MISSION:	595
• MFH:	146
• MOVING:	74
• PERSONNEL COSTS:	10
• OVERHEAD:	17
• OTHER:	4
•	
• TOTAL:	846

BCEG CLOSE HOLD

17 11/7/94



BCEG CLOSE HOLD

LARGE AIRCRAFT

WHITEMAN
(FY 96$ M)

• CONSTRUCTION	
• MISSION	259
• MFH.	32
• MOVING:	20
• PERSONNEL COSTS	6
• OVERHEAD	7
• OTHER:	2
•	
• TOTAL:	326

BCEG CLOSE HOLD

18 11/7/94

BCEG CLOSE HOLD

LARGE AIRCRAFT

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
ALTUS	433	18	28	20	833
BARKSDALE	221	(378)	41	5	1,094
BEALE	199	(567)	53	3	1081
CHARLESTON	423	(100)	36	14	838
DOVER	322	(314)	44	8	975
DYESS	132	(443)	40	3	906
ELLSWORTH	41	(849)	63	1	1257
FAIRCHILD	300	(307)	42	8	1044
GRAND FORKS	129	(731)	60	2	1217

BCEG CLOSE HOLD

19 11/7/94

BCEG CLOSE HOLD

LARGE AIRCRAFT

CRITERIA IV & V

	1-TIME COST	20 YR NPV	STEADY STATE	ROI	PERS SAVINGS
LITTLE ROCK	328	(347)	47	8	843
MALMSTROM	32	(797)	69	1	1187
MCCONNELL	224	(347)	40	6	765
MCGUIRE	624	(365)	70	10	1077
MINOT	69	(801)	61	1	1221
OFFUTT	916	(191)	46	13	1058
SCOTT	249	(628)	64	6	1102
TRAVIS	946	(287)	70	14	1306
WHITEMAN	325	(383)	60	7	1084

BCEG CLOSE HOLD

20 11/7/94

BCEG CLOSE HOLD

BCEG ANALYSIS
FOR
"SATELLITE CONTROL BASES"

BCEG CLOSE HOLD

1

PURPOSE

TO SEEK BCEG APPROVAL FOR

- METHODOLOGY,
- CRITERIA AND WEIGHTS

2

ATCH 7

METHODOLOGY
ANALYSIS FOR SATELLITE CONTROL NODES

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

- MISSION CAPACITY
- MISSION SUPPORT
- RISK

- REPLACE ENCROACHMENT AREA SUB-ELEMENTS OF CRITERION II

3

CRITERION I OVERALL

MISSION CAPACITY	50%
MISSION SUPPORT	40%
RISK	10%

4

MISSION CAPACITY - 50%

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

5

MISSION SUPPORT - 40%

- RELIABILITY OF CPU MAINFRAME PER 1000 HOURS OF SATELLITE OPS (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

6

RISK-10%

- WAIVERS TO EXISTING SECURITY REQUIREMENTS
  - YES- RED
  - NO- GREEN
- OPERATIONS HOURS LOST DUE TO EXTERNAL FACTORS
  - GREATEST NUMBER (BENCHMARK) - GREEN
  - WITHIN 10% OF BENCHMARK - YELLOW
  - LESS THAN 90% OF BENCHMARK - RED
- ABILITY TO SUSTAIN CORE OPERATIONS
  - 14 DAYS OR GREATER - GREEN
  - 7-14 DAYS - YELLOW
  - LESS THAN 7 DAYS - RED

7

CRITERION II OVERALL

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

8

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^2 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

9

The attached record represents the grades for each of the eight criteria as reviewed by the BCEG before voting on tiers for each category. Attachment of these grades was requested by Air Force Audit Agency, and approved by the BCEG during the BCEG meeting of December 7, 1994.

J. BRYAN ECHOLS, Lt Col, USAF
BCEG Recorder

Attachment

Base Name	IA	IB	II	III	IV	V	VI	VII	VIII
Altus AFB	Green	No Grade	Green -	Green -	433/-18	20	4,392 (43.9%)	Yellow	Green -
Barksdale AFB	Green -	No Grade	Green -	Green -	221/-378	5	9,963 (7.0%)	Green -	Yellow
Beale AFB	Green	No Grade	Yellow +	Green -	199/-567	3	4,795 (10.0%)	Yellow	Yellow +
Charleston AFB	Green -	No Grade	Yellow +	Green -	423/-100	14	34,210 (14.9%)*	Yellow +	Yellow +
Dover AFB	Green	No Grade	Yellow	Green -	322/-314	8	8,215 (13.1%)	Green -	Red +
Dyess AFB	Green -	No Grade	Green -	Green -	132/-443	3	6,983 (12.7%)	Green -	Green -
Ellsworth AFB	Yellow +	No Grade	Green	Green -	41/-849	1	6,427 (12.6%)	Green -	Yellow
Fairchild AFB	Green -	No Grade	Green -	Green -	300/-307	8	7,850 (4.5%)	Yellow +	Yellow +
Grand Forks AFB	Yellow +	Red	Green -	Yellow +	129/-731	2	7,054 (16.7%)	Yellow +	Yellow +
Little Rock AFB	Green -	No Grade	Green -	Green -	328/-347	8	7,798 (2.9%)	Yellow +	Yellow +
Malmstrom AFB	Green -	Green	Green -	Yellow	32/-797	1	6,722 (19.4%)	Yellow +	Green -
McConnell AFB	Green -	No Grade	Green -	Green -	224/-347	6	5,760 (2.3%)	Green -	Yellow +
McGuire AFB	Green	No Grade	Yellow +	Green -	624/-386	10	32,627 (1.4%)*	Yellow +	Yellow
Minot AFB	Green -	Yellow	Green -	Yellow +	59/-801	1	7,320 (29.7%)	Green -	Green -
Offutt AFB	Yellow +	No Grade	Green	Yellow +	515/-151	13	16,085 (4.8%)	Green -	Yellow +
Scott AFB	Yellow	No Grade	Yellow +	Yellow	240/-528	5	16,245 (1.4%)	Yellow +	Yellow +
Travis AFB	Green	No Grade	Yellow	Green -	846/-207	14	31,570 (14.8%)*	Yellow +	Yellow
Whiteman AFB	Green -	No Grade	Green -	Yellow +	326/-383	7	4,551 (12.3%)	Yellow +	Green -

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

15 NOV 1994

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 1045 hours on 4 November 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
Mr. Orr, AF/LGM
Mr. Kuhn, SAF/GCN
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Maj Richardson, AF/RE

The meeting was called to order by Mr. Boatright. Maj Richardson pesented a proposal for analysis of the Reserve subcategory bases, using the slides at Atch 1. Mr. Boatright expressed a concern that the analysis be accomplished under the oversight of the Base Closure Working Group in an integrated process. After discussing the proposed method, the BCEG approved the process as briefed.

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:
ANG Move from Baltimore to Andrews
Move from Moffett to McClellan
COBRA for ANG Analysis
Analysis of ARC bases
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
AFRES Analysis

AIR FORCE BCEG AFRES ANALYSIS

AFRES SUB-CATEGORY PROPOSED METHODOLOGY

BCEG CLOSE HOLD

1

AIR FORCE BCEG AFRES ANALYSIS

OVERVIEW

- AFRES BRAC 95 Goals
- AFRES BRAC History
- Comparison Between BRAC 93 to BRAC 95
- Collocated AFRES UE Units
- AFRES Capacity Analysis
- Proposed Overall Analytical Process
- Justification
- Time Table Next Two Weeks

BCEG CLOSE HOLD

2

ATCH 1

AIR FORCE BCEG AFRES ANALYSIS

AFRES BRAC 95 GOALS

- Maintain Total Force Combat Capability
- Provide Cost Effective Blue Suit Presence
- Consolidate Where It Makes Sense
- Reduce BOS and Manpower Cost
- Optimize Unit Warfighting Size
- Good Locations for Training and Recruiting
- Solid Justification for AFRES BRAC Actions
  - Going Beyond the Onetime Cost Justification
  - Past Commission Decisions and Logic

BCEG CLOSE HOLD

3

AIR FORCE BCEG AFRES ANALYSIS

PAST BRAC HISTORY

- Active Duty Closures Has Led To AFRES Bases
- BRAC 88
  - Mather, Norton
- BRAC 91
  - Bergstrom, Carswell, Groesem, Mather, Rickenbacker, and Richards-Gebaur
- BRAC 93
  - Carswell, Homestead, March, and O'Hare
  - KC-10 Associate Realignments (Barksdale, March, and Seymour-Johnson)
  - McClellan Redirect

BCEG CLOSE HOLD

4

AIR FORCE BCEG AFRES ANALYSIS

AFRES SUB-CATEGORY INSTALLATIONS

LOCATION	AIRFIELD OPERATOR	COLLOCATED UNITS
BERGSTROM	AFR	CIV (?) / NG (?)
CARSWELL	NAVY	AFR / ANG
DOBBINS	AFR	AR / ANG
GEN MITCHELL	CIV	AFR / ANG / AR
GRISSOM	AFR	
HOMESTEAD	AFR	CIV (?)
MARCH	AFR	ANG
MINN-ST PAUL	CIV	NAVY / ANG / AFR
NIAGARA	CIV	AFR / ANG / NG
O'HARE	CIV	AFR / ANG
PITTSBURGH (AFR)	CIV	AFR
WESTOVER	AFR	NG
WILLOW GROVE	NAVY	AFR / ANG / AR
YOUNGSTOWN	CIV	AFR

- Only 14 of the 32 AFRES UE Locations are in this Subcategory

BCEG CLOSE HOLD

AIR FORCE BCEG AFRES ANALYSIS

OTHER AFRES UE LOCATIONS

- SECAF Exclusions
  - Andrews, Keesler, and Maxwell
- ANG
  - Portland and Selfridge
- Industrial and Technical Support
  - Eglin, Peterson, and Wright-Patterson
- Depots
  - Hill, Kelly, and Tinker
- Small Aircraft
  - Davis-Monthan, Luke, and Seymour-Johnson
- Large Aircraft
  - Barksdale, Beale, and Whiteman

BCEG CLOSE HOLD

AIR FORCE BCEG AFRES ANALYSIS

AFRES -- BRAC 93 TO BRAC 95 COMPARISON

	BRAC 93			BRAC 95			BRAC 93 TO 95
	93/1	99/4	DELTA	94/4	01/4	DELTA	97/4 DELTA
A/OA-10	69	51	-18	54	36	-18	-18
F-16	168	144	-6	114	60	-54	-84
B-52	0	8	8	8	8		
C-5	28	28		28	28		
C-130	108	83	-25	100	92	-8	9
KC-135	40	50	10	60	64		14
C-141	12	44	32	36	40	4	4
Specialty							
C-130s	28	28		29	29		1
HH-60	21	21		21	21		
		TOTAL	-1		TOTAL	-86	TOTAL -79

BCEG CLOSE HOLD

7

AIR FORCE BCEG AFRES ANALYSIS

AFRES CAPACITY ANALYSIS

	# of SQs	INSTALLATIONS / FACILITIES			
		TOTAL #	AFRES ALONE	COLLOCATED WITH ARC	COLLOCATED WITH ACTIVE
A-10	2	3	1	-	2
F-16	4	7 (5/2*)	2	1/1*	2/1*
C-130	11	11	2	6	3
KC-135	8	7 (5/2*)	1	2/1*	2/1*
C-141	4	3	-	1	2

* F-16 Installations Scheduled to convert to KC-135s

Only 14 of the 32 AFRES UE Locations are in this Subcategory

BCEG CLOSE HOLD

8

AIR FORCE BCEG AFRES ANALYSIS

OVERALL METHODOLOGY

- Group the Installations by Weapon System
  - Fighter (Carswell, Bergstrom, and Homestead)
  - Strategic Airlift (March and Westover)
  - Tanker (Grissom)
  - C-130 (Dobbins, Gen Mitchell, Minn-St Paul, Niagara, O'Hare, Greater Pittsburgh, Willow Grove, and Youngstown)
- Fighter, Strat Airlift, and Tanker Groups
  - Cost Effective Opportunities For Realistic Cost Savings
  - Evaluate Options Using the Eight DoD Criteria
- C-130 Group
  - Level Playing Field Analysis to Provide a Tiering
  - Analyze Potential Closures Using Realistic Options

BCEG CLOSE HOLD

AIR FORCE BCEG AFRES ANALYSIS

JUSTIFICATION

- Grouping Insures Similar Installations are Compared
- For Fighter, Strat Airlift, and Tanker Groups
  - The Small Number Makes It Possible to Examine All the Cost Effective Options
  - Most Would Be BRAC Redirects
  - Easy to Defend
- For C-130 Group
  - Too Many to Realistically Examine All the Options
  - Level Playing Field Provides Defensible Position
    - Clearly Identifies the Most Cost Effective Installations
    - Answers the Question "Why Me and Not Him?"

BCEG CLOSE HOLD

AIR FORCE BCEG AFRES ANALYSIS

TIME TABLE
NEXT TWO WEEKS

- Computer Analysis
  - Brief Proposed ARC Category Weights
  - Brief Proposed ARC Data Call #1 Goal Post
- AFRES Presents Options for Fighter, Strategic Airlift, and Tanker Groupings
- Level Playing Field Analysis of C-130 Group
  - COBRA Assumptions
  - Criteria I Through VIII Analysis
  - Tiering

BCEG CLOSE HOLD

11

AIR FORCE BCEG AFRES ANALYSIS

RECOMMENDATION

- BCEG Approve the Proposed Methodology for Analyzing the AFRES Sub-Category up through Tiering, as Amended by BCEG Comments.

BCEG CLOSE HOLD

12

BCEG CLOSE HOLD

LARGE AIRCRAFT BASES

COBRA EXCURSION

MAJOR RICHARD JOHNSTON

AF/XOFM

MOBILITY FORCES DIVISION

#14 A:\ELLWRTH.PPT

1 1/25/95

BCEG CLOSE HOLD

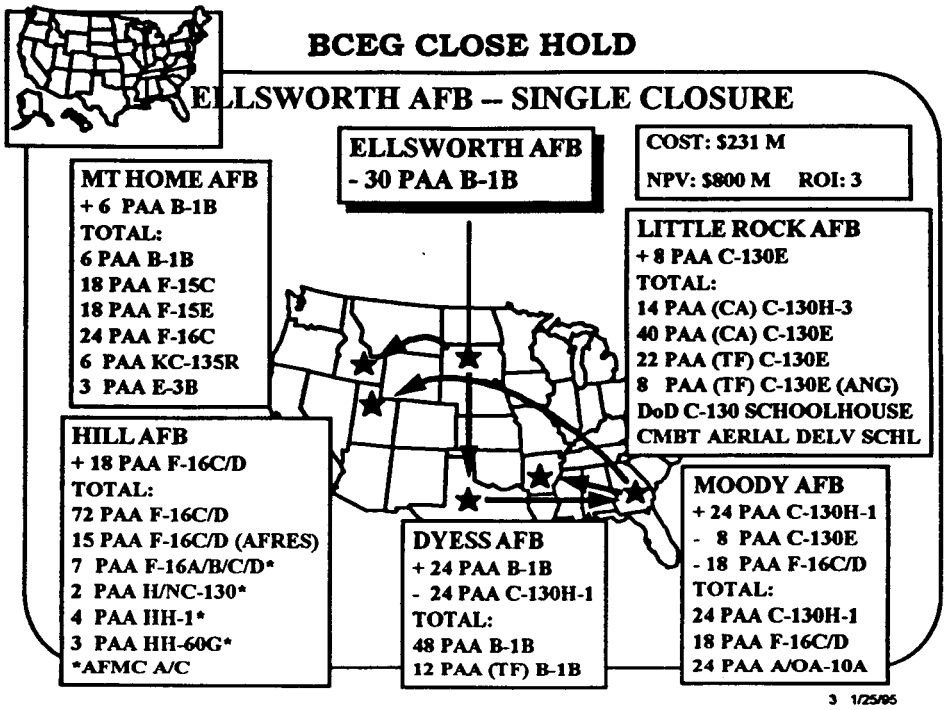
LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION ONE

ELLSWORTH AFB -- SINGLE CLOSURE

2 1/25/95

ATCH 1


BCEG CLOSE HOLD
ELLSWORTH AFB -- SINGLE CLOSURE
ELLSWORTH AFB
- 30 PAA B-1B
COST: $231 M
NPV: $800 M ROI: 3
MT HOME AFB
+ 6 PAA B-1B
TOTAL:
6 PAA B-1B
18 PAA F-15C
18 PAA F-15E
24 PAA F-16C
6 PAA KC-135R
3 PAA E-3B
LITTLE ROCK AFB
+ 8 PAA C-130E
TOTAL:
14 PAA (CA) C-130H-3
40 PAA (CA) C-130E
22 PAA (TF) C-130E
8 PAA (TF) C-130E (ANG)
DoD C-130 SCHOOLHOUSE
CMBT AERIAL DELV SCHL
HILL AFB
+ 18 PAA F-16C/D
TOTAL:
72 PAA F-16C/D
15 PAA F-16C/D (AFRES)
7 PAA F-16A/B/C/D*
2 PAA H/NC-130*
4 PAA HH-1*
3 PAA HH-60G*
*AFMC A/C
DYESS AFB
+ 24 PAA B-1B
- 24 PAA C-130H-1
TOTAL:
48 PAA B-1B
12 PAA (TF) B-1B
MOODY AFB
+ 24 PAA C-130H-1
- 8 PAA C-130E
- 18 PAA F-16C/D
TOTAL:
24 PAA C-130H-1
18 PAA F-16C/D
24 PAA A/OA-10A
3 1/25/95

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE ASSISTANT SECRETARY

NOV 30 1994

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 8 November 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. 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

Mr. Mleziva, BCWG
Dr. Stewart, BCWG
Col Pease, AF/XOO
Mr. Stewart, AF/LGMM
Lt Col Kring, NGB
Capt McNeil, BCWG

The meeting was called to order by Mr. Boatright. He discussed an agreement within the Air Force to provide so-called military values to the JCSGs over his signature. The BCEG will brief the SECAF on the tiering prior to transmission of the values.

Lt Col Kring, NGB, presented a proposal to remove ANG operations at the Griffiss AFB site from consideration in BRAC, due to the personnel levels being below 300 civilian authorizations post BRAC 93 implementation. After discussion, the BCEG agreed to leave this ANG activity in the category, but to do no analysis on the installation unless a redirect of the BRAC 93 recommendation is sought

Capt McNeil, AF/BCWG, presented changes to functional values for the Lab and Product Center and Test and Evaluation bases, using the slides at Atch 1. The changes were uncovered during routine audit reviews, and did not result in a change of any color grades. The BCEG approved the Laboratory grade changes. The overall grade for Eglin did not change colors, despite a significant error in airspace. The BCEG approved the change for Eglin AFB data.

Dr. Stewart, AF/BCWG, briefed the Test and Evaluation analysis process, using the slides at Atch 2. The briefing was an overview of future analysis given the products of the JCSG-TE. The focus of the briefing was the capacity and requirements determination methods. The BCEG approved the capacity and requirements (workload) determination processes but deferred action on the proposed process to analyze JCSG-TE alternatives until more information on the content of such alternatives is known.

Mr. Mleziva, AF/BCWG, briefed a proposed Lab/Product Center analysis process, using the slides at Atch 3. The BCEG disagreed with the proposed analysis process including some of the consolidation guidelines. The concern with the analysis process was the same as identified above for the proposed Test and Evaluation analysis process. In regard to the proposed consolidation guidelines, the BCEG disagreed because some of the guidelines are inconsistent with the Air Force BRAC process. For example, Tier III bases are not necessarily candidates for closure. Instead, tiering reflects only the results of the BCEG comparative analysis of bases within a category. In selecting candidates for further study, the SECAF considers tiering, capacity analysis results, base loading and other operational considerations. Another example of a guideline the BCEG disagreed with is keeping activities intact. While this is a consideration, it is not an overriding factor as cost and effectiveness are, at least, equal considerations. As a result the BCEG rejected the proposed analysis process and requested that a means for determining excess capacity be developed and briefed to the BCEG as soon as possible.

Mr. Stewart, AF/LGMM, briefed an approach to capacity analysis for the depot facilities, using the slides at Atch 4. The total core is organic core done in Air Force workloads, even if the work is done for other services. The BCEG asked the title to reflect DoD Core Done in AF Depots. The BCEG questioned the appropriateness of presenting closure costs during a presentation on capacity. Although closure costs will affect how much excess capacity can be reduced, it is not a factor in the initial determination of excess capacity. With the removal of cost considerations, the BCEG accepted the capacity analysis as briefed.

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:

Lab Capacity Analysis
ANG Move from Baltimore to Andrews
Move from Moffett to McClellan
COBRA for ANG Analysis
Analysis of ARC bases
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Lab FV Brfg
2. T&E Process
3. Lab Process
4. Depot Capacity

Air Force Lab/Product Center ("Labs") Functional Value Briefing

Administrative Changes/Update

Presented:
08 Nov 94

Administrative Changes/Update

- **Summary of Changes**
  - Certified Data Changes (3) - 24 Oct 94
  - Air Force Audit Agency Findings (9)
    - Minor Data Changes
    - Additional Documentation Requirements
- **Changes/Corrections Accomplished**
- **Result: No Change to Any Color Scores**

Atch 1

Air Force T&E Determination of Functional Value for Eglin AFB

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Summary of Changes

- Air Force Audit Agency Identified Minor Discrepancies in 34 Sub-Elements
  - Only Significant Changes Were for AFDTC, Eglin AFB
    - Controlled Airspace Over Land Scored Incorrectly in Air Vehicles and Electronic Combat
      - 8,736 Square Miles (Available Airspace) Reduced to 1,896 Square Miles (Controlled Airspace)
    - Open Air Range Target Capability
      - Ability to Provide Airborne Targets Changed from No to Yes
  - All Other Changes of an Administrative/Clerical Nature
- Final Summary Rating for Eglin T&E Activity is Unchanged → G

T&E Mission Assessment (Eglin)

Before Audit

Test Resources (Weight)	Critical Spaces 70%	Trans 10%	Climate 10%	Other 5%	Range 5%	Physical Value Score*	OA/S 5%	SF 10%	SIL 5%	HTL 10%	H/T 20%	OA/A 40%	Technical Value Score**	Total Resource Value	Test Resource Value***
Armaments/ Weapons (Primary – 70%)	88.4	88.0	88.0	88.2	100.0	87.0	88.0	91.0	0.0	100.0	88.0	84.0	78.1	84.2	G
Electronic Combat (Secondary – 10%)	77.1	84.0	100.0	88.2	100.0	78.0	88.0	100.0	0.0	100.0	88.0	88.0	82.2	88.6	G
Air Vehicles (Secondary – 10%)	78.7	88.0	88.0	88.2	100.0	88.0	0.0	100.0	0.0	100.0	0.0	91.1	82.4	74.4	G

After Audit

Test Resources (Weight)	Critical Spaces 70%	Trans 10%	Climate 10%	Other 5%	Range 5%	Physical Value Score*	OA/S 5%	SF 10%	SIL 5%	HTL 10%	H/T 20%	OA/A 40%	Technical Value Score**	Total Resource Value	Test Resource Value***
Armaments/ Weapons (Primary – 70%)	88.4	88.0	88.0	88.2	100.0	87.0	88.0	91.0	0.0	100.0	88.0	88.0	81.1	84.0	G
Electronic Combat (Secondary – 10%)	78.7	84.0	100.0	88.2	100.0	78.0	88.0	100.0	0.0	100.0	88.0	88.0	82.2	88.4	G
Air Vehicles (Secondary – 10%)	78.3	88.0	88.0	88.2	100.0	78.0	0.0	100.0	0.0	100.0	0.0	91.1	82.4	72.0	G

* Sum of weighted PV Scores
** Sum of weighted TV Scores
*** Based on "Roll-Up"

T&E Activity Value Color *** **G**

Recommendations

- Approve Revised Values
- BCEG score Criteria I for T&E for Eglin AFB

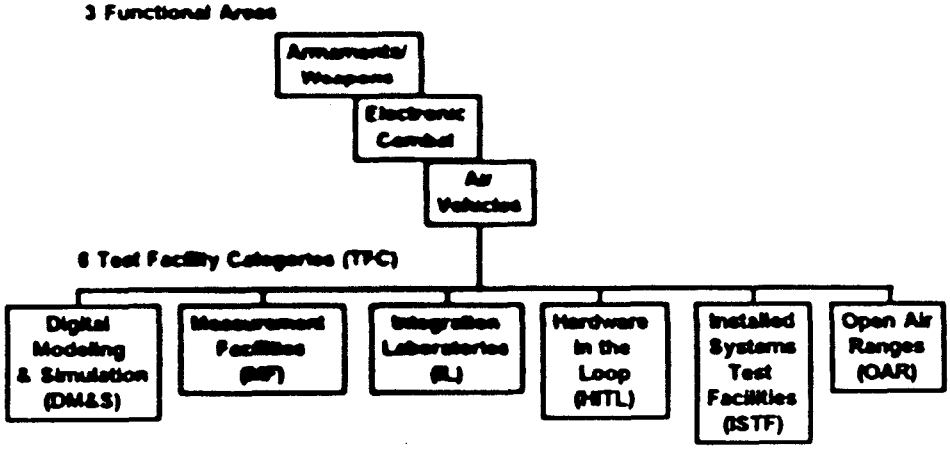
EGLIN AFB → G

TEST & EVALUATION

Analysis Process

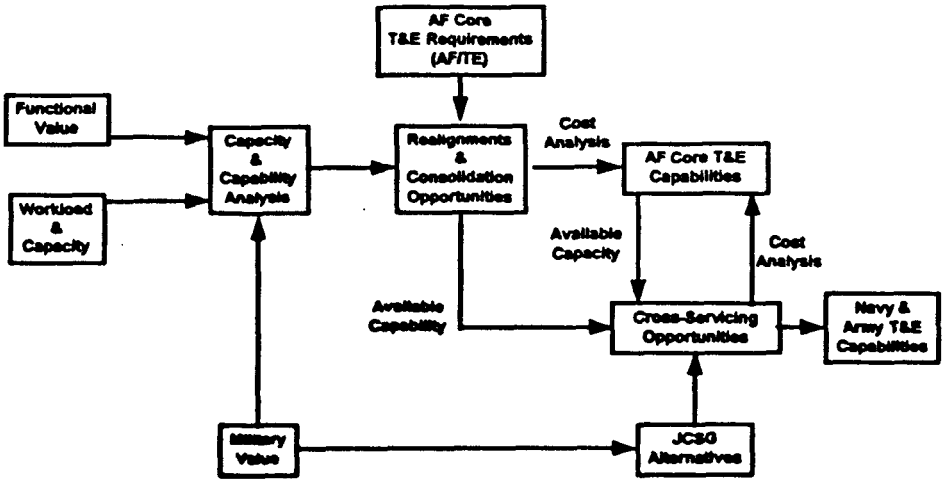
8 November 1994

T&E Framework



ATCH 2

AF T&E Analysis



TEST & EVALUATION
CAPACITY DETERMINATION PROCESS

- **Capacity of Facilities to Perform Work Determined**
  - **Measured in Test Hours**
  - **Used T&E JCSG Data Call Certified Data**
- **Based on Historical Peak Work Year from FY86 to FY93**
- **Assume FY01 Capacity Equals Historical Peak**
- **Facility Capacities Aggregated into Activity Capacities per TFC**

TEST & EVALUATION
REQUIREMENTS DETERMINATION PROCESS

- Test and Evaluation Requirements Determined for FY01
  - Measured in Test Hours for Each Facility Category
  - Aggregated Across Air Force Starting at Facility Level
- Used T&E JCSG Data Call Certified Data OSD(Comptroller) Fiscal Data
- Projected Average of FY92 and FY93 Historical Workload to FY99
- Assumed FY01 Projected Workload Equals FY99 Projected Workload

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Recommendation

- BCEG Approve the Process
  - Capacity Determination
  - Workload Determination
  - Air Force T&E Analysis

FOR OFFICIAL USE ONLY

FOR OFFICIAL USE ONLY

AIR FORCE LAB/PRODUCT CENTER CAPACITY/REQUIREMENTS PROCESS

Presented On:
08 Nov 94

FOR OFFICIAL USE ONLY

PURPOSE

Describe a Process to Consolidate Air Force Laboratories and Product Centers

ATCH 3

FOR OFFICIAL USE ONLY

Consolidation Guidelines

- Air Force Objective is to Close Bases/Sites
  - Not Just Shifting Work Among Bases
  - Tier III Bases/Sites are Primary Candidates for Closure
- Attempt to Consolidate Organizational Elements
  - e.g., Reduce Number of Armstrong Lab Sites
- Give Preference to Consolidating or Maintaining Consolidation of Related Activities
  - e.g., Collocate S&T and EMD Work in the Same Function
  - e.g., Do Not Separate Existing Related Collocated Activities
- Keep Activities Intact
  - e.g., Do Not Dissect and Distribute a Lab or Product Center
- Consider Consolidating Activities from Tier II Bases/Installations if Capacity Available and Activities Remain Intact
- Preserve Option to Consolidate DoD Work at Air Force Sites
  - e.g., LJCSG Alternatives
  - e.g., Roles and Missions Assignments

FOR OFFICIAL USE ONLY

PROCESS

- Determine 1997 Requirement for Lab/Product Center Activities
  - In Workyears (FY97 Programmed Workyears)
  - Using LJCSG Data Call Certified Data
  - Assuming SMC Det 10 Consolidates with SMC (as planned)
- Determine Demonstrated Available Capacity (in workyears) of Tier I & II Bases/Installations
  - Using LJCSG Data Call Certified Data (FY86-FY93 Peak Actual Workyears [or FY97 Programmed Workyears if Greater])
  - Sum of Activity Level Peaks
- Determine Consolidation Options
  - Based on the Consolidation Guidelines
- Mesh Results with T&E and Depot Bases; Iterate as Required

COMPARISON TO LJCSG PROCESS

- LJCSG Considered Activities / Functions / Life Cycles, not Bases / Activities
  - Result was Shifting Workyears, not Closing Bases
- LJCSG Consolidated Like Functions In Same Life Cycle, not (e.g.) Different Life Cycles or Multiple functions

→ Specific LJCSG Process Cannot Be Used by Air Force; Underlying Concept (Consolidation of Future Requirements at "Best" Activities/Locations Using their Available Capacity) Can be Used; Similar in Concept to Air Force Operational Process

STATUS

- Certified Data Available
- Process Could be Accomplished in a Few Days
  - Using BCEG Support Team (RT Extended Staff)
  - COBRA Runs Accomplished IAW OSD Steering Group Guidance
    - May Require Additional Time (e.g., Cross-Service)
- Need BCEG Approval to Proceed

Air Force Maintenance Depots
Capacity Analysis

Mr. Maurice Stewart

Maintenance Management Division

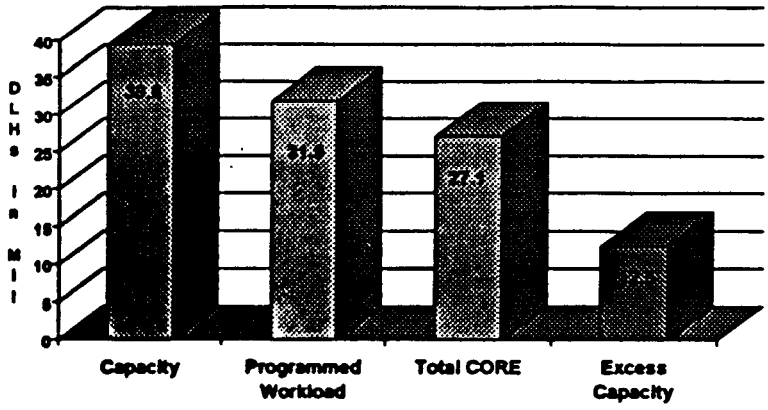
Directorate of Maintenance • DCS Logistics

Air Force Depot Equivalents

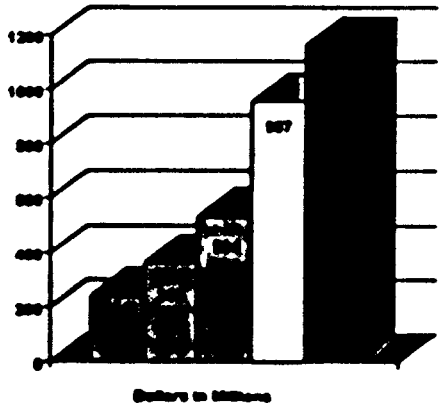
Depots	Capacity DLH in Millions
OC-ALC	7.8
OO-ALC	7.6
SA-ALC	8.9
SM-ALC	7.1
WR-ALC	8.1
Total Depots (5)	39.5
Average Depot	8.0

ATCH 4

Air Force Capacity Analysis

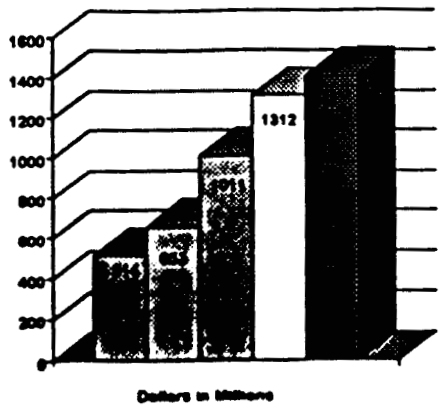


Selected Depot Closure Costs



- Includes:
  - Construction
  - Other Mission
  - Military Family Housing
  - Transportation
  - Interim Production Support
- Excludes:
  - Personnel
  - COBRA Factors

Total Depot Closure Costs



- Includes:
  - COBRA Factors
  - Personnel Costs

Depot Excess Capacity

- AF depots have approximately 1.5 depots worth of excess capacity
- Cost of closing two depots is high
- Recommendation
  - Close one Air Force depot
  - Downsize in place to absorb remaining excess

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

29 NOV 1994

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 9 November 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
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:

Dr. Stewart, AF/BCWG
Mr. Mleziva, AF/BCWG
Col Mayfield, AF/RTR
Col Pease, AF/XOOA
Lt Col Donnalley, AF/RTR
Lt Col Black, AF/RTR

The meeting was called to order by Mr. Boatright. Lt Col Donnalley, AF/RTR, briefed a change to the data entry for Airspace Encroachment, subelements II.5.c and d, using the slides at Atch 1. The BCWG asked for permission to have the computer system measure the distance between bases and air hubs, rather than use the manual system entered previously. The advantage is consistent measurement. Grades for Barksdale AFB and Whiteman AFB changed, but no changes to the Encroachment or Overall grade rollups resulted. The BCEG approved the change.

Lt Col Black, AF/RTR, presented changes to grades for Depot subcategory bases, using the slides at Atch 2. The changes resulted from AF Audit Agency reviews and further internal Air Force reviews. Although relatively few errors were discovered, the correct data needs to be inserted. In addition, an error was discovered in the standard deviation formula used. The corrected grades reflect use of the appropriate formula.

In Criterion I, although the commodity scores changed, no overall grade changes resulted. In Criterion II, a change to facility condition code grading changed the overall score for Tinker AFB higher. In addition to the data changes, the BCWG proposed changing Criteria IV and V values to reflect updated manpower numbers provided by AFMC after the level playing field data call. After discussion, the BCEG determined that any change could be perceived as an attempt to skew the level playing field analysis. In addition, manpower projections are in a state of change, and could very well be different by the time final COBRA runs are made. The BCEG voted to continue to use the original numbers for the level playing field analysis. When final COBRA runs are accomplished, the BCEG will determine what manpower levels to use. The BCEG voted to accept the other changes to the Depot grades as briefed. After a review of the changes, the BCEG voted that a review of the tiering was not necessary.

Dr. Stewart, AF/BCWG, presented capacity analysis on Test and Evaluation facilities, using the slides at Atch 3. After reviewing and discussing the information presented, the BCEG concluded that all three major Test and Evaluation centers in the Air Force are needed, but there is some ability to consolidate T&E functions from other bases onto those centers. In addition, there are certain facilities that are essential within DoD, but that could be transferred to other services. The BCEG approved the numbers as briefed.

Col Pease, AF/XOOA, briefed the BCEG on the options for considering Future Training airspace needs, using the slides at Atch 4. This briefing responded to a request by AF/XO to consider how airspace needs for future airspace, to include supersonic overland training, could be accommodated in the Criterion I analysis of operational effectiveness for small aircraft bases. The current BCEG analysis captured current airspace issues, but not long-term future airspace requirements. After reviewing possible changes to the subelements used in the Air Force analysis, the XO community concluded that this issue should be addressed to the SECAF who could take these future training needs into account in her closure and realignment decisions.

The BCEG questioned the absence of any determination of the total airspace needed, or whether current airspace resources were adequate to meet that need. Although they deferred to the operational community on the need for overland supersonic training resources, there was concern that the requirement was not adequately defined at this point. After discussion, the BCEG voted not to change the current analysis to accommodate this issue.

Mr. Mleziva, AF/BCWG, presented a briefing on lab capacity analysis, using the slides at Atch 5. The BCEG reviewed the capacity information, noting that it is difficult in this subcategory to define a target excess capacity because of the divergence in size and the variety of missions among the lab facilities.

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:

ANG Move from Baltimore to Andrews
Move from Moffett to McClellan
COBRA for ANG Analysis
Analysis of ARC bases
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Admin remarks
2. Depot corrections
3. T&E Capacity
4. Future Airspace
5. Lab Capacity

BCEG CLOSE HOLD

Base Closure Executive Group

Admin Remarks

- Refining of Criterion sub-element
  - Existing - local flying Area
  - Future - local flying Area
- Change from direct input to computer graded
  - Direct input used Proximity to Specific Hub airfields (200 NM)
  - Using Hub coordinates computer can more accurately measure distances

BCEG CLOSE HOLD 1 11/10/94

BCEG CLOSE HOLD

Base Closure Executive Group

Formal Sub-Element

- Green: < 2 major hubs within 200 NM of airfield
- Yellow: ≥ 2 and ≤ 5 major hubs within 200 NM of airfield
- Red: ≥ 6 or more major hubs within 200 NM of airfield

BCEG CLOSE HOLD 2 11/10/94

ATCH 1

Base Closure Executive Group

Rating Changes

- Large only sub-element color change
  - Barksdale from Green to Yellow
  - Whiteman from Green to Yellow
- Small, Depots, T & E, UFT and Labs
  - no changes

DEPOT VALUE ANALYSIS

REVISED

9 NOV 94

WHY CHANGES?

- AFAA AUDIT OF PROCESS AND DATA
- DATA CALLS DRIVEN BY JOINT GROUP
- CHANGES IN METHODOLOGY
  - STANDARD DEVIATION
  - GRADING CHANGE IN METHODOLOGY

CRITERIA I
FLYING OPERATIONS

NO CHANGE

I.1 MISSION REQUIREMENTS - FLYING

Base Name	I.1.A Operational Effectiveness	I.1.B Associated Airspace	I.1.C Airfield Capabilities	I.1 Flying Mission
Hill AFB	Green	Green	Green -	Green
Tinker AFB	Green -	Green	Green -	Green -
Robins AFB	Green -	Green	Green	Green -
Kelly AFB	Green -	Green	Green	Green -
McClellan AFB	Green -	Green	Green	Green -

DEPOT - REVISED

COMMODITY	TINKER AFB	OC-ALC	HILL AFB	OO-ALC	KELLY AFB	SA-ALC	McCLELLAN AFB	SM-ALC	ROBINS AFB	WR-ALC
PREVIOUSLY BRIEFED	YELLOW	808	GREEN	1066	RED +	730	GREEN -	899	GREEN -	897
REVISED	YELLOW	828	GREEN	1081	RED +	738	YELLOW +	876	GREEN -	905
DELTA		20		15		8		-23		8

OTHER FACTORS	TINKER AFB	OC-ALC	HILL AFB	OO-ALC	KELLY AFB	SA-ALC	McCLELLAN AFB	SM-ALC	ROBINS AFB	WR-ALC
PREVIOUSLY BRIEFED	GREEN -		YELLOW		GREEN		RED +		GREEN	
REVISED	GREEN -		YELLOW -		GREEN		RED		GREEN	

ROLL-UP	TINKER AFB	OC-ALC	HILL AFB	OO-ALC	KELLY AFB	SA-ALC	McCLELLAN AFB	SM-ALC	ROBINS AFB	WR-ALC
PREVIOUSLY BRIEFED	YELLOW		GREEN -		YELLOW -		YELLOW +		GREEN -	
REVISED	YELLOW		GREEN -		YELLOW -		YELLOW		GREEN -	

CRITERIA I OVERALL

PREVIOUSLY BRIEFED

Base Name	Flying Ops	Depot Ops	Overall
HILL AFB	GREEN	GREEN -	GREEN -
KELLY AFB	GREEN -	YELLOW -	YELLOW
McCLELLAN AFB	GREEN -	YELLOW +	YELLOW +
ROBINS AFB	GREEN -	GREEN -	GREEN -
TINKER AFB	GREEN -	YELLOW	YELLOW +

UPDATED

Base Name	Flying Ops	Depot Ops	Overall
HILL AFB	GREEN	GREEN -	GREEN -
KELLY AFB	GREEN -	YELLOW -	YELLOW
McCLELLAN AFB	GREEN -	YELLOW	YELLOW +
ROBINS AFB	GREEN -	GREEN -	GREEN -
TINKER AFB	GREEN -	YELLOW	YELLOW +

CRITERIA II OVERALL

PREVIOUSLY BRIEFED

Base Name	Facilities Base	Facilities Housing	Encroach-ment	Air Quality	Overall
HILL AFB	GREEN	YELLOW+	YELLOW+	YELLOW	YELLOW+
KELLY AFB	GREEN	GREEN-	YELLOW+	GREEN-	GREEN-
McCLELLAN AFB	YELLOW	GREEN-	GREEN-	YELLOW	YELLOW+
ROBINS AFB	GREEN-	RED+	GREEN	GREEN	GREEN-
TINKER AFB	YELLOW+	GREEN	GREEN-	GREEN	GREEN-

UPDATED

Base Name	Facilities Base	Facilities Housing	Encroach-ment	Air Quality	Overall
HILL AFB	GREEN	YELLOW+	YELLOW+	YELLOW	YELLOW+
KELLY AFB	GREEN-	GREEN-	YELLOW+	GREEN-	GREEN-
McCLELLAN AFB	YELLOW	GREEN-	GREEN-	YELLOW	YELLOW+
ROBINS AFB	YELLOW+	RED+	GREEN	GREEN	GREEN-
TINKER AFB	GREEN-	GREEN	GREEN-	GREEN	GREEN

CRITERIA III
OVERALL

NO CHANGE

DEPOT CATEGORY

CONTINGENCY, MOBILITY, and DEPLOYMENT REQUIREMENTS

Base Name	III.1 Maximum on Ground Capacity	III.2 Wide Body Aircraft Operations	III.3 Fuel Hydrant System	III.4 Fuel Storage by Pipeline	III.5 Munitions (Cat 1.1) Capacity	III.6 Hot Cargo Pad	III.7 Geographic Location	III Overall
Hill AFB	Green	Green	Yellow	Green	Green	Green	Yellow -	Green -
Tinker AFB	Green	Green	Green	Green	Green	Green	Yellow +	Green
Robins AFB	Green	Green	Green	Green	Yellow	Green	Green	Green
Kelly AFB	Yellow	Green	Green	Red	Green	Green	Yellow +	Yellow +
McClellan AFB	Green	Green	Red	Green	Yellow	Green	Yellow +	Yellow +

CRITERIA VII
OVERALL

NO CHANGE

VII. COMMUNITY

Base Name	VII.1 Off-Base Housing	VII.2 Transportation	VII.3 Off-Base Recreation	VII.4 Shopping Mall	VII.5 Metro Center	VII.6 Local Area Crime Rate	VII.7 Education	VII.8 Employment Opportunities	VII.9 Local Medical Care	VII Overall
Hill AFB	Yellow	Green -	Green	Green	Green	Yellow	Green	Green	Yellow	Green -
Tinker AFB	Yellow	Green	Green	Green	Green	Green	Green	Green	Yellow	Green -
Robins AFB	Yellow	Yellow +	Green -	Green	Green	Green -	Green	Green	Yellow	Green -
Kelly AFB	Yellow	Green -	Green	Green	Green	Yellow -	Green	Green	Yellow	Green -
McClellan AFB	Yellow	Green	Green	Green	Green	Yellow -	Green -	Red	Red	Yellow

CRITERIA VIII
OVERALL

NO CHANGE

VIII ENVIRONMENTAL IMPACT

Base Name	VIII.1 Water	VIII.2 Asbestos	VIII.3 Biological	VIII.4 Cultural	VIII.5 Installation Restoration Program	VIII Overall
Hill AFB	Green	Red	Green -	Yellow	Red	Yellow +
Tinker AFB	Green	Yellow	Yellow	Yellow	Yellow	Yellow +
Robins AFB	Green	Red	Yellow	Yellow	Red	Yellow +
Kelly AFB	Red	Red	Yellow -	Red	Red	Red +
McClellan AFB	Green	Red	Yellow	Yellow	Red	Yellow +

CRITERIA IV & V

PREVIOUSLY BRIEFED	CRITERIA IV				CRITERIA V
	ONE TIME COST	20 YR NPV	STEADY SAVINGS	MANPWR SAVINGS	RETURN ON INVESTMENT
HILL	1,409	514	70	1,450	30
KELLY	653	(179)	70	1,492	10
MCCLELLAN	514	(609)	96	1,756	5
ROBINS	1,011	133	75	1,744	18
TINKER	1,312	633	56	1,393	42

UPDATED	CRITERIA IV				CRITERIA V
	ONE TIME COST	20 YR NPV	STEADY SAVINGS	MANPWR SAVINGS	RETURN ON INVESTMENT
HILL	1389	714	51	996	54
KELLY	646	(57)	59	1201	13
MCCLELLAN	511	(536)	90	1643	5
ROBINS	1033	486	46	1194	39
TINKER	1323	685	52	1291	49

PREVIOUSLY BRIEFED

Base	Economic Area	1992 Census Population	1991 Per Capita Income	AVG % increase income	'84-'93 AVG Job Growth per year	AVG 10-yr Unempl.	AVG 3-yr Unempl.	AVG '93 Unempl.
Hill AFB	Salt Lake City-Ogden, UT MSA	1,130,487	$15,686	7.7%	14,859	4.8%	4.3%	3.6%
Kelly AFB	San Antonio TX MSA	1,378,138	$15,950	4%	13,745	6.3%	6.2%	5.6%
McClellan AF	Sacramento, CA PMSA	1,423,335	$19,540	5.3%	14,158	6.6%	7.4%	8.3%
Robins AFB	Macon, GA MSA	296,926	$16,610	6%	1,843	5.7%	5.5%	5.8%
Tinker AFB	Oklahoma City, OK MSA	986,757	$16,799	3.4%	-1,265	5.6%	5.3%	5%

UPDATED

Base	Economic Area	1992 Census Population	1991 Per Capita Income	'84-'91 AVG % increase income	'84-'93 AVG Job Growth per year	AVG 10-yr Unempl.	AVG 3-yr Unempl.	AVG '93 Unempl.
Hill	Salt Lake City-Ogden, UT MSA	1,127,000	$16,864	4.7%	14,859	4.8%	4.3%	3.6%
Kelly	San Antonio TX MSA	1,377,000	$17,284	4.6%	13,745	6.7%	6.2%	5.6%
McClellan	Sacramento, CA PMSA	1,148,000	$20,398	5.3%	14,158	6.3%	7.4%	8.3%
Robins	Macon, GA MSA	296,000	$17,542	5.6%	1,843	5.7%	5.5%	5.8%
Tinker	Oklahoma City, OK MSA	981,000	$17,649	3.7%	-1,265	5.6%	5.3%	5%

DEPOT CATEGORY

OVERALL

Base Name	I Overall Mission Requirements	II Facilities and Infrastructure	III Contingency and Mobility	IV Costs and Manpower Implications	V Return on Investment	VI Economic Impact	VII Community	VIII Environmental Impact	TIER
Hill AFB	Green -	Yellow +	Green -	1,409/ 514	30	38,748 (6.8%)	Green -	Yellow +	I
Tinker AFB	Yellow +	Green	Green	1,312/ 633	42	47,590 (10.1%)	Green -	Yellow +	I
Robins AFB	Green -	Green -	Green	1,011/ 133	18	32,004 (24.3%)	Green -	Yellow +	II
Kelly AFB	Yellow	Green -	Yellow +	653/-179	10	41,125 (6.4%)	Green -	Red +	III
McClellan AFB	Yellow +	Yellow +	Yellow +	514/-609	5	32,438 (5.2%)*	Yellow	Yellow +	III

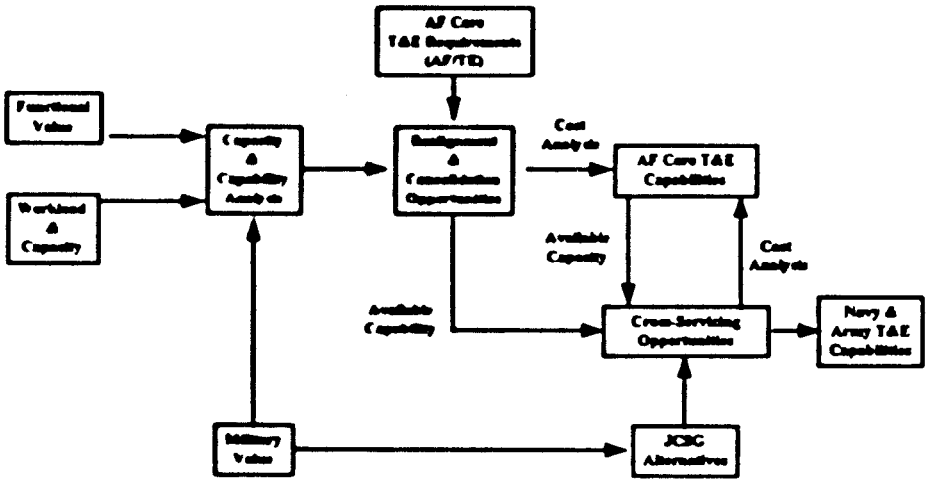
DEPOT BASE TIERS

1	HILL AFB TINKER AFB
2	ROBINS AFB
3	KELLY AFB McCLELLAN AFB

AIR FORCE TEST & EVALUATION CAPACITY/REQUIREMENTS RESULTS

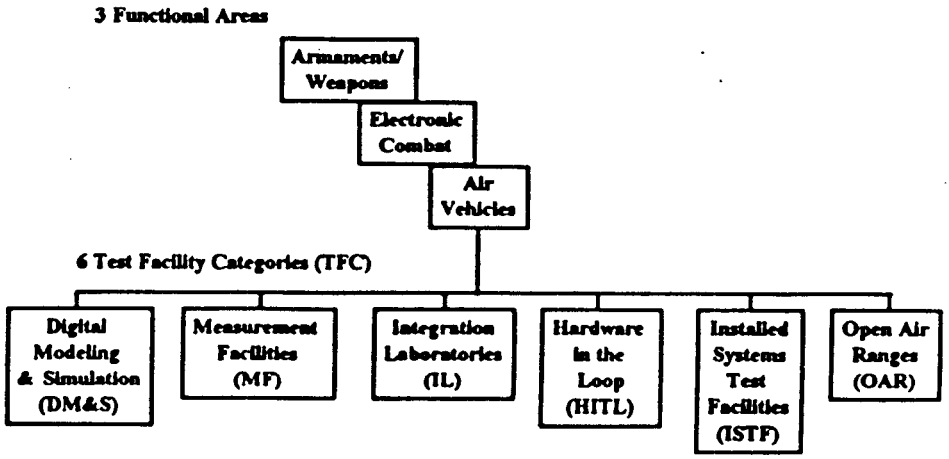
Presented on:
9 Nov 94

AF T&E Analysis



ATCH 3

T&E Framework



3

Analysis Results

4

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TEST & EVALUATION
CAPACITY/WORKLOAD REQUIREMENTS

AIR VEHICLES

TPC	AFFTC @ Edwards	AFFTC @ UTTR	AFDTC @ Eglin	AFDTC @ Holloman	475 WEG @ Tyndall	AEDC @ Arnold	RQMT
DM&S	1,987						270
MF	3,392		8,493	42,814		5,841	37,614
IL	118,999						69,485
HITL	160		118		2,697		2,115
ISTF	1,968						121
OAR	11,998	3,490	1,104				9,989

5.

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TEST & EVALUATION
CAPACITY/WORKLOAD REQUIREMENTS

ELECTRONIC COMBAT

TPC	AFFTC @ Edwards	AFDTC @ Eglin	AFDTC @ Holloman	AFFTW @ Ft Worth	EEDC AP @ Buffalo	RQMT
DM&S		[illegible]				1,168
MF		[illegible]	12,429			7,786
IL	[illegible]					3,795
HITL		[illegible]		[illegible]	[illegible]	2,868
ISTF	[illegible]	[illegible]				797
OAR	[illegible]	[illegible]				3,347

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TEST & EVALUATION
CAPACITY/WORKLOAD REQUIREMENTS

ARMAMENTS/WEAPONS

TFC	AFFTC @ Edwards	AFFTC @ UTTR	AFDTC @ Eglin	AFDTC @ Holloman	AEDC @ Arnold	RQMT
DM&S			57,820			39,324
MF			32,047	23,787	8,072	19,794
IL						0
HITL			18,611			12,085
ISTF	46		443			185
OAR	120	247	16,435			7,949

7

RECOMMENDATION

- Approve Capacity/Requirements Results

8

Base Closure Analytical Process

Relative to Future Training Needs

Directorate of Operations
DCS Plans and Operations

Future Training Requirements:

F-22 Concept of Operations

- Representative of Future Technologies
- Supercruise Flight Operations (Mach +)
- Overwater Airspace Adequate for Initial and Mission Qualification
- Overland Training Regime Needed for Advanced Composite Force Training
  - Strike Aircraft (Air-Ground Ranges)
  - Electronic Threat Arrays
  - Realistic Environment (Exploit Terrain Features Not Found Overwater)

Training Airspace Analysis

- BRAC Questionnaire Captured Current Airspace
- Future Availability Based on Existing Airspace
  - Long-Range Future Requirements Not Considered
  - Supersonic Overland Potential Not Specifically Addressed

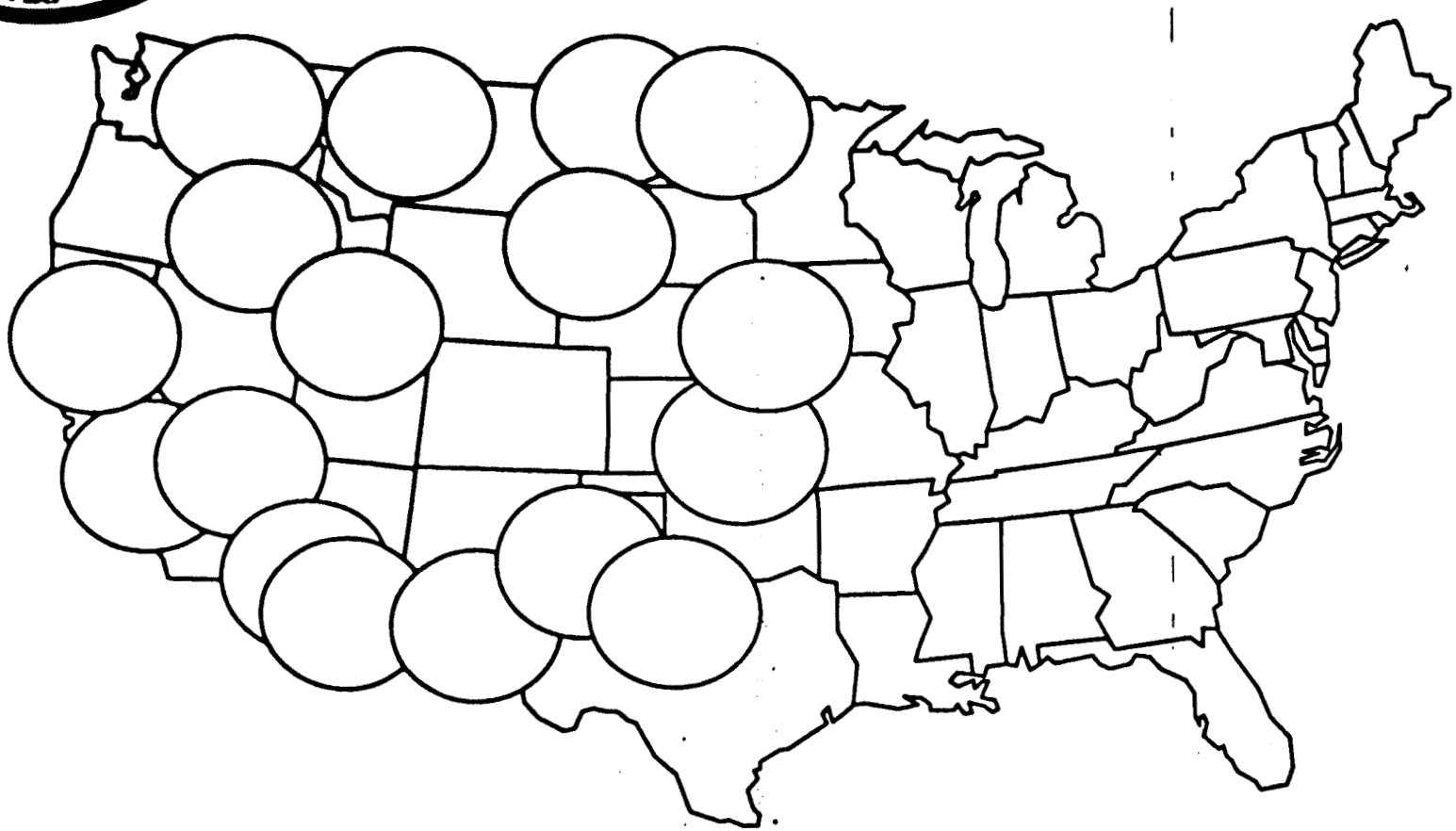
Future Training Requirements:

Potential Supersonic Airspace

- **Demographics and Airspace**
  - **Overland Supersonic Training Airspace Only Exists in West**
  - **Potential to Create/Expand Existing Airspace is Non-Existant in Populated Areas**
  - **Lower Population Density in Western US Offers the Only Potential to Meet Future Air Force Training Airspace Requirements**

Future Training Requirements:

150 NM Radii Around Selected Bases



Future Training Requirements:
Capturing the Data

- Analytical Framework
  - Modify Weight to Emphasize Potential Supersonic Airspace Does Not Produce Substantial Change
  - Perception Problem and BRAC Process
- Weight Change Not Solution

Recommendation

- **Subjective Evaluation and Action by SECAF**

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AIR FORCE LAB/PRODUCT CENTER CAPACITY/REQUIREMENTS PROCESS and RESULTS

Presented On:
09 Nov 94

ATCH 5

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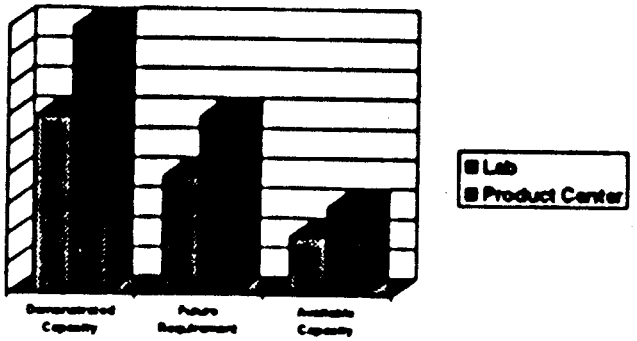
AIR FORCE LAB/PRODUCT CENTER CAPACITY/REQUIREMENTS PROCESS and RESULTS

Presented On:
09 Nov 94

PROCESS

- Determine 1997 Requirement for Lab/Product Center Activities
  - In Workyears (FY97 Programmed Workyears)
  - Using LJCSG Data Call Certified Data
  - Assuming SMC Det 10 Consolidates with SMC (as planned)
- Determine Demonstrated Available Capacity (in workyears) of "Lab" Bases/Installations
  - Using LJCSG Data Call Certified Data (FY86-FY93 Peak Actual Workyears [or FY97 Programmed Workyears if Greater])
  - Sum of Activity Level Peaks
- Determine Overall Lab/Product Center Available Capacity
- Obtain SECAF/BCEG Consolidation Guidance
- Perform Analysis (e.g., COBRA, Fit Checks)
- Consider LJCSG Alternatives; Mesh "Lab" Results with T&E and Depot Bases; Iterate as Required

Notional AFB

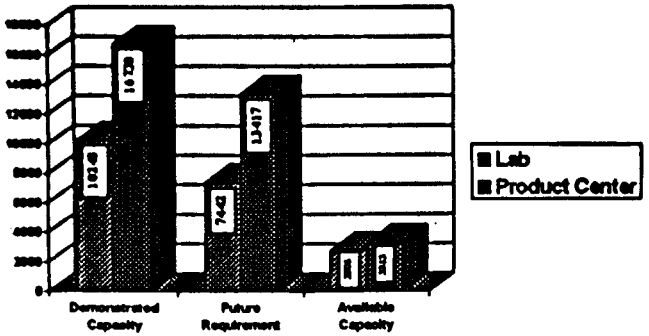


Analysis Results

Demonstrated Capacity, Future Requirements, and Available Capacity

Activity	Demonstrated Capacity	Future Requirements	Available Capacity
Aeronautical Systems Center, Wright Laboratory, Wright-Patterson AFB	[illegible]	[illegible]	[illegible]
Aeronautical Systems Center, AFFTC, Edwards Air Force Base	[illegible]	[illegible]	[illegible]
Aeronautical Systems Center, Eglin AFB	[illegible]	[illegible]	[illegible]
Armstrong Lab, Brooks AFB	[illegible]	[illegible]	[illegible]
Armstrong Lab, Kirtland AFB	[illegible]	[illegible]	[illegible]
Armstrong Lab, Tyndall AFB	[illegible]	[illegible]	[illegible]
Armstrong Lab, Wright-Patterson AFB	[illegible]	[illegible]	[illegible]
Electronic Systems Center, Hanscom AFB	[illegible]	[illegible]	[illegible]
Human Resource Center, Brooks AFB	[illegible]	[illegible]	[illegible]
Phillips Lab, Edwards AFB	[illegible]	[illegible]	[illegible]
Phillips Lab, Hanscom AFB	[illegible]	[illegible]	[illegible]
Phillips Lab, Kirtland AFB	[illegible]	[illegible]	[illegible]
Rome Lab, Hanscom AFB	[illegible]	[illegible]	[illegible]
Rome Lab, Rome (Griffiss AFB)	[illegible]	[illegible]	[illegible]
Space & Missile Center, Los Angeles AFB, Aerospace Bldg	[illegible]	[illegible]	[illegible]
Wright Lab, Eglin AFB	[illegible]	[illegible]	[illegible]
Wright Lab, Wright-Patterson AFB	[illegible]	[illegible]	[illegible]

Air Force "Lab" Capacity Summary



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Product Center

Available vs Demonstrated Capacity by Base/Installation

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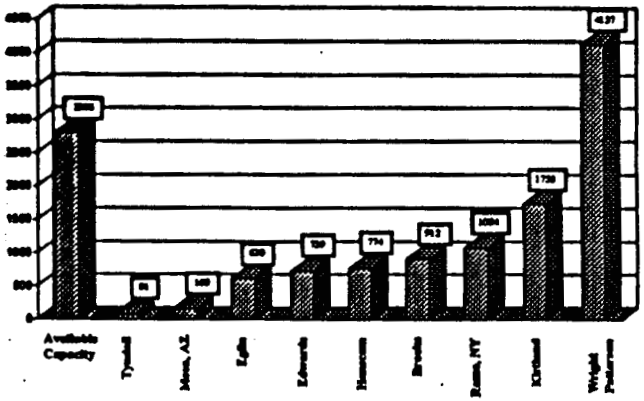
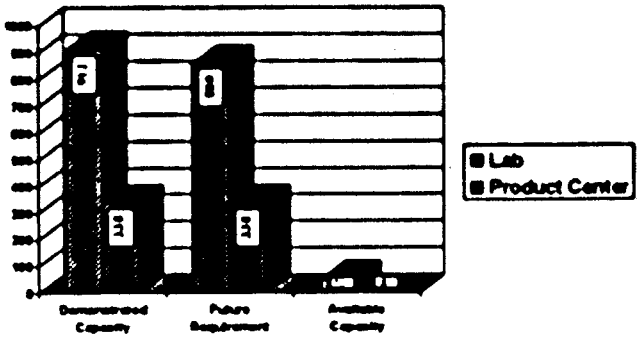
"Lab"

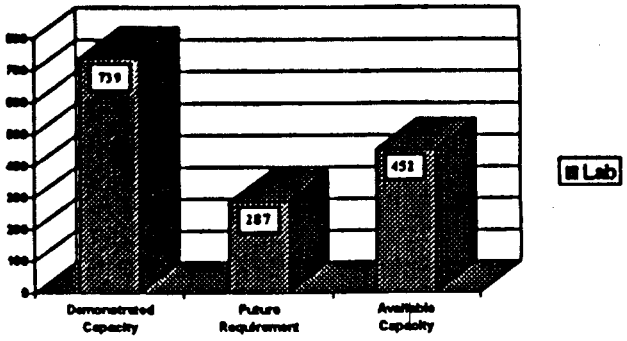
Available vs Demonstrated Capacity by Base/Installation



Brooks AFB

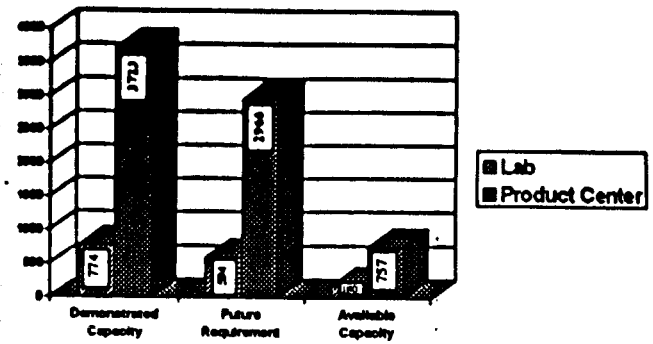


Edwards AFB

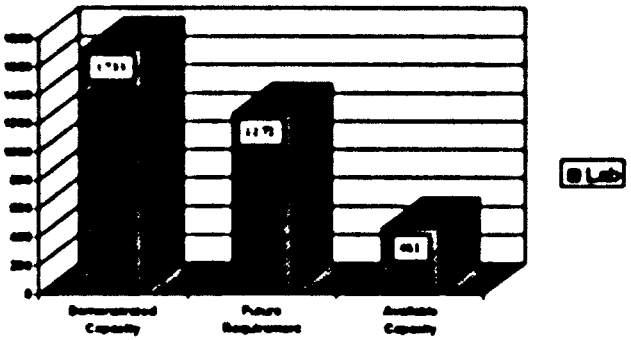


Eglin AFB

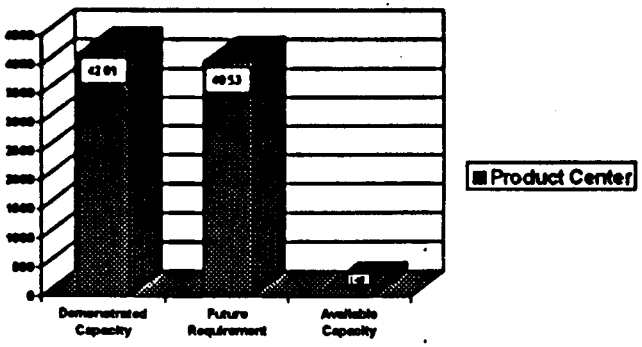
Hanscom AFB



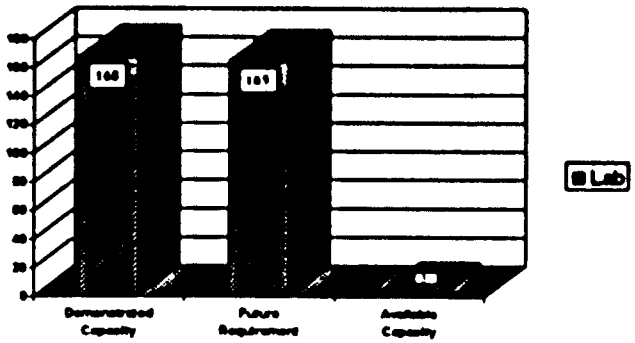
Kirtland AFB



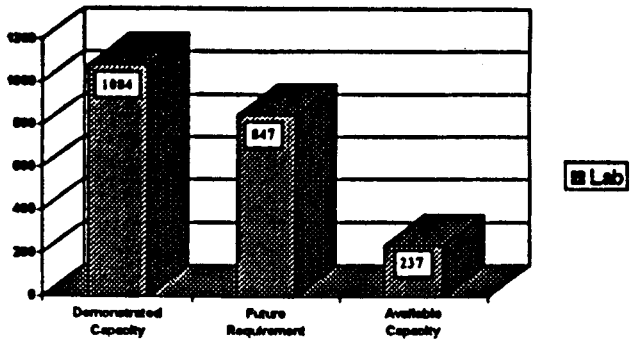
Los Angeles AFB



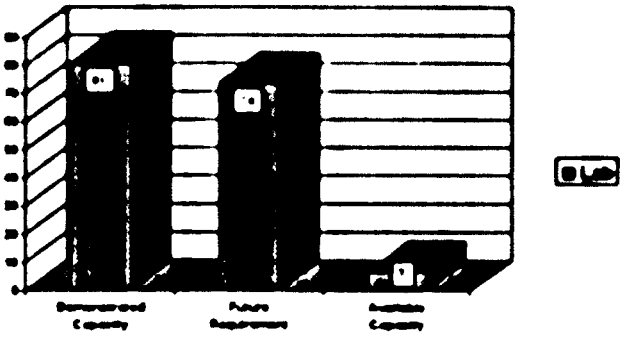
Mesa, AZ



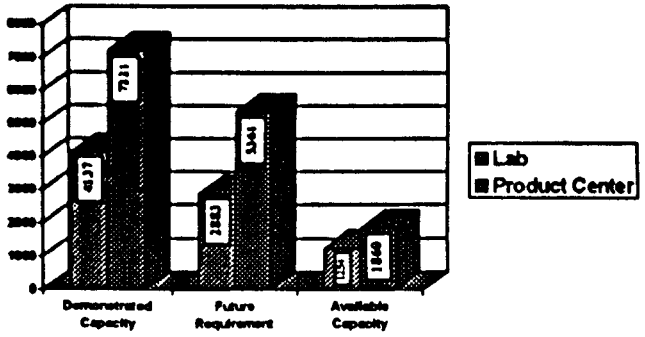
Rome, NY



Tyndall AFB



Wright-Patterson AFB



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

29 NOV 1994

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 1600 hours on 14 November 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
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

The meeting was called to order by Mr. Boatright. He described the need to tier the depot and laboratory facilities according to the functional capability portion of Criterion I, to respond to a SECAF tasking. Mr. Durante presented the slides at Atch 1 to guide the discussion of lab/product center tiering. After reviewing the grades for the lab and product center activities, the BCEG rejected the proposed tiering based on Green Minus, Yellow Plus and Yellow grades. Instead, the BCEG voted to place activities with Green Minus and Yellow Plus grades in the Top Tier, and activities with Yellow grades in the Middle Tier. The BCEG noted that this does not relate to the normal Air Force process, and is designed only to provide information to the JCSG.

Mr. Orr presented an overview of the depot activities and their Commodity, Other Factors (Cost), and Overall grades. After reviewing the grades, the BCEG voted to place the Robins and Hill depot activities in the Top Tier, Tinker and McClellan in the Middle Tier, and Kelly in the Bottom Tier.

Maj Gen Blume raised a question involving the rollup method used in labs for the overall lab grade. In rolling up the individual measures of merit, the analysts had rolled up the underlying numbers rather than using the rollup of color grades as in other areas of the Air Force analysis. After reviewing the matter, the BCEG directed the rollup be accomplished using the standard Air Force color rollup method. The previously approved tiering by grades was to be applied to any new grades resulting from this change.

There being no further matters to discuss, the meeting was adjourned at 1700. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:
- ANG Move from Baltimore to Andrews
- Move from Moffett to McClellan
- COBRA for ANG Analysis
- Analysis of ARC bases
- Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachment
Lab Tiering

Air Force Lab/Product Center ("Labs") Activities Tiering Briefing

"Lab" Criteria I Process Summary

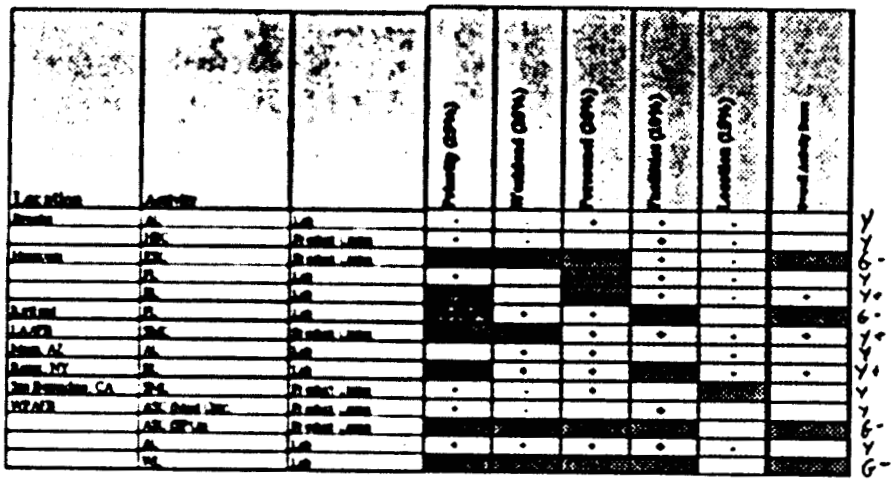
- Employed Five (5) Measures of Merit
  - 17 Submeasures
- Used BCEG Standard Storing Conventions Applied to Certified Data
- Results Summarized to Activity, Then to Installation
  - Standard BCEG Color Coding
- Inserted into Criteria I
- Accomplished for 14 "Labs" Activities
  - Labs JCSG Account For 24 Activities
  - Remaining 10 Activities Covered Under Other Base Categories

ATCH 1

Measures of Merit/Weights

- Priority — 25%
  - Budgeted
  - Need For Air Force Pre-eminence
  - Need For In-House Capability
- Workload — 25%
  - Number of Major Programs
  - Direct Funding/Other Obligation Authority
  - Work Years
- Personnel — 25%
  - Total Number/Type
  - Education/Experience
  - Quality (Patents/Papers)
- Facilities and Equipment — 10%
  - Replacement Cost
  - Land Use
- Location — 15%
  - Geographical/Climatological Features
  - Proximity to Mission Related Activities
  - Environmental Constraints
  - Special Support Infrastructure

Activity Summary Comparison



"LABS" ACTIVITIES TIERING

TIER	LABORATORY	PRODUCT CENTER
1	WL - WPAFB PL - Kirtland	ASC - WPAFB ESC - Hanscom
2	RL - Hanscom RL - Griffiss	SMC - LAAFB
3	PL - Hanscom AL - Brooks AL - Mesa AL - WPAFB	HSC - Brooks SMC - San Bernadino ASC (Mod) - WPAFB

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

23 [illegible] 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 1030 hours on 16 November 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
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
Lt Col Rodefer, AF/XOFC
Maj Johnston, AF/XOFM

The meeting was called to order by Mr. Boatright. Maj Johnston, AF/XOFM, briefed the Large Aircraft force structure realignments for the SECAF-directed closure analyses, using the slides at Atch 1. The BCEG noted that the Grand Forks option was questionable due to air quality considerations at McGuire. This will be examined more closely. The BCEG directed that the Scott C-9 aircraft be costed as moving to Kelly, with an alternative of Randolph.

When considering the Ellsworth closure scenario, the BCEG was concerned about the move to Dyess and suggested a move of some B-1 aircraft to McConnell might be considered. After considering and discussing the remaining options, the BCEG approved the briefed realignments as modified by their direction.

Lt Col Rodefer, AF/XOFC, briefed the Small Aircraft force structure realignments to implement the SECAF-directed closure analyses, using the slides at Atch 2. After reviewing the briefed options, the BCEG determined that there were a number of apparent operational concerns

that need to be carefully considered. The apparent operational concerns include overloading bases, ranges and airspace, reducing future basing and airspace flexibility to support future higher performance fighter aircraft, as well as maintaining consistency in fighter aircraft blocks which align engines and avionics. The BCEG determined they would brief the SECAF on the realignments with input from AF/XO on operational considerations, and request that the range of options for further detailed analysis be limited to those that are operationally responsible. For this purpose, the BCEG approved the realignments as briefed.

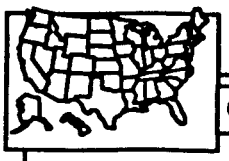
There being no further matters to discuss, the meeting was adjourned at 1305. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:
ANG Move from Baltimore to Andrews
Move from Moffett to McClellan
COBRA for ANG Analysis
Analysis of ARC bases
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments:
1. Large Aircraft realignments
2. Small Aircraft realignments



BCEG CLOSE HOLD

CRITERIA I COBRA ASSUMPTIONS

LARGE AIRCRAFT BASE FORCE STRUCTURE REALIGNMENT

MAJOR RICHARD JOHNSTON

AF/XOFM

MOBILITY FORCES DIVISION

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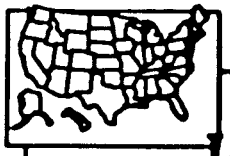

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LARGE AIRCRAFT BASE APPROVED EXCURSIONS

- THREE OPTIONS

A.	GRAND FORKS AFB	SCOTT AFB	ELLSWORTH AFB
B.	GRAND FORKS AFB	SCOTT AFB	BEALE AFB
C.	GRAND FORKS AFB	BEALE AFB	ELLSWORTH AFB

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ATCH 1

OPTION A

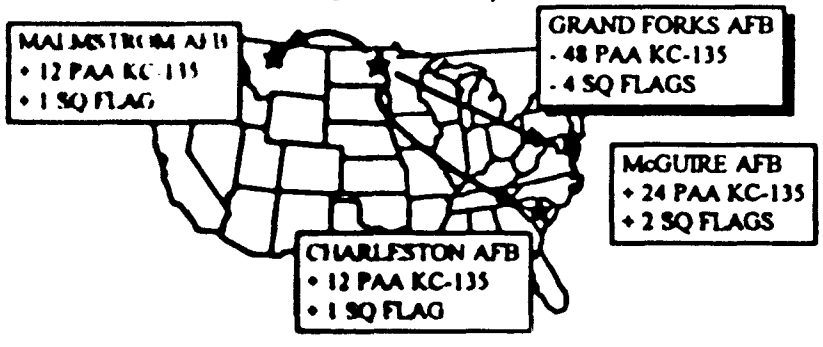
GRAND FORKS AFB

SCOTT AFB

ELLSWORTH AFB

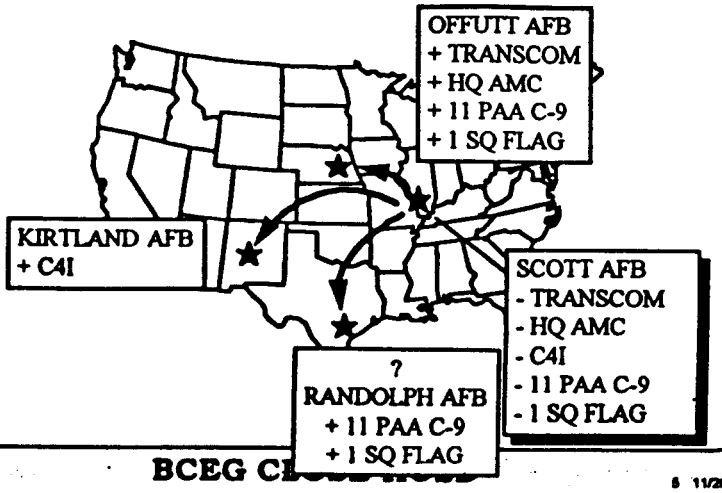
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, ND



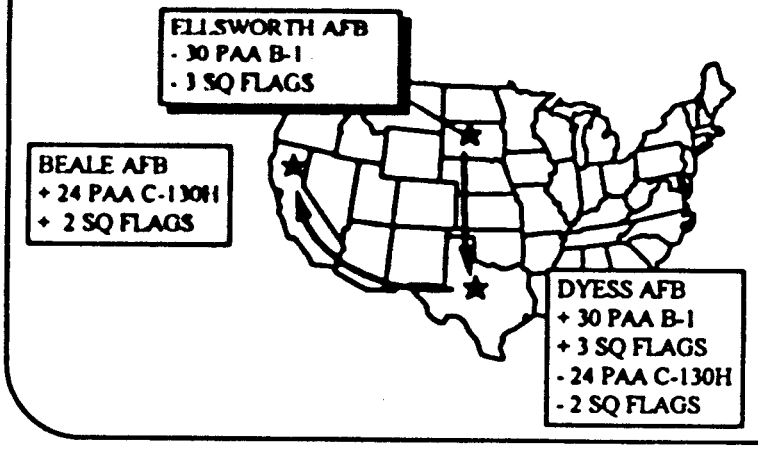
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SCOTT AFB, IL



LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

ELLSWORTH AFB, SD



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, SCOTT AFB, ELLSWORTH AFB

MALMSTROM AFB
+ 12 PAA KC-135
+ 1 SQ FLAG
12 PAA KC-135
2 SQ FLAGS

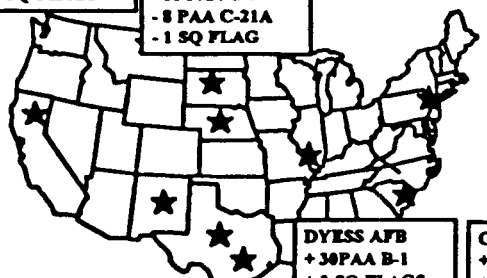
GRD FRKS AFB
- 48 PAA KC-135
- 6 PAA C-12
- 4 SQ FLAGS

SCOTT AFB
- TRANSCOM
- HQ AMC
- 11 PAA C-9
- 8 PAA C-21A
- 1 SQ FLAG

ELLSWORTH AFB
- 24 PAA B-1
- 2 SQ FLAG

MCGUIRE AFB
+ 24 PAA KC-135
+ 2 SQ FLAGS
+ 6 PAA C-12
24 PAA KC-10
19 PAA KC-135 (ANG)
3 PAA C-12
1 PAA C-26 (ANG)
6 SQ FLAGS
21 AF HQ

BEALE AFB
+ 24 PAA C-130H
+ 2 SQ FLAGS
37 PAA U-2
+ 8 PAA KC-135 (AFR) FROM MCCELLAN
4 SQ FLAGS



OFFUTT AFB
+ TRANSCOM
+ HQ AMC
3 PAA E-4
35 PAA XC-135
6 PAA C-21A
HQ US STRAT COM

KIRTLAND AFB
+ C4I

RANDOLPH AFB
+ 11 PAA C-9 ?
+ 1 SQ FLAG ?

DYESS AFB
+ 30PAA B-1
+ 3 SQ FLAGS
- 24 PAA C-130
- 2 SQ FLAGS
24 PAA B-1
4 SQ FLAGS

CHARLESTON AFB
+ 12 PAA KC-135
+ 1 SQ FLAG
24 PAA C-17
5 SQ FLAGS

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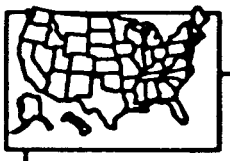

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OPTION B

GRAND FORKS AFB

SCOTT AFB

BEALE AFB

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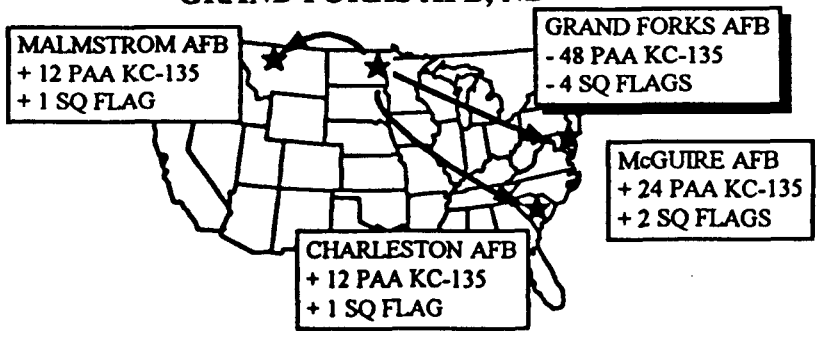
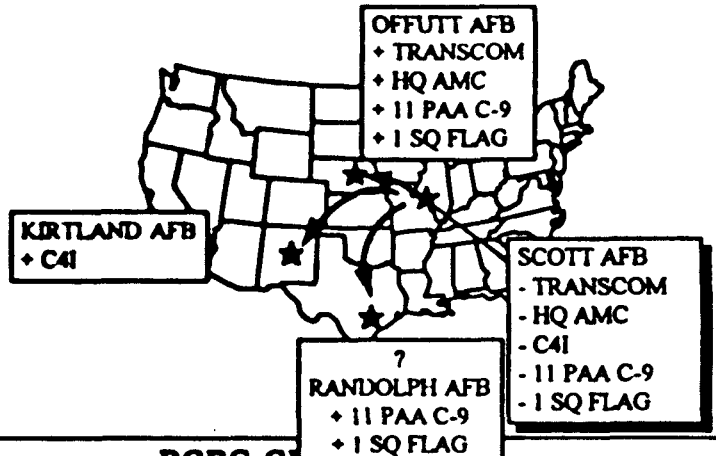
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

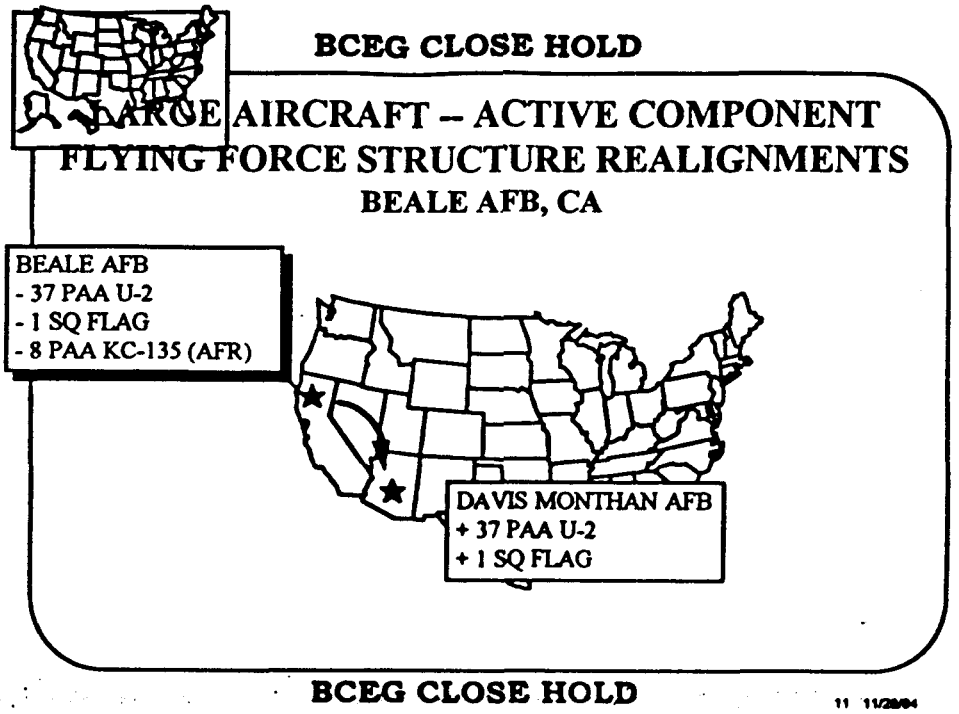
GRAND FORKS AFB, ND



LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SCOTT AFB, IL




BCEG CLOSE HOLD
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
BEALE AFB, CA
BEALE AFB
- 37 PAA U-2
- 1 SQ FLAG
- 8 PAA KC-135 (AFR)
DAVIS MONTHAN AFB
+ 37 PAA U-2
+ 1 SQ FLAG
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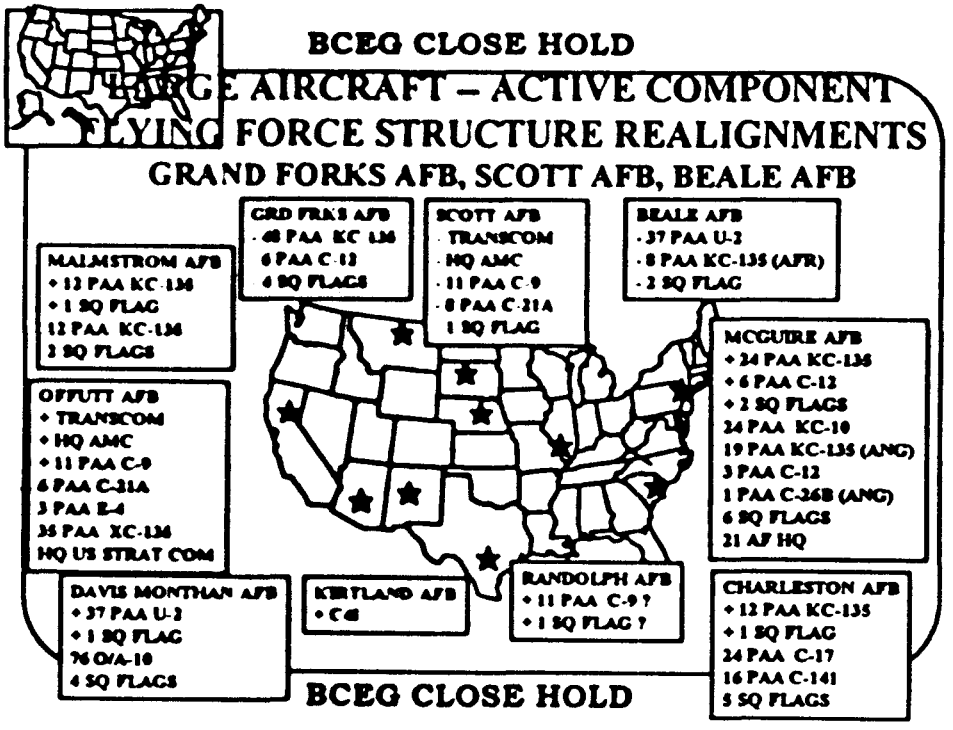
BCEG CLOSE HOLD
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
GRAND FORKS AFB, SCOTT AFB, BEALE AFB
GRD FRKS AFB
- 48 PAA KC-135
6 PAA C-12
4 SQ FLAGS
SCOTT AFB
- TRANSCOM
- HQ AMC
- 11 PAA C-9
- 8 PAA C-21A
1 SQ FLAG
BEALE AFB
- 37 PAA U-2
- 8 PAA KC-135 (AFR)
- 2 SQ FLAG
MALMSTROM AFB
+ 12 PAA KC-135
+ 1 SQ FLAG
12 PAA KC-135
2 SQ FLAGS
MCGUIRE AFB
+ 24 PAA KC-135
+ 6 PAA C-12
+ 2 SQ FLAGS
24 PAA KC-10
19 PAA KC-135 (ANG)
3 PAA C-12
1 PAA C-26B (ANG)
6 SQ FLAGS
21 AF HQ
OFFUTT AFB
+ TRANSCOM
+ HQ AMC
+ 11 PAA C-9
6 PAA C-21A
3 PAA E-4
35 PAA KC-135
HQ US STRAT COM
DAVIS MONTHAN AFB
+ 37 PAA U-2
+ 1 SQ FLAG
76 OA-10
4 SQ FLAGS
KIRTLAND AFB
+ C-6
RANDOLPH AFB
+ 11 PAA C-9 ?
+ 1 SQ FLAG ?
CHARLESTON AFB
+ 12 PAA KC-135
+ 1 SQ FLAG
24 PAA C-17
16 PAA C-141
5 SQ FLAGS
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BCEG CLOSE HOLD

OPTION C

GRAND FORKS AFB

BEALE AFB

ELLSWORTH AFB

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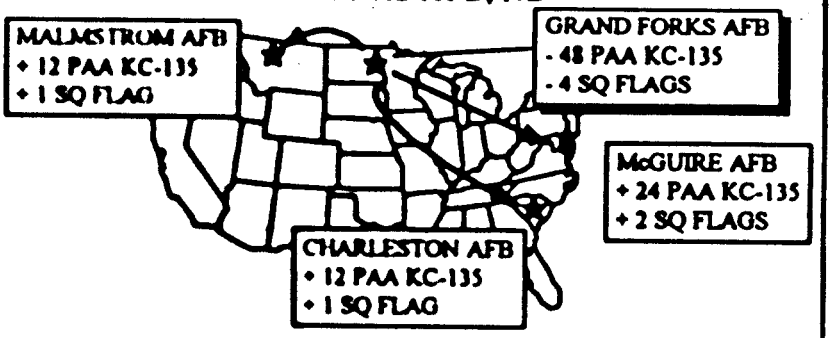
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, ND



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14. 11/28/94

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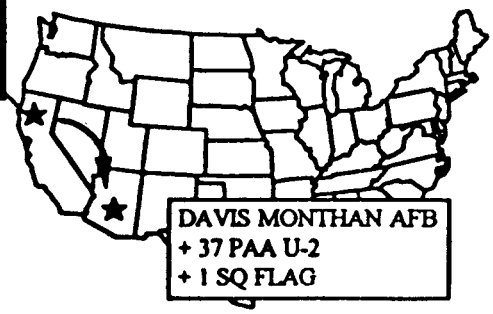
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

BEALE AFB, CA

BEALE AFB
- 37 PAA U-2
- 1 SQ FLAG
- 8 PAA KC-135 (AFR)



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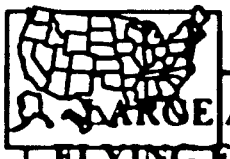

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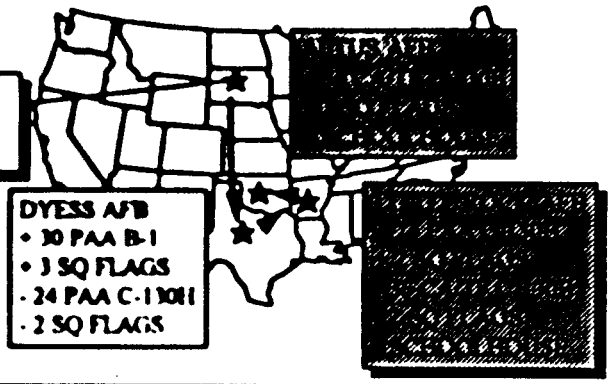
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

ELLSWORTH AFB, SD

ELLSWORTH AFB
- 24 PAA B-1
- 2 SQ FLAGS



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, BEALE AFB, ELLSWORTH AFB

GRD FRKS AFB
- 48 PAA KC-135
- 6 PAA C-12
- 4 SQ FLAGS

BEALE AFB
- 37 PAA U-2
- 1 SQ FLAG
- 8 PAA KC-135 (AFR)

ELLSWORTH AFB
- 24 PAA B-1
- 2 SQ FLAGS

MCGUIRE AFB
+ 24 PAA KC-135
+ 6 PAA C-12
+ 2 SQ FLAG
24 PAA KC-10
19 PAA KC-135 (ANG)
6 SQ FLAGS
21 AF HQ

MALMSTROM AFB
+ 12 PAA KC-135
+ 1 SQ FLAG
12 PAA KC-135
2 PAA C-12
2 SQ FLAGS

DAVIS MONTHAN AFB
+ 37 PAA U-2
+ 1 SQ FLAG
76 O/A-10
4 SQ FLAGS

LITTLE ROCK AFB
+ 24 PAA C-130H
+ 2 SQ FLAGS
- 36 CA/TF C-130 E/H
- 2 SQ FLAGS
- SCHOOLHOUSE
14 PAA C-130H
18 CA/CB C-130E
8 TF C-130E (ANG)
5 SQ FLAGS
MOODY CLOSURE:
(+ 8 PAA C-130J)
(6 SQ FLAGS)

DYESS AFB
+ 30 PAA B-1
+ 3 SQ FLAG
- 24 PAA C-130
- 2 SQ FLAGS
24 PAA B-1
4 SQ FLAGS

ALTUS AFB
+ 36 CA/TF C-130E
+ 2 SQ FLAGS
6 PAA C-17,
6 PAA C-5
6 PAA C-141
24 PAA KC-135
6 SQ FLAGS

CHARLESTON AFB
+ 12 PAA KC-135
+ 1 SQ FLAG
24 PAA C-17
16 PAA C-141
5 SQ FLAGS

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LARGE AIRCRAFT ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

RECOMMEND BCEG ACCEPT REALIGNMENTS

BCEG CLOSE HOLD

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COBRA ASSUMPTIONS

SMALL AIRCRAFT BASES

COBRA EXCURSIONS

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SEVEN OPTIONS REVIEWED:

- MOODY AFB, CANNON AFB – DOUBLE CLOSURE
- MOODY AFB, HOLLOMAN AFB – DOUBLE CLOSURE
- SEYMOUR-JOHNSON AFB, CANNON AFB – DOUBLE CLOSURE
- SEYMOUR-J AFB, HOLLOMAN AFB – DOUBLE CLOSURE
- MOODY AFB – SINGLE CLOSURE
- CANNON AFB – SINGLE CLOSURE
- HOLLOMAN AFB – SINGLE CLOSURE

ATCH 2

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COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION ONE

MOODY AFB, CANNON AFB – DOUBLE CLOSURE

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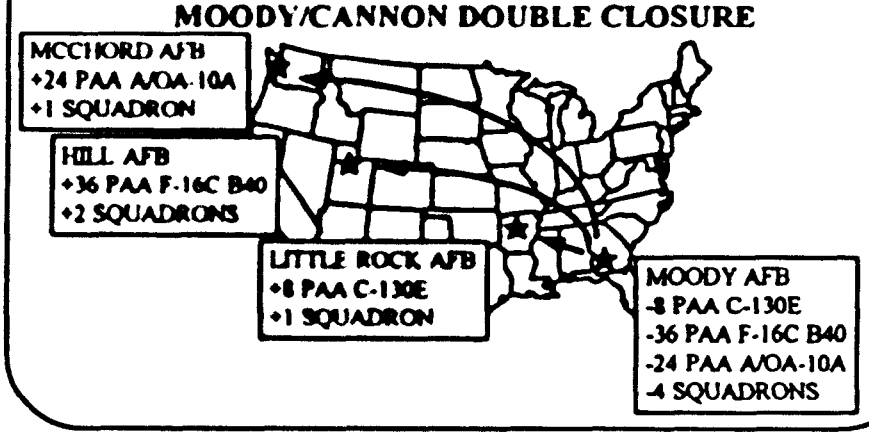
COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MOODY/CANNON DOUBLE CLOSURE



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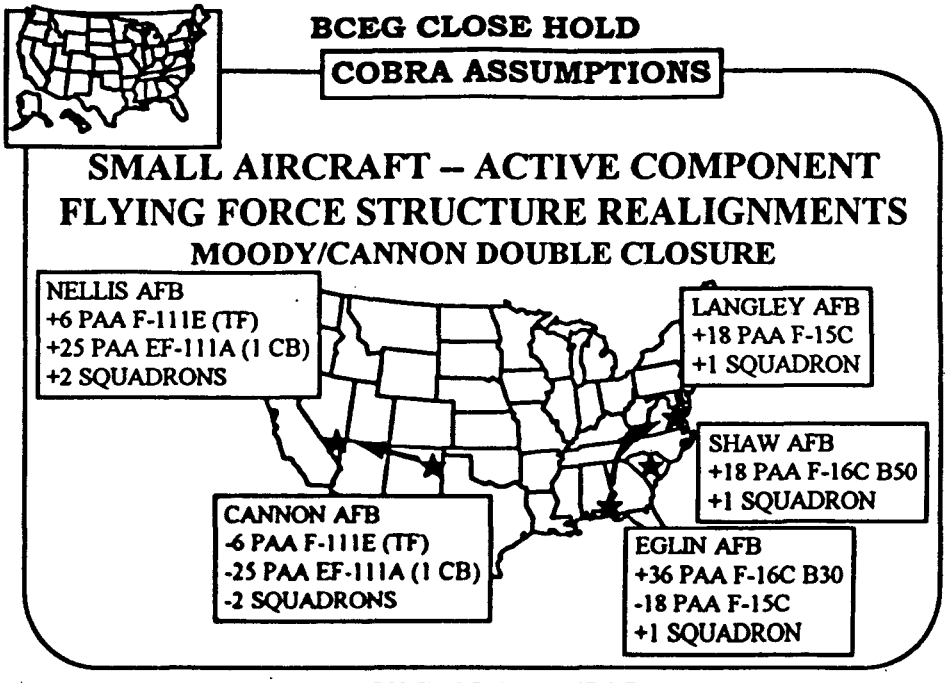
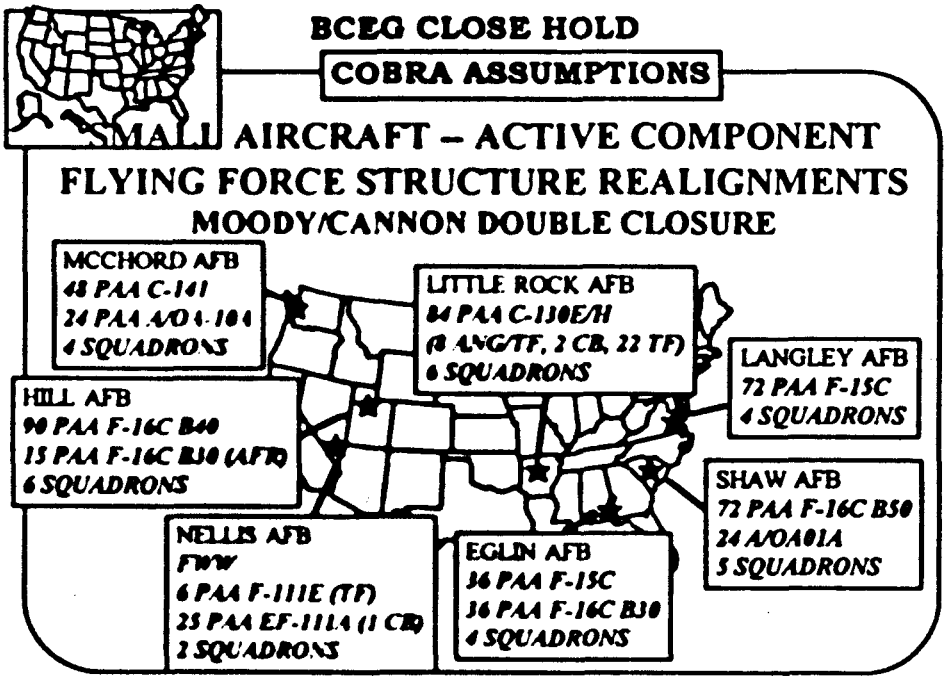

BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
MOODY/CANNON DOUBLE CLOSURE
NELLIS AFB
+6 PAA F-111E (TF)
+25 PAA EF-111A (1 CB)
+2 SQUADRONS
LANGLEY AFB
+18 PAA F-15C
+1 SQUADRON
SHAW AFB
+18 PAA F-16C B50
+1 SQUADRON
CANNON AFB
-6 PAA F-111E (TF)
-25 PAA EF-111A (1 CB)
-2 SQUADRONS
EGLIN AFB
+36 PAA F-16C B30
-18 PAA F-15C
+1 SQUADRON
BCEG CLOSE HOLD


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
MOODY/CANNON DOUBLE CLOSURE
MCCHORD AFB
48 PAA C-141
24 PAA A/OA-10A
4 SQUADRONS
LITTLE ROCK AFB
84 PAA C-130E/H
(8 ANG/TF, 2 CB, 22 TF)
6 SQUADRONS
LANGLEY AFB
72 PAA F-15C
4 SQUADRONS
HILL AFB
90 PAA F-16C B40
15 PAA F-16C B30 (AFR)
6 SQUADRONS
SHAW AFB
72 PAA F-16C B50
24 A/OA01A
5 SQUADRONS
NELLIS AFB
FWW
6 PAA F-111E (TF)
25 PAA EF-111A (1 CB)
2 SQUADRONS
EGLIN AFB
36 PAA F-15C
36 PAA F-16C B30
4 SQUADRONS
BCEG CLOSE HOLD

BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION TWO

MOODY AFB, HOLLOMAN AFB -- DOUBLE CLOSURE

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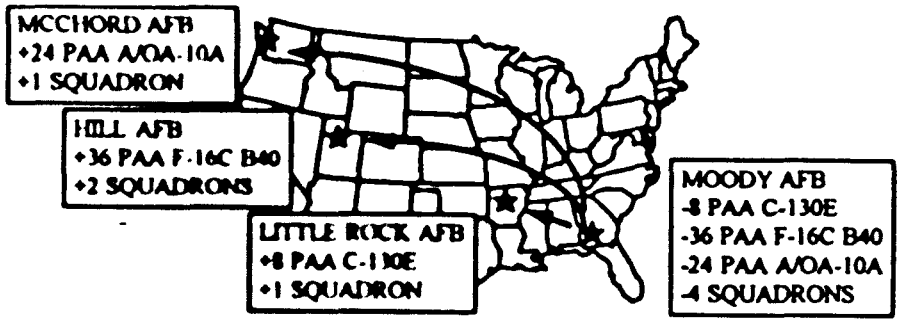
COBRA ASSUMPTIONS

SMALL AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MOODY/HOLLOMAN DOUBLE CLOSURE



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BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MOODY/HOLLOMAN DOUBLE CLOSURE

NELLIS AFB
+46 PAA F-117A (9 TF, 1 CB)
+5 PAA HH-60G
+12 PAA T-38A
+3 SQUADRONS

HOLLOMAN AFB
-18 PAA F-4E (GAF)
-TORNADO DET (GAF)
-46 PAA F-117A (9 TF, 1 CB)
-5 PAA HH-60G
-12 PAA T-38A
-6 SQUADRONS

CANNON AFB
+18 PAA F-4E (GAF)
+TORNADO DET (GAF)
+3 SQUADRONS

SHAW AFB
+18 PAA F-16C B50
+1 SQUADRON

BCEG CLOSE HOLD

9 11/28/94

BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MOODY/HOLLOMAN DOUBLE CLOSURE

MCCHORD AFB
48 PAA C-141
24 PAA A/OA-10A
4 SQUADRONS

HILL AFB
90 PAA F-16C B40
15 PAA F-16C B30 (AFR)
6 SQUADRONS

CANNON AFB
36 PAA F-16C B30
6 PAA F-111E (TF)
23 PAA EF-111A (1 CB)
18 PAA F-4E (GAF)
TORNADO DET (GAF)
7 SQUADRONS

SHAW AFB
72 PAA F-16C B50
24 PAA A/OA-10A
5 SQUADRONS

NELLIS AFB
FWW
46 PAA F-117 (9 TF, 1 CB)
8 PAA HH-60G
12 T-38A
3 SQUADRONS

LITTLE ROCK AFB
84 PAA C-130E/H
(8 ANG/TF, 2 CB, 22 TF)
6 SQUADRONS

BCEG CLOSE HOLD

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COBRA ASSUMPTIONS

SMALL AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

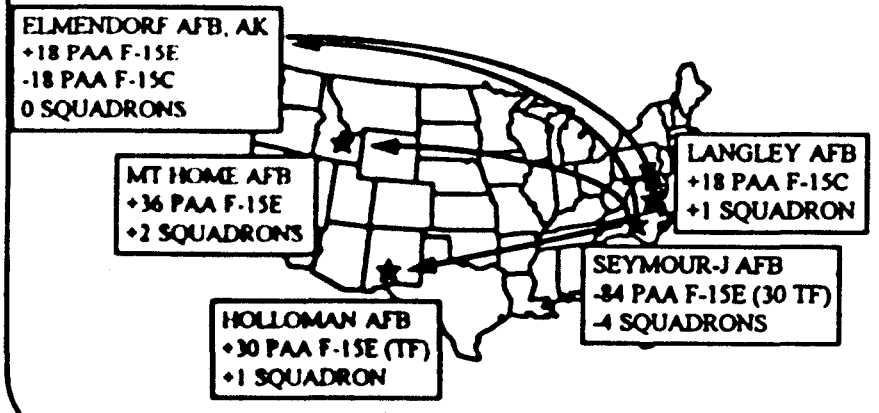
OPTION THREE

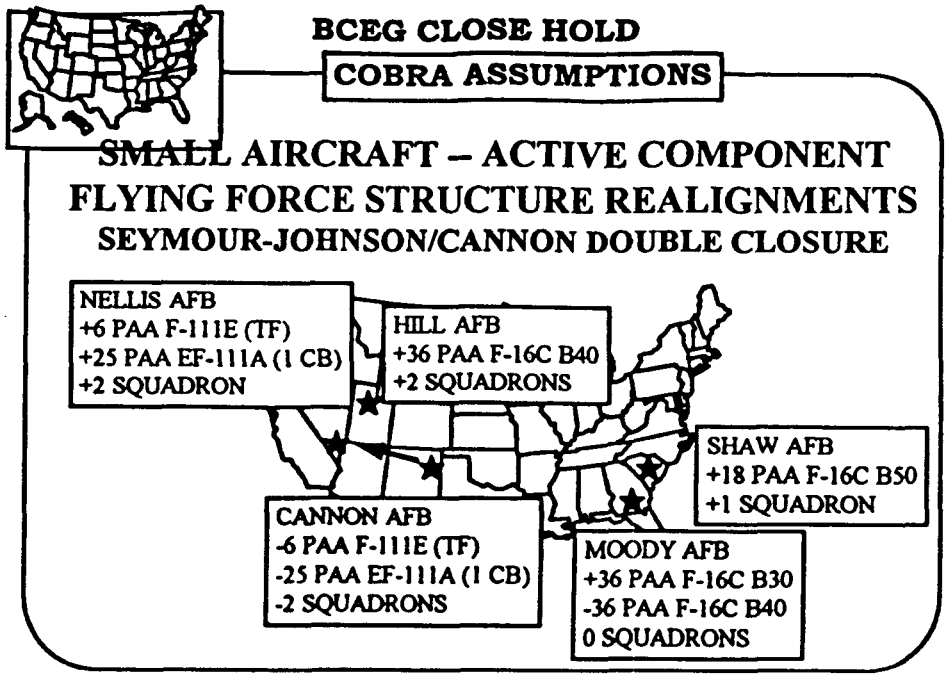
SEYMOUR-JOHNSON AFB, CANNON AFB -- DOUBLE CLOSURE

COBRA ASSUMPTIONS

SMALL AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SEYMOUR-JOHNSON/CANNON DOUBLE CLOSURE




BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SEYMOUR-JOHNSON/CANNON DOUBLE CLOSURE
NELLIS AFB
+6 PAA F-111E (TF)
+25 PAA EF-111A (1 CB)
+2 SQUADRON
HILL AFB
+36 PAA F-16C B40
+2 SQUADRONS
SHAW AFB
+18 PAA F-16C B50
+1 SQUADRON
CANNON AFB
-6 PAA F-111E (TF)
-25 PAA EF-111A (1 CB)
-2 SQUADRONS
MOODY AFB
+36 PAA F-16C B30
-36 PAA F-16C B40
0 SQUADRONS
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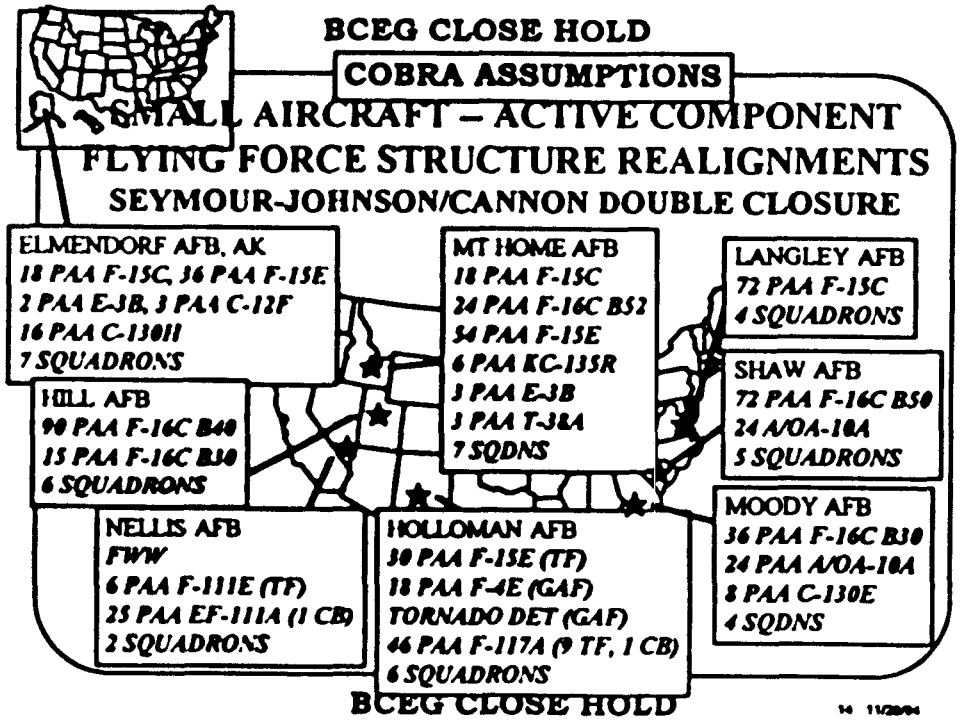
BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SEYMOUR-JOHNSON/CANNON DOUBLE CLOSURE
ELMENDORF AFB, AK
18 PAA F-15C, 36 PAA F-15E
2 PAA E-3B, 3 PAA C-12F
16 PAA C-130H
7 SQUADRONS
MT HOME AFB
18 PAA F-15C
24 PAA F-16C B52
54 PAA F-15E
6 PAA KC-135R
3 PAA E-3B
3 PAA T-38A
7 SQDNS
LANGLEY AFB
72 PAA F-15C
4 SQUADRONS
SHAW AFB
72 PAA F-16C B50
24 A/OA-10A
5 SQUADRONS
HILL AFB
90 PAA F-16C B40
15 PAA F-16C B30
6 SQUADRONS
NELLIS AFB
FWW
6 PAA F-111E (TF)
25 PAA EF-111A (1 CB)
2 SQUADRONS
HOLLOMAN AFB
30 PAA F-15E (TF)
18 PAA F-4E (GAF)
TORNADO DET (GAF)
46 PAA F-117A (9 TF, 1 CB)
6 SQUADRONS
MOODY AFB
36 PAA F-16C B30
24 PAA A/OA-10A
8 PAA C-130E
4 SQDNS
BCEG CLOSE HOLD
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COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

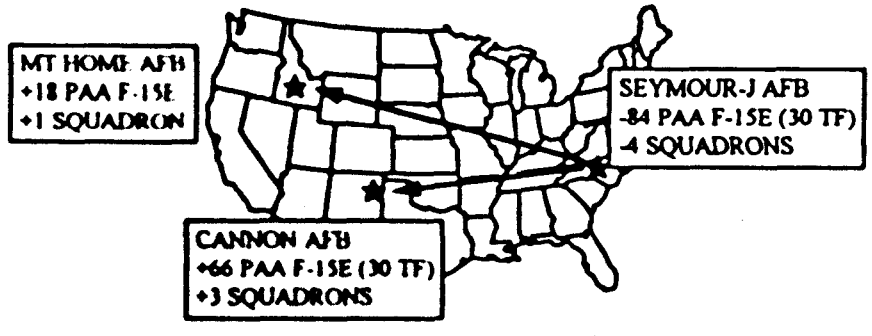
OPTION FOUR

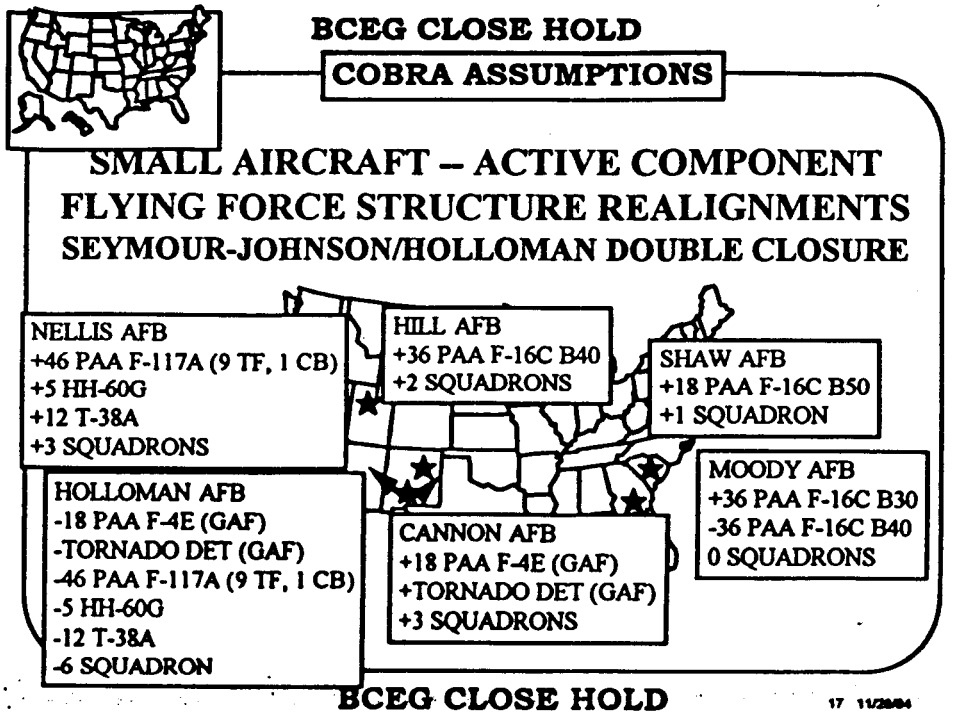
SEYMOUR-JOHNSON AFB, HOLLOMAN AFB – DOUBLE CLOSURE

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SEYMOUR-JOHNSON/HOLLOMAN DOUBLE CLOSURE




BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SEYMOUR-JOHNSON/HOLLOMAN DOUBLE CLOSURE
NELLIS AFB
+46 PAA F-117A (9 TF, 1 CB)
+5 HH-60G
+12 T-38A
+3 SQUADRONS
HILL AFB
+36 PAA F-16C B40
+2 SQUADRONS
SHAW AFB
+18 PAA F-16C B50
+1 SQUADRON
MOODY AFB
+36 PAA F-16C B30
-36 PAA F-16C B40
0 SQUADRONS
HOLLOMAN AFB
-18 PAA F-4E (GAF)
-TORNADO DET (GAF)
-46 PAA F-117A (9 TF, 1 CB)
-5 HH-60G
-12 T-38A
-6 SQUADRON
CANNON AFB
+18 PAA F-4E (GAF)
+TORNADO DET (GAF)
+3 SQUADRONS
BCEG CLOSE HOLD
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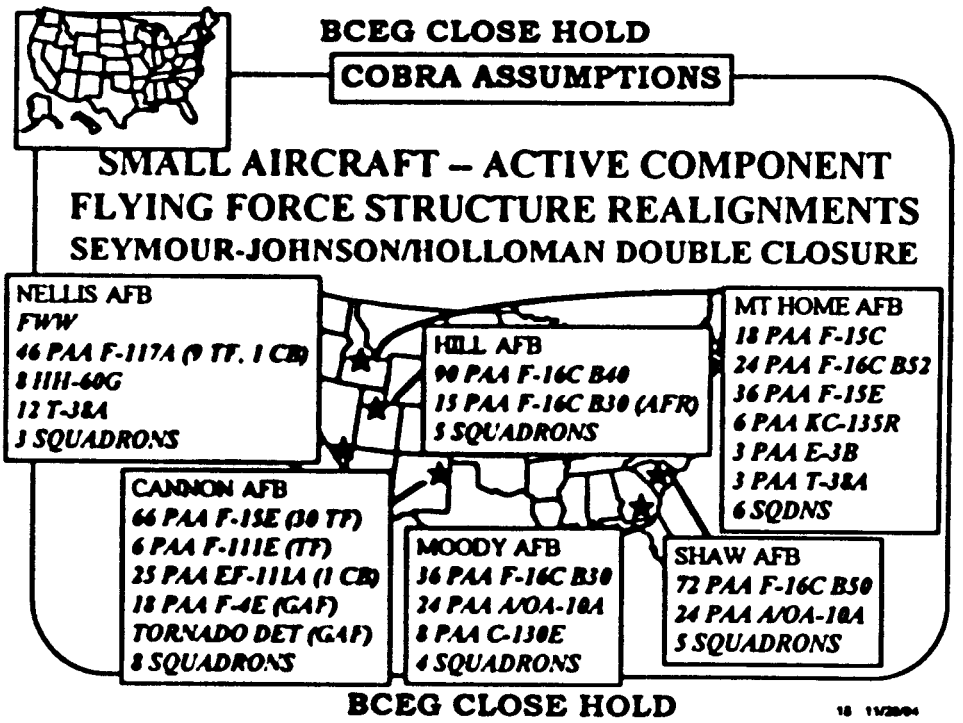

BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SEYMOUR-JOHNSON/HOLLOMAN DOUBLE CLOSURE
NELLIS AFB
FWW
46 PAA F-117A (9 TF, 1 CB)
8 HH-60G
12 T-38A
3 SQUADRONS
HILL AFB
90 PAA F-16C B40
15 PAA F-16C B30 (AFR)
5 SQUADRONS
MT HOME AFB
18 PAA F-15C
24 PAA F-16C B52
36 PAA F-15E
6 PAA KC-135R
3 PAA E-3B
3 PAA T-38A
6 SQDNS
CANNON AFB
66 PAA F-15E (30 TF)
6 PAA F-111E (TF)
25 PAA EF-111A (1 CB)
18 PAA F-4E (GAF)
TORNADO DET (GAF)
8 SQUADRONS
MOODY AFB
36 PAA F-16C B30
24 PAA A/OA-10A
8 PAA C-130E
4 SQUADRONS
SHAW AFB
72 PAA F-16C B50
24 PAA A/OA-10A
5 SQUADRONS
BCEG CLOSE HOLD
18 11/28/94

BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION FIVE

MOODY AFB – SINGLE CLOSURE

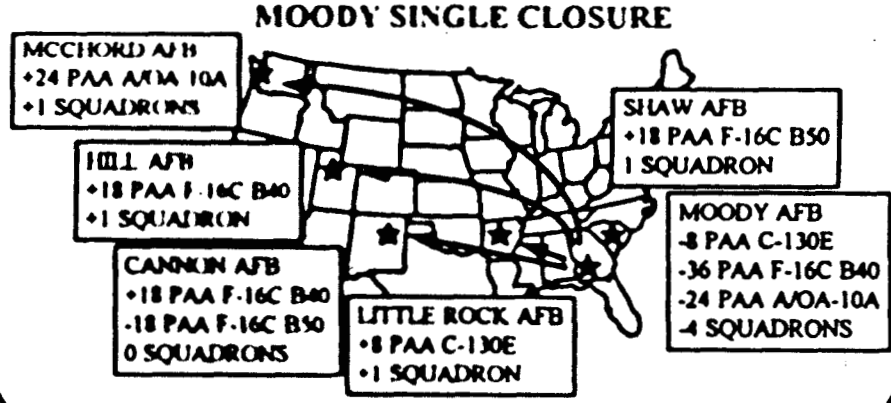
BCEG CLOSE HOLD

BCEG CLOSE HOLD

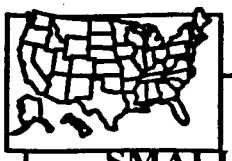
COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MOODY SINGLE CLOSURE



BCEG CLOSE HOLD

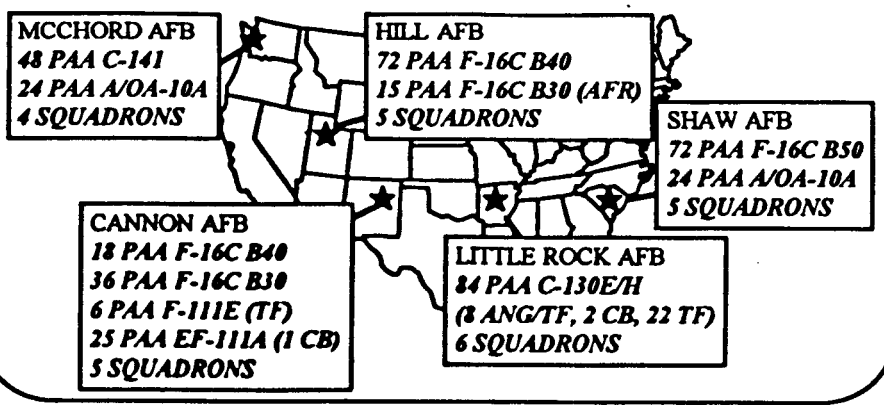


BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MOODY SINGLE CLOSURE



BCEG CLOSE HOLD

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BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION SIX

CANNON AFB – SINGLE CLOSURE

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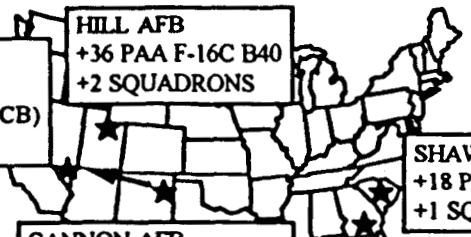
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

CANNON SINGLE CLOSURE



NELLIS AFB
+6 PAA F-111E (TF)
+25 PAA EF-111A (1 CB)
+2 SQUADRONS

HILL AFB
+36 PAA F-16C B40
+2 SQUADRONS

SHAW AFB
+18 PAA F-16C B50
+1 SQUADRON

CANNON AFB
-6 PAA F-111E (TF)
-25 PAA EF-111A (1 CB)
-2 SQUADRONS

MOODY AFB
+36 PAA F-16C B30
-36 PAA F-16CB40
0 SQUADRONS

BCEG CLOSE HOLD

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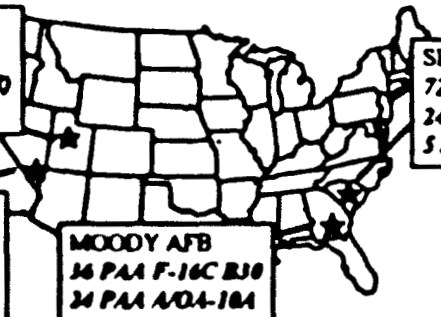
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

CANNON SINGLE CLOSURE



HILL AFB
90 F-16C B40
15 PAA F-16C B30 AFRC
6 SQUADRONS

SHAW AFB
72 PAA F-16C B50
24 PAA A/OA-10A
5 SQUADRONS

NELLIS AFB
FWW
6 PAA F-111E (TF)
25 PAA EF-111A (1 CB)
2 SQUADRONS

MOODY AFB
36 PAA F-16C B30
24 PAA A/OA-10A
8 PAA C-130E
4 SQUADRONS

BCEG CLOSE HOLD

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BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION SEVEN

HOLLOMAN AFB -- SINGLE CLOSURE

BCEG CLOSE HOLD

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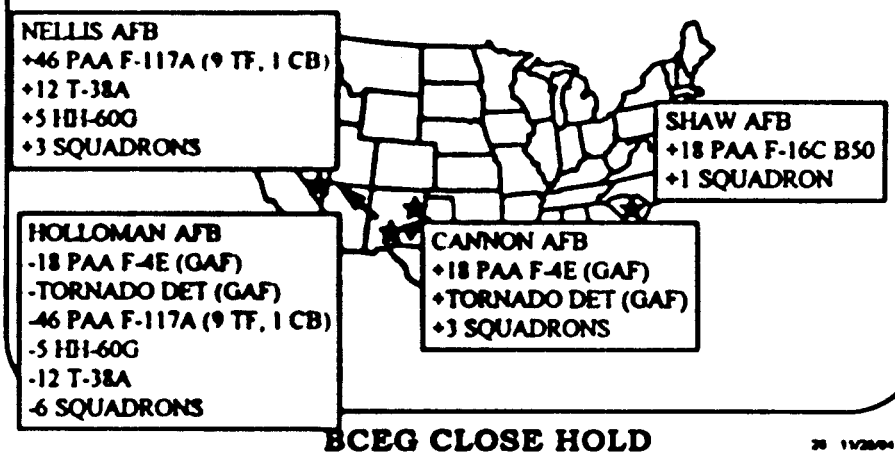
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

HOLLOMAN SINGLE CLOSURE



BCEG CLOSE HOLD

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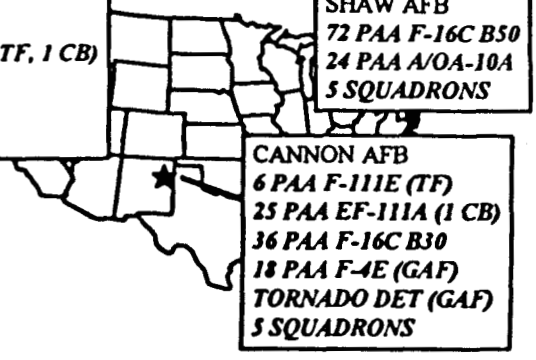
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

HOLLOMAN SINGLE CLOSURE



BCEG CLOSE HOLD

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BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT BASES COBRA EXCURSIONS

** *RECOMMENDATION* **

BCEG APPROVE RECOMMENDED BASING FOR COBRA EXCURSIONS

BCEG CLOSE HOLD

28 11/28/94

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 15 November 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
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
Maj Richardson, AF/RE
Maj Linsenmeyer, AF/RE

The meeting was called to order by Mr. Boatright. He provided an overview of the meeting with the SECAF. On November 10, 1994, the SECAF received a briefing on the JCSG processes, and the tiering for Depots, Labs, T&E, UFT, Large Aircraft and Small Aircraft Subcategories. The SECAF approved the transmission of tiering of depots and labs by installation and functional capability, and UFT and T&E by installation merit only. The SECAF also approved a change to the Space categorization. Space was divided into two subcategories; Satellite Control, including Onizuka AFB and Falcon AFB, and Space Support, including Peterson AFB, Vandenberg AFB, and Patrick AFB. the SECAF also determined that the Space Support subcategory had no excess capacity, and excluded it from further analysis.

After reviewing the Large Aircraft grades and tiering, the SECAF directed that Beale AFB be considered for closure, individually and in combination, together with the three bases in the lowest tier. Although there were other bases in the second tier along with Beale AFB, those bases were not considered good candidates for further analysis. Malmstrom AFB and Minot AFB were also in the middle tier, and their missile fields required follow-on analysis for closure only in the event Grand Forks was retained. McGuire AFB was not analyzed for closure because it serves as the only east coast Air Mobility Wing, and thus is unique within the middle tier bases. Considerable operational and financial costs would be incurred by disrupting the location of this wing, and there was no more suitable location for the east coast mobility wing. Offutt AFB supports headquarters and communications for Strategic Command forces. Duplication of those resources would require considerable expense and potential interruption of those essential national capabilities.

The SECAF then reviewed the Small Aircraft bases. AF/RT first discussed the issue of supersonic overland training airspace, which was raised by AF/XO in the meeting of November 4, 1994. In his estimation, future force structure may require additional supersonic training areas. Although supersonic ranges exist over water, there is a significant difference in training over land versus water, involving electronic emissions, background noise, and terrain masking. The only reasonable prospects for gaining additional supersonic airspace over land, which would be difficult to achieve in any event, are in the sparsely populated areas of the western United States.

AF/RT reported that, after being briefed on this issue, the BCEG believed that the airspace requirements for small aircraft were adequately captured in the Criterion I analysis. It was noted, however, that closure of both Cannon and Holloman AFB, both lower tier bases, would eliminate access to common airspace, and that this factor should be considered. Because of the need for access to western airspace, closure of both Cannon and Holloman was deemed inadvisable. One solution was to examine a nominal middle tier base from the east coast. The SECAF directed that further detailed analysis be conducted for the following bases, individually or in combination:

Moody
Cannon
Holloman
Cannon - Moody
Cannon - Seymour Johnson
Holloman - Moody
Holloman - Seymour Johnson

Maj Linsenmeyer and Maj Richardson, AF/RE, presented a proposal for goalposts and weights for evaluation of the Reserve subcategory, using the slides at Atch 1. After discussion, the BCEG directed a number of modifications to the briefed subelements and measures of merit. Under Criterion I, the Unit Participation subelement was removed because too many factors unrelated to installation effectiveness affected the ability of unit personnel to serve extra days.

Under the proposed Criterion VII, Personnel Distribution was removed and placed under Criterion II at 10 percent weighting, replacing the active duty Military Family Housing subelement. In addition, Response Time was removed from the Personnel Distribution subelement, with 60 percent weighting for Billeting Requirements, and 40 percent weighting to Commercial Billeting. In addition, Unit Retention and Personnel Turnover were removed as a

subelement of Recruiting because factors other than community support affect this issue. The relative weighting will remain the same on the other subelements. With the noted changes, the BCEG approved the subelements, measures of merit, and weighting.

Mr. Mleziva briefed an overview of a proposed process for examining the Lab JCSG alternatives, with an example of the JCSG product, using the slides at Atch 2. The BCEG noted that the proposed process included a policy area, development of a common support function strategy, which is outside the responsibilities of the BCEG. The development of such a strategy is a functional management responsibility which needs to be addressed by Air Force leadership with the results being provided to the BCEG. The BCEG responsibility is to analyze alternatives submitted by the LJCSG which result from LJCSG analysis.

There being no further matters to discuss, the meeting was adjourned at 1310. The next BCEG meeting will be at the call of the Co-Chairmen.

OPEN ITEMS:
ANG Move from Baltimore to Andrews
Move from Moffett to McClellan
COBRA for ANG Analysis
Analysis of ARC bases
Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. AFRES Subelements
2. Lab JCSG Process

ARC CATEGORY SUB-ELEMENT WEIGHTS

AIR NATIONAL GUARD

AIR FORCE RESERVE

ATCH

ARC UNIQUE DATA AND GOAL POST

- Section IX Questions
  - Section IX Grouped ARC Unique Criteria I-VIII Questions for Base Questionnaire
  - Criteria Were Approved by BCEG With The Overall Questionnaire
- ARC Data Call #1
  - Goal Post Awaiting BCEG Approval

AIR FORCE BCEG ARC ANALYSIS

CRITERION I PROPOSED WEIGHTS

- **OPERATIONAL EFFECTIVENESS 70%**
  - BOS INTEGRATION (20% / 14%)
  - ARC OPERATIONS (80% / 56%)
- **ASSOCIATED AIRSPACE 20%**
  - EXISTING (67% / 0.13%)
    - MOA/RANGES (67% / 0.09)
    - VR/IR Rtes (33% / 0.02)
  - FUTURE (33% / 0.07%)
    - MOA/RANGES (67% / 0.09)
    - VR/IR Rtes (33% / 0.02)
- **RUNWAY TAXIWAY APRON 10%**
  - FIGHTER MISSION (25% / 0.03%)
  - BOMBER MISSION (25% / 0.03%)
  - TANKER MISSION (25% / 0.03%)
  - AIRLIFT MISSION (25% / 0.03%)

LEGEND
(SUB ELEMENT WT % / OVERALL WT %)

AIR FORCE BCEG ARC ANALYSIS

CRITERIA I SUB-ELEMENTS (CONT)

OPERATIONAL EFFECTIVENESS

- BOS INTEGRATION (20% /14%)
  - POL (20% / 2.8%)
  - SECURITY (20% / 2.8%)
  - BASE SUPPLY (20% / 2.8%)
  - TOWER/ATC (20% / 2.8%)
  - BASE CE (20% / 2.8%)
- ARC OPERATIONS (80% / 56%)
  - UNIT PARTICIPATION (25% / 14%)
  - GENERIC OP SPT (75% / 42%)
    - FIGHTER
    - TANKER
    - AIRLIFT
    - BOMBER (0%)

Primary Mission (70% / 29.4%)

Other Two (15% / 6.3%) Each

LEGEND
(SUB ELEMENT WT % / OVERALL WT %)

BCEG CLOSE HOLD

AIR FORCE BCEG ARC ANALYSIS

CRITERIA I SUB-ELEMENTS (CONT)

ARC OPERATIONS (80% / 56%)

LEGEND
(SUB ELEMENT WT % / OVERALL WT %)

- UNIT PARTICIPATION (25% / 14%)
- GENERIC OP SPT (75% / 42%)
  - FIGHTER
  - TANKER
  - AIRLIFT
  - BOMBER (0%)

Primary Mission (70% / 29.4%)

Other Two (15% / 6.3%) Each

BCEG CLOSE HOLD

AIR FORCE BCEG ARC ANALYSIS

CRITERIA I SUB-ELEMENTS (CONT)

GENERIC OP SPT (75% / 42%)

- **FIGHTER**
  - Supersonic ACBT MOAs (15%/ 4.4% / 1%)
  - Other ACBT MOA's & Areas (15%/ 4.4% / 1%)
  - Low Alt MOAs (15% / 4.4% / 1%)
  - Scorable Range Complexes (15% / 4.4% / 1%)
  - EC Range W/in 250 MI (8%/ 2.4% / 0.5%)
  - GND Forcess/TAC Acft Employ (8% / 2.4% / 0.5%)
  - ACMI (8%/ 2.4% / 0.5%)
  - FSWD (8%/ 2.4% / 0.5%)
  - # of VR/IR Routes (8%/ 2.4% / 0.5%)
- **TANKER**
  - Refueling Events W/in 700 M (33%/ 9.7% / 2%)
  - Tanker Saturation (33%/ 9.7% / 2%)
  - Distance to Concentrated Rcvr (33%/ 9.7% / 2%)
- **AIRLIFT**
  - DZs (Form/day/heavy equpt) (25%/ 7.3% / 1.6%)
  - Airdrop Employment Requirements (25%/ 7.3% / 1.6%)
  - Full Scale Airdrop Availability (25%/ 7.3% / 1.6%)
  - # of VR/IR Routes (25%/ 7.3% / 1.6%)
  - Air refueling Routes (0%)
- **BOMBER (0%)**

LEGEND
(SUB ELEMENT WT % / OVERALL WT %)
(As Primary Then Other)

BCEG CLOSE HOLD

CRITERIA II PROPOSED WEIGHTS AF/CEP and AF/CEVP

- Same as the Operations Large and Small Sub-Categories
- Except, the Below Criteria II Sub-Elements will be N/A and treated as Null Values:
  - Facility Military Family Housing — N/A (Null)
    - » AFRES Installations do not have MFH
  - Encroachment, Existing Local Community — N/A (Null)
    - » Many AFRES Installations Lack AICUZ Data
  - Encroachment, Future Local Community — N/A (Null)
    - » Many AFRES Installations Lack AICUZ Data

CRITERIA III PROPOSED WEIGHTS AF/LGMM

- Same as the Operations Large and Small Sub-Categories
- BCEG Reviewed and Approved the Grades When Grading All the AF Installations in Aug and Sept

BCEG CLOSE HOLD

CRITERIA IV/V PROPOSED WEIGHTS AF/RTR

- Same as the Operations Large and Small Sub-Categories
- Except:
  - BRACal Model Factors Adjusted for ARC Limitations
    - » Sq PAA Size (AFR 15 PAA and ANG 12 PAA)
    - » No Military Family Housing
    - » No Dormitory and Dining Facilities
  - COBRA Model Adjusted for ARC
    - » ARTs as DoD Civilians
    - » Drill Authorizations not Counted
    - » Recruiting & Retraining Added as Onetime Cost

CRITERIA VI PROPOSED WEIGHTS AF/CEVP

- Same as the Other Categories Criteria and Weights
- Except the AF/CEVP Model Count
  - Drill Authorizations are not counted as per DoD direction
  - ARTs as DoD Civilians
  - ART Drill Positions are Not Counted

BCEG CLOSE HOLD

AIR FORCE BCEG ARC ANALYSIS

CRITERIA VII PROPOSED WEIGHTS AF/RTR

- Disregard the Other Category Criteria and Weights
- <u>Use</u>:

PERSONNEL DISTRIBUTION (50%)

- RESPONSE TIME (40% / 20%)
- BILLETING REQUIREMENTS (40% / 20%)
- COMMERCIAL BILLETING (20% / 10%)

RECRUITING (50%)

- % OF RECRUITABLE AGE (10% / 5%)
- RECRUITING AREA POPULATION (10% / 5%)
- PERSONNEL TURNOVER (10% / 5%)
- OTHER LOCAL ARC UNITS (10% / 5%)
- POP/# OF ARC UNITS (20% / 10%)
- UNIT RETENTION (40% /20%)

LEGEND
(SUB ELEMENT WT %
/ OVERALL WT %)

BCEG CLOSE HOLD

CRITERIA VIII PROPOSED WEIGHTS AF/CEVP

- Same as the Other Base Categories
- BCEG Reviewed and Approved the Grades When Grading All the AF Installations in Aug and Sept

BCEG CLOSE HOLD

RECOMMENDATION

- BCEG Approved the Proposed Weighting For ARC Category as Amended by BCEG Comments.

AIR FORCE BCEG ARC ANALYSIS

ARC DATA CALL GRADING FILTERS GOAL POSTS

BCEG CLOSE HOLD

1

AIR FORCE BCEG ARC ANALYSIS

ARC UNIQUE INSTALLATION DATA

- Original Section IX ARC Questions
  - Section IX Were the ARC Unique Base Questionnaire Questions From Criteria I-VIII
  - ARC Unique Question Grading Filters Were Approved By The BCEG With The Questionnaire
- ARC Data Call #1
  - Has Undergone Air Staff Review and Certification
  - AF/RTR is Inputting Into Data Base
  - No Change from BRAC 93
  - Goal Posts Await BCEG Approval

BCEG CLOSE HOLD

2

AIR FORCE BCEG ARC ANALYSIS

INSTALLATION BILLETING

Under DoD Criteria VII Community Support

IX.3.A. % of reservist/guardsmen requiring billeting during drill weekends?

AFRES: GREEN - < 27% YELLOW - 27 - 39% RED - > 39%

ANG: Not Applicable, Guardsmen not Authorized Billeting

IX.3.B. % of drill billeting requirements met by using commercial billeting establishments (contract billeting)?

AFRES: GREEN - < 33% YELLOW - 33 - 69% RED - > 69%

ANG: Not Applicable, Guardsmen not Authorized Billeting

BCEG CLOSE HOLD

AIR FORCE BCEG ARC ANALYSIS

PERSONNEL RETENTION

Under DoD Criteria VII Community Support

IX.14. Using data from the past two fiscal years, what is the average base AFRES/ANG retention rate? (Note any one time events, such as unit moves and/or weapon system conversions, that may have account for abnormalities).

Grading Filter/Goal Post

GREEN - ≥ 90%
YELLOW - < 90% to ≥ 87%
RED - < 87%

BCEG CLOSE HOLD

AIR FORCE BCEG ARC ANALYSIS

UNIT PARTICIPATION

Under DoD Criteria I. Impact on Operational Readiness

IX.15 (Added). What was the average number of Title 10 and/or Title 32 active duty days unit reservist/guardsmen participated beyond Annual Tours and Drills periods for FY92, FY93, and FY94 (est.)? (Do not include training periods)

Grading Filter/Goal Post

		AFRES	ANG
GREEN	-	>27 Days	>15 Days
YELLOW	-	17 To 27 Days	10 To 15 Days
RED	-	<17 Days	<10 Days

BCEG CLOSE HOLD

AIR FORCE BCEG ARC ANALYSIS

BOS BREAKOUT

Under DoD Criteria I. Impact on Operational Readiness

IX.16 (Added) Are there other Government aviation units collocated on the airfield? If yes; then who provides the following base operating support?

- A. POL - Host, Tenant, Separate, or Joint Facilities, or Civil/Contract
- B. Security - Host, Tenant, Separate, or Joint facilities
- C. Base Supply - Host, Tenant, Separate , or Joint facilities
- D. Tower/ATC - Host, Tenant, Separate, Joint facilities, or Civil/Contract
- E. Base CE - Host, Tenant, Separate, or Joint facilities.

Grading Filter/Goal Post

GREEN - Joint or Civil/Contract

YELLOW - Tenant or Host

RED - Separate

BCEG CLOSE HOLD

AIR FORCE BCEG ARC ANALYSIS

RECOMMENDATION

- BCEG Approve the proposed ARC Data Call Criteria, as amended by BCEG Discussion.

BCEG CLOSE HOLD

7

AIR FORCE BCEG ARC ANALYSIS

BOS Breakout Definitions

- Host - The installation host unit provides at least 75% of the BOS
- Tenant - The collocated tenant unit provides at least 75% of the BOS
- Separate - At least 75% of the required BOS for that area (for each collocated unit) is provided through their own resources
- Joint - More than 25% of the BOS is through a shared agreement between the DoD collocated units
- Civil - Contractor or civilian airport authority

BCEG CLOSE HOLD

8

Air Force Review of LJCSG Alternatives

Presented on:
15 Nov 94

ATCH 2

Outline

- Fundamentals
- Sample LJCSG Alternative
- Proposed Process
- Sample Strategy
- Summary

LJCSG Fundamentals

- Deliverable Consists of "Alternatives for MILDEP Consideration"
- OSD-Army-Navy-Air Force Consensus Product
- Organized by Common Support Function (CSF) (29), Activities (=70), and Life Cycle (3)
- Optimization Model (OM) Run at Functional Requirement Less 20% (FR - 20%)
- Alternatives do not Specify Movement of Personnel or Equipment - No "COBRA" Data
- Names are Activities, not Sites
- MINSITES, MINXCAP, MAXFV

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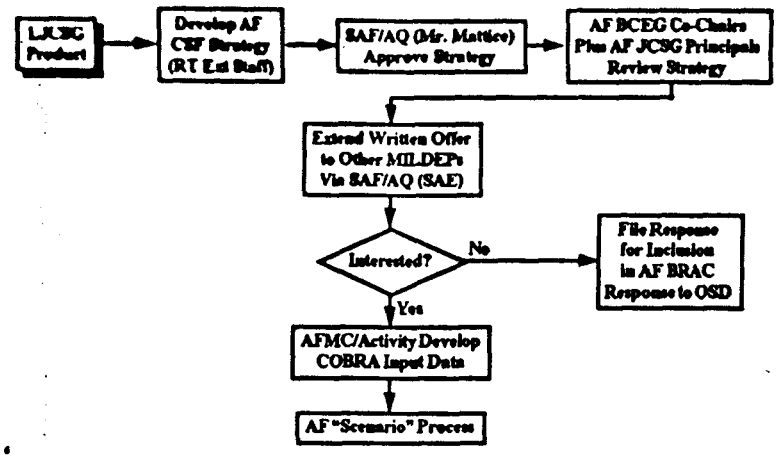
LJCSG Fundamentals (Cont'd)

- Numbers are Indicators
  - Functional Value (FV) is not Absolute - Check the Content Before Use
  - Functional Capacity (FC)/Functional Requirement (FR) not Absolute - Check Assumptions Before Use
- Selected Alternative is Usually OM Result
- Further Consolidation Possible
- Air Force ISE Will Be Handled in Depot Consolidation

CSF Example

Proposed Process (LJCSG)



ADVANCED MATERIALS

* MODEL OUTPUT:

Activity	Life Cycle	Functional Capacity	MINXCAP Load	MINSITE Load	MAXFV Load	FV
WL-WPAFB	ST	721 0	440.4	440.4	440.4	46
NRL	ST	376.3	376.3	376.3	376.3	54
CHINA LAKE	ST	21 9	21.9	21.9	21.9	62
ASC,MOD CTR-WPAFB	ST	20 3	0	0	0	30
NCCOSC	ST	14 0	0	0	0	41
NAWC, PAX	ST	13 2	0	0	0	38
NSWC, CRANE	ST	2 6	0	0	0	31

* ALTERNATIVES:

1 – Consolidate all S&T work at Wright Lab-WPAFB, NRL and China Lake.

* SELECTED ALTERNATIVES FOR MILDEP CONSIDERATION:

Alternative 1.

* ANALYSIS/RATIONALE:

Mission Compatibility. The S&T mission content appears to be similar between ASC, MOD-WPAFB and WL-WPAFB. Similarly, materials work at NRL, China Lake and NAWC, Pax cover a wide spectrum of materials work such as emerging materials, composites and low observables. NCCOSC and NSWC-Crane work relates to electronic packaging and other electronics circuit specific materials.

Facilities and Equipment Compatibility Facilities and equipment are generally comparable between the consolidated activities within the selected alternative.

Relocation Constraints/Restrictions (Fit Check). Permits and licenses appear to be similar for all activities listed in this CSF within the selected alternative.

Other. None.

* ADVISORY COMMENTS : The Navy and Air Force should each examine the feasibility of consolidating advanced materials to a single site Concurrently, the Navy and Air Force should discuss other opportunities for cross-servicing The Navy should consider merging electronics materials missions at NSWC-Crane and NCCOSC with the Electronic Device functions at these same locations This work would then become part of any alternatives being considered under the Electronic Device CSF and other options in relationship to the electronic materials missions at NCCOSC and NSWC-Crane should be based on that analysis. Due to the nature of the subfunctions, life cycles, and related functions performed within the activities, MILDEPs should carefully assess the suggested alternative [NOTE Excluded from this CSF analysis were activity's which were included in DDR&E decision memorandum of 18 March 1994 related to the Army's Materials Research Facility at APG, MD, and the Navy's Materials Facility at Carderock, MD]

Fixed Wing Capacity/Requirements

	DoD			
	Requirement (FTE/FPM)	WL WPAFB Capacity	Requirement (FTE/FPM)	ASC WPAFB Capacity
Structures	[illegible]	[illegible]	[illegible]	[illegible]
Propulsion	[illegible]	[illegible]	[illegible]	[illegible]
Avionics	[illegible]	[illegible]	[illegible]	[illegible]
Flight Subsystems	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

Total Req'd	[illegible]	Total Req'd Less 15%	[illegible]
Total Capacity	[illegible]		

With 15% Savings Due to Consolidation, Wright-Patterson Could Host All DoD Fixed Wing Work
Only DoD Site with this Capability

Summary

- LJCSG Product Released
- Alternatives Consolidate Work in Various MILDEPs
  - Within Model Limitations/Assumptions
- DoD Perspective may Differ from AF Perspective
- LJCSG Source Info Available
- AF Organizational Structure Very Efficient
- AF Outsources More - Reducing the Cost of Infrastructure
- LJCSG Only Identified Possibilities
  - MILDEPs Must Use Alternatives to Close/Realign and Reduce Infrastructure
- AF BRAC Recommendations Due to OSD - 08 Feb 95

Recommendation

- Approve Process
- Respond in Writing to OSD
  - AF Considering Alternatives
  - Exploring Army and Navy Interest in Consolidation
  - Results Provided in Final BRAC Recommendations

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE ASSISTANT SECRETARY

3 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 17 November 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
Dr. Wolff, AF/CE
Mr. Kuhn, SAF/GCN
Brig Gen Newell, AF/XOO
Brig Gen Weaver, NGB/CF

b. Other key attendees:

Col Mayfield, AF/RTR
Col Kraus, SAF/AQX
Col Walters, AF/PE
Col Samples, AF/RE
Lt Col Kring, NGB
Mr. Schoenecker, AF/CEV

The meeting was called to order by Maj Gen Blume. Mr. Schoenecker, AF/CEVP, briefed the ANG Criterion VI data, using the computer database display. Mr. Boatright requested that the Selfridge data be checked to verify the Army personnel were not included, since these are two separate installations now. The BCEG also requested that the title of Column II be changed to reflect this is USAF plus tenant and contractors. The BCEG then accepted the data with the requirement to double check the Selfridge assumptions.

Lt Col Kring, NGB, briefed ANG COBRA figures, using the slides at Atch 1. Mr. Boatright requested that the AF/CE representatives to the BCWG verify the figures, since the BCEG has a policy against accepting MAJCOM cost estimates without BCWG participation. The BCEG requested that CE look closely at the St. Louis and Moffett moves for a reduction in costs. After examining all the data, the BCEG accepted the figures subject to BCWG verification.

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.

OPEN ITEMS:
- Selfridge Employment data
- BCWG verification of ANG COBRA
- Analysis of ARC bases
- Squadron size and number of units

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
ANG COBRA

ANG COBRA BRIEFING
BRAC 95

Lt Col Kring

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

POSSIBLE OPTIONS

BASE	OPTION
BALTIMORE MD	ANDREWS
BOISE ID	MT HOME
BUCKLEY CO	PETERSON
ST LOUIS MO	WHITEMAN
OTIS MA	WESTOVER
PITTSBURGH PA	NO BASE
PORTLAND OR	NO BASE

ANG COBRA BRIEFING- BRAC 95

POSSIBLE OPTIONS

BASE	OPTION
RICKENBACKER OH	WRIGHT-PATTERSON
SALT LAKE CITY UT	HILL
SELFRIDGE MI	NO BASE
STEWART NY	NO BASE
TUCSON AZ	DAVIS MONTHAN

ANG COBRA BRIEFING- BRAC 95

BALTIMORE - ANDREWS

• CONSTRUCTION	$85.5M
• PERSONNEL	.8
• MOVING	7.2
• OVERHEAD	.7
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$95.3M
• TOTAL ONE-TIME SAVINGS	.2
• TOTAL NET ONE-TIME COSTS	$95.1M
• ROI	100+ YRS

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

BOISE - MT HOME AFB

• CONSTRUCTION	$38.0M
• PERSONNEL	.5
• MOVING	4.0
• OVERHEAD	2.0
• OTHER	1.2
• TOTAL ONE-TIME COSTS	$45.8M
• TOTAL ONE-TIME SAVINGS	7.5
• TOTAL NET ONE-TIME COSTS	$38.4M
• ROI	14 YRS

BCEG - CLOSE HOLD

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

BUCKLEY - PETERSON (1)

• CONSTRUCTION	$62.2M
• PERSONNEL	2.3
• MOVING	7.8
• OVERHEAD	1.0
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$74.3M
• TOTAL ONE-TIME SAVINGS	2.6
• TOTAL NET ONE-TIME COSTS	$71.7M
• ROI	6 YRS

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

BUCKLEY - PETERSON (2)

• CONSTRUCTION	$62.2M
• PERSONNEL	1.3
• MOVING	9.1
• OVERHEAD	1.1
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$74.7M
• TOTAL ONE-TIME SAVINGS	2.6
• TOTAL NET ONE-TIME COSTS	$72.1M
• ROI	100+ YRS

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

ST LOUIS - WHITEMAN

• CONSTRUCTION	$48.4M
• PERSONNEL	.7
• MOVING	5.7
• OVERHEAD	.5
• OTHER	1.4
• TOTAL ONE-TIME COSTS	$56.7M
• TOTAL ONE-TIME SAVINGS	.1
• TOTAL NET ONE-TIME COSTS	$56.6M
• ROI	64 YRS

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

OTIS - WESTOVER ARB

• CONSTRUCTION	$53.4M
• PERSONNEL	2.9
• MOVING	8.0
• OVERHEAD	1.4
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$66.7M
• TOTAL ONE-TIME SAVINGS	.2
• TOTAL NET ONE-TIME COSTS	$66.6M
• ROI	5 YRS

BCEG - CLOSE HOLD

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

RICKENBACKER - WPAFB

• CONSTRUCTION	$90.8M
• PERSONNEL	.8
• MOVING	6.5
• OVERHEAD	2.7
• OTHER	.3
• TOTAL ONE-TIME COSTS	$101.1M
• TOTAL ONE-TIME SAVINGS	.6
• TOTAL NET ONE-TIME COSTS	$100.5M
• ROI	24 YRS

BCEG - CLOSE HOLD

ANG COBRA BRIEFING- BRAC 95

SALT LAKE - HILL AFB

• CONSTRUCTION	$66.0M
• PERSONNEL	.4
• MOVING	0.0
• OVERHEAD	.7
• OTHER	1.1
• TOTAL ONE-TIME COSTS	$68.2M
• TOTAL ONE-TIME SAVINGS	.5
• TOTAL NET ONE-TIME COSTS	$67.7M
• ROI	40 YRS

ANG COBRA BRIEFING- BRAC 95

TUCSON - D.M. AFB

• CONSTRUCTION	$87.5M
• PERSONNEL	.5
• MOVING	0.0
• OVERHEAD	.8
• OTHER	1.1
• TOTAL ONE-TIME COSTS	$89.9M
• TOTAL ONE-TIME SAVINGS	.6
• TOTAL NET ONE-TIME COSTS	$89.3M
• ROI	48 YRS

ANG COBRA BRIEFING- BRAC 95

POSSIBLE OPTIONS

BASE	OPTION	RECOMMENDATION
BOISE ID	MT HOME	NO - COSTS
BUCKLEY CO	PETERSON	NO - COSTS
ST LOUIS MO	WHITEMAN	NO - COSTS
BALTIMORE MD	ANDREWS	NO - COSTS
OTIS MA	WESTOVER	NO - FACILITIES COSTS AND ENVIRONMENTAL
PITTSBURGH PA	———	NO - NO BASE
PORTLAND OR	———	NO - NO BASE

ANG COBRA BRIEFING- BRAC 95

POSSIBLE OPTIONS

BASE	OPTION	RECOMMENDATION
RICKENBACKER OH	WRIGHT-PAT	NO - COSTS
SALT LAKE CITY UT	HILL	NO - COSTS
SELFRIDGE MI	———	NO - NO BASE
STEWART NY	———	NO - NO BASE
TUCSON AZ	D M AFB	NO - COSTS AND SAFETY

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

ANG COBRA BRIEFING- BRAC 95

MCENTIRE - SHAW AFB

• CONSTRUCTION	$52.3M
• PERSONNEL	4
• MOVING	0.0
• OVERHEAD	8
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$54.5M
• TOTAL ONE-TIME SAVINGS	0
• TOTAL NET ONE-TIME COSTS	$54.5M
• ROI	27 YRS

ANG COBRA BRIEFING- BRAC 95

MOFFETT - BEALE AFB

• CONSTRUCTION	$33.5M
• PERSONNEL	.6
• MOVING	5.1
• OVERHEAD	.8
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$41.0M
• TOTAL ONE-TIME SAVINGS	.1
• TOTAL NET ONE-TIME COSTS	$40.9M
• ROI	11 YRS

ANG COBRA BRIEFING-BRAC 95

MOFFETT TO McCLELLAN

• CONSTRUCTION	$44.5M
• PERSONNEL	.6
• MOVING	5.1
• OVERHEAD	.8
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$52.0M
• TOTAL ONE-TIME SAVINGS	.1
• TOTAL NET ONE-TIME COSTS	$51.9M
• ROI	15 YRS

ANG COBRA BRIEFING- BRAC 95

SUFFOLK CO - STEWART

• CONSTRUCTION	$3.3M
• PERSONNEL	1.0
• MOVING	3.4
• OVERHEAD	.6
• OTHER	1.7
• TOTAL ONE-TIME COSTS	$10.0M
• TOTAL ONE-TIME SAVINGS	1.4
• TOTAL NET ONE-TIME COSTS	$8.6M
• ROI	1 YR

ANG COBRA BRIEFING- BRAC 95

ROSLYN - STEWART

• CONSTRUCTION	$1.0M
• PERSONNEL	.1
• MOVING	.8
• OVERHEAD	.2
• OTHER	.3
• TOTAL ONE-TIME COSTS	$2.4M
• TOTAL ONE-TIME SAVINGS	.0
• TOTAL NET ONE-TIME COSTS	$2.4M
• ROI	4 YRS

ANG COBRA BRIEFING- BRAC 95

GREAT FALLS - MAFB

• CONSTRUCTION	$34.9M
• PERSONNEL	.2
• MOVING	0.0
• OVERHEAD	.6
• OTHER	1.0
• TOTAL ONE-TIME COSTS	$36.7M
• TOTAL ONE-TIME SAVINGS	0.0
• TOTAL NET ONE-TIME COSTS	$36.7M
• ROI	37 YRS

ANG COBRA BRIEFING- BRAC 95

ONTARIO CA - MARCH

• CONSTRUCTION	$0.5M
• PERSONNEL	0.0
• MOVING	0.0
• OVERHEAD	0.1
• OTHER	0.2
• TOTAL ONE-TIME COSTS	$0.8M
• TOTAL ONE-TIME SAVINGS	0.0
• TOTAL NET ONE-TIME COSTS	$0.8M
• ROI	12 YRS

ANG COBRA BRIEFING- BRAC 95

NO HIGHLANDS CA - MAFB

• CONSTRUCTION	$2.60M
• PERSONNEL	0.0
• MOVING	0.0
• OVERHEAD	0.06
• OTHER	0.14
• TOTAL ONE-TIME COSTS	$2.8M
• TOTAL ONE-TIME SAVINGS	0.00
• TOTAL NET ONE-TIME COSTS	$2.8M
• ROI	23 YRS

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR RECORD

04 JAN 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 21 November 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. 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 Rodefer, AF/XOFC
Maj Johnston, AF/XOFM
Mr. Kelly, AF/DPP

The meeting was called to order by Maj Gen Blume. The BCEG met with the SECAF on 18 November 1994. At that meeting, the SECAF reviewed the beddown options for force structure from notional closures of Small Aircraft and Large Aircraft bases. Operational concerns resulted from each of the reviewed beddown options of Small Aircraft bases involving the overcrowding of airspace and training resources at the gaining locations. After reviewing the beddowns, the SECAF asked that a beddown plan be developed for each base in the bottom and middle tiers of the Small Aircraft bases. After the review of the Large Aircraft beddowns, the SECAF directed that several options be analyzed under COBRA, including the closure of combinations of Grand Forks, Scott, and Beale AFBs. Closure of Ellsworth AFB raised an operational concern over the loading of Dyess AFB in B-1s, and the placement of substantially all B-1 assets in a single location.

Lt Col Rodefer, AF/XOFC, briefed new beddowns for Small Aircraft, using the slides at Atch 1. The BCEG noted that the Operational Concerns are not a BCEG issue, and that only the AF/XO community can make these judgments. In their review of the proposed moves, the BCEG directed that the HQ 1 AF, ROCC, and SOCC from Tyndall be moved to Langley.

Maj Johnston, AF/XOFM, briefed beddowns for Large Aircraft, using the slides at Atch 2. When discussing Ellsworth AFB, Maj Gen Blume raised the possibility of moving more B-1 aircraft to McConnell AFB, Warner Robins AFB, and the composite wing at Mountain Home.

The BCEG then discussed the issue of overland future supersonic training airspace raised by AF/XO. Although this is recognized as a valid concern, there are questions as to how to measure this need. In addition to that concern, there was concern expressed that the Airspace Encroachment element of Criterion II did not adequately measure encroachment, especially when Air Quality was given such a large weight that it had the tendency to override Encroachment problems. There was general concern with any change to the subelements at this point in the analysis, but Mr. Boatright pointed out that the AF/XO continues to question the Small Aircraft Criterion I analysis. The BCWG was directed to examine possibilities for changing Criterion I and II analysis.

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.

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

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Small Aircraft excursions
2. Large Aircraft excursions

COBRA ASSUMPTIONS

SMALL AIRCRAFT BASES

COBRA EXCURSIONS

LT COLONEL KARL RODEFER
AF/XOFC
COMBAT FORCES DIVISION

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SEVEN OPTIONS REVIEWED:

- LANGLEY AFB – SINGLE CLOSURE
- SEYMOUR-JOHNSON AFB – SINGLE CLOSURE
- SHAW AFB – SINGLE CLOSURE
- TYNDALL AFB – SINGLE CLOSURE
- HURLBURT AFB – SINGLE CLOSURE
- DAVIS-MONTHAN AFB – SINGLE CLOSURE
- LUKE AFB – SINGLE CLOSURE

ATCH 1

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

ASSUMPTIONS:

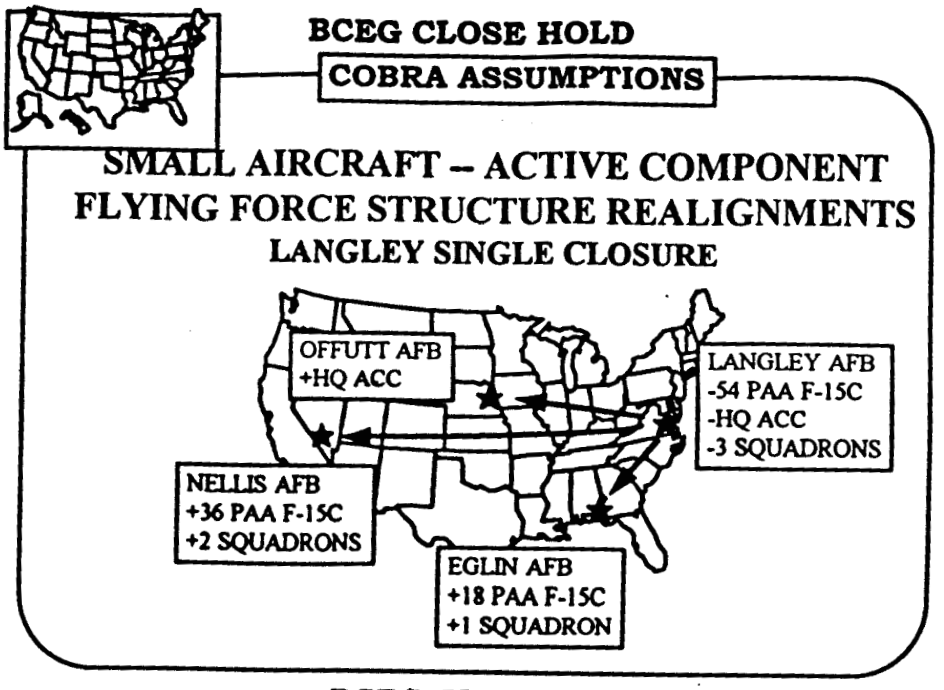
- MAINTAIN 18 PAA SQUADRONS
- ATTEMPT TO MAX EXTENT PRACTICAL TO MAINTAIN MAJCOM BASE INTEGRITY
- MINIMIZE ADVERSE CONUS/OCONUS RATIO ASSIGNMENT BALANCE IN EACH MISSION DESIGN SERIES
- MINI-BLOCK (AVIONICS AND ENGINE) COMMONALITY AT WING/BASE LEVEL TO MAX EXTENT PRACTICAL (F-15E/F-16C)

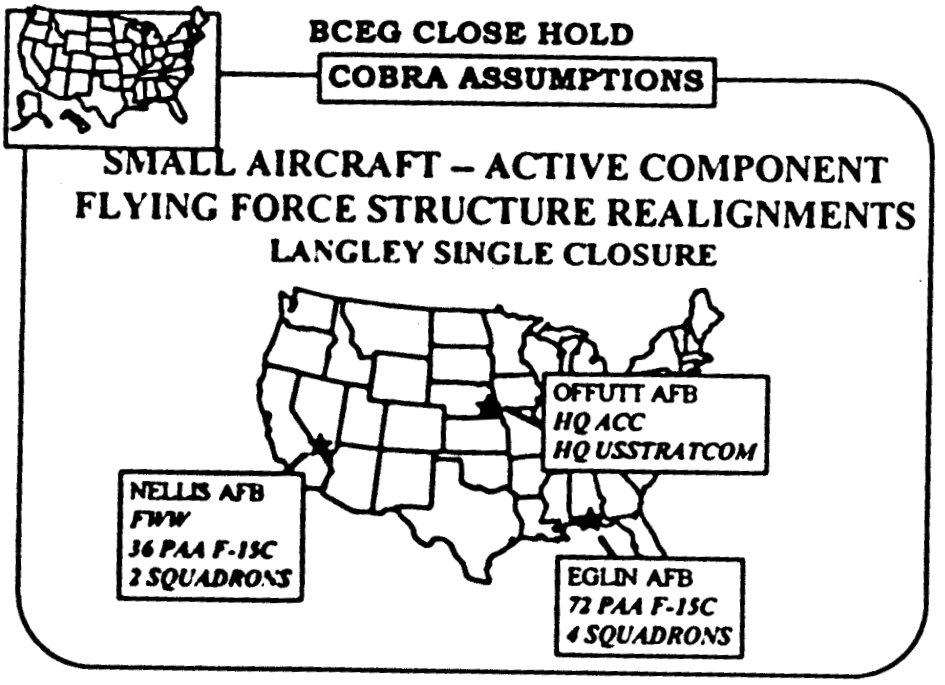
COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION ONE

LANGLEY AFB – SINGLE CLOSURE


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
LANGLEY SINGLE CLOSURE
OFFUTT AFB
+HQ ACC
LANGLEY AFB
-54 PAA F-15C
-HQ ACC
-3 SQUADRONS
NELLIS AFB
+36 PAA F-15C
+2 SQUADRONS
EGLIN AFB
+18 PAA F-15C
+1 SQUADRON
BCEG CLOSE HOLD


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
LANGLEY SINGLE CLOSURE
OFFUTT AFB
HQ ACC
HQ USSTRATCOM
NELLIS AFB
FWW
36 PAA F-15C
2 SQUADRONS
EGLIN AFB
72 PAA F-15C
4 SQUADRONS
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

LANGLEY SINGLE CLOSURE

OPERATIONAL CONCERNS:

- 2 ACTIVE F-15C SQUADRONS TRAINING AT NELLIS AND COMPETING FOR RANGE PRIORITIES
- NEED TO RELOCATE HQ ACC – CURRENTLY IDEALLY LOCATED NEAR USACOM

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION TWO

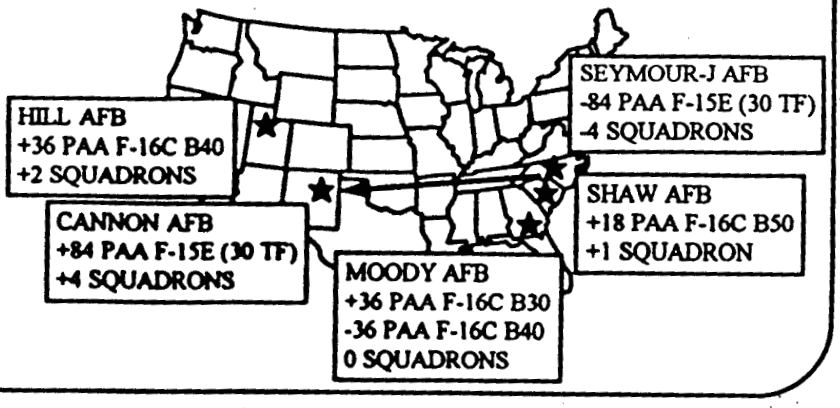
SEYMOUR-JOHNSON AFB – SINGLE CLOSURE

BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SEYMOUR-JOHNSON SINGLE CLOSURE



BCEG CLOSE HOLD

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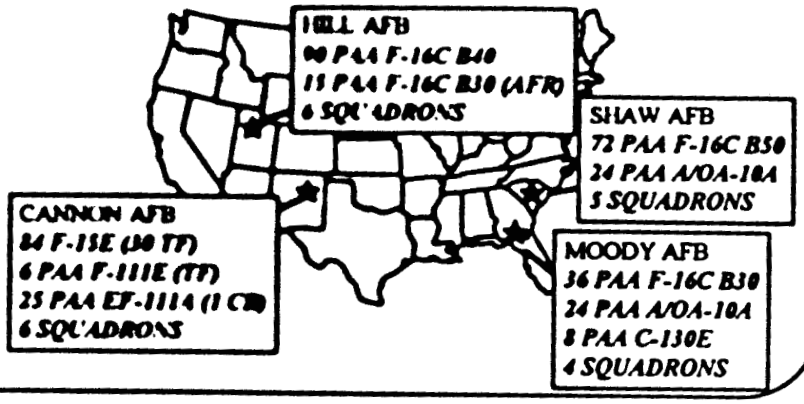
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SEYMOUR-JOHNSON SINGLE CLOSURE



BCEG CLOSE HOLD

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COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SEYMOUR-JOHNSON SINGLE CLOSURE

OPERATIONAL CONCERNS:

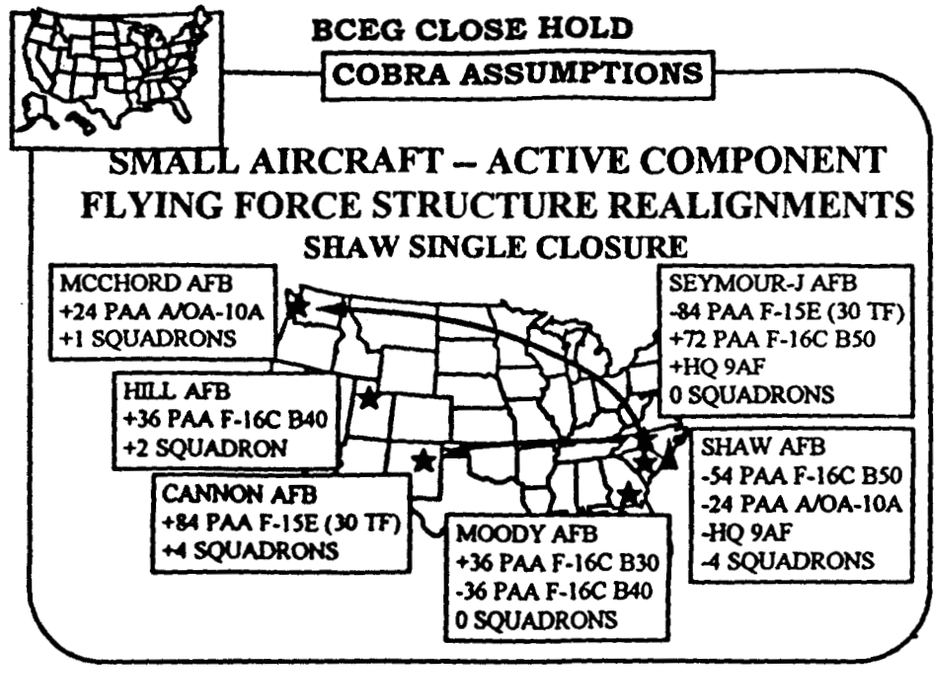
- 5 ACTIVE F-16C LANTIRN SQUADRONS AND 1 AFRES F-16C SQUADRON TRAINING AT HILL AFB
- 4 OPERATIONAL F-16C AND 1 A/OA-10 SQUADRONS TRAINING AT SHAW AFB
- 4 F-15E SQUADRONS (1 SCHOOLHOUSE), 1 EF-111A, AND 1 F-111E SCHOOLHOUSE SQUADRONS TRAINING AT CANNON

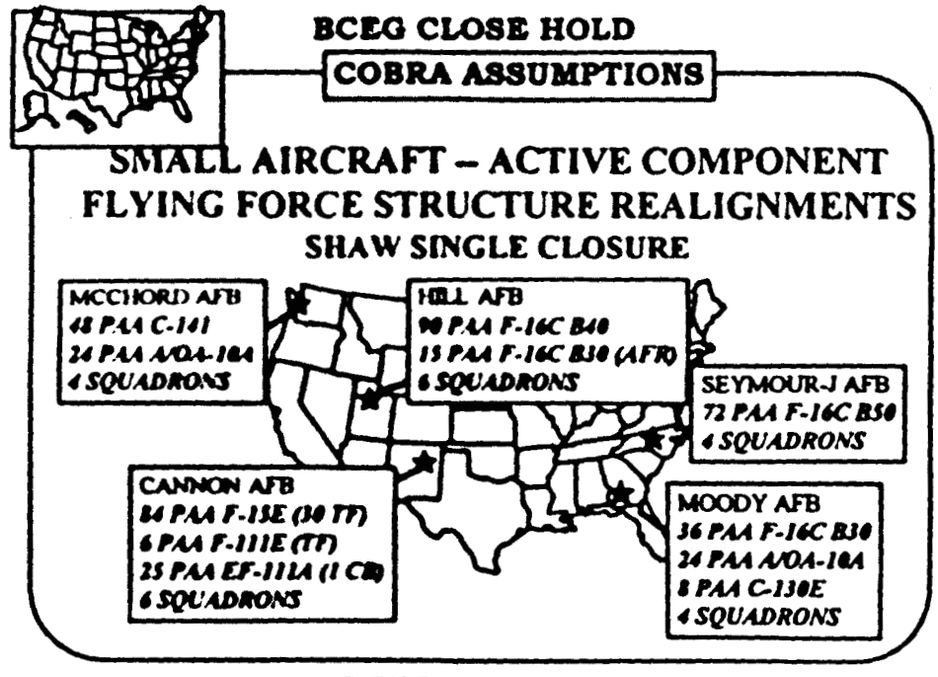
COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION THREE

SHAW AFB – SINGLE CLOSURE


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SHAW SINGLE CLOSURE
MCCHORD AFB
+24 PAA A/OA-10A
+1 SQUADRONS
SEYMOUR-J AFB
-84 PAA F-15E (30 TF)
+72 PAA F-16C B50
+HQ 9AF
0 SQUADRONS
HILL AFB
+36 PAA F-16C B40
+2 SQUADRON
SHAW AFB
-54 PAA F-16C B50
-24 PAA A/OA-10A
-HQ 9AF
-4 SQUADRONS
CANNON AFB
+84 PAA F-15E (30 TF)
+4 SQUADRONS
MOODY AFB
+36 PAA F-16C B30
-36 PAA F-16C B40
0 SQUADRONS
BCEG CLOSE HOLD


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SHAW SINGLE CLOSURE
MCCHORD AFB
48 PAA C-141
24 PAA A/OA-10A
4 SQUADRONS
HILL AFB
90 PAA F-16C B40
15 PAA F-16C B30 (AFR)
6 SQUADRONS
SEYMOUR-J AFB
72 PAA F-16C B50
4 SQUADRONS
CANNON AFB
84 PAA F-15E (30 TF)
6 PAA F-111E (TF)
25 PAA EF-111A (1 CB)
6 SQUADRONS
MOODY AFB
36 PAA F-16C B30
24 PAA A/OA-10A
8 PAA C-130E
4 SQUADRONS
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

SHAW SINGLE CLOSURE

OPERATIONAL CONCERNS:

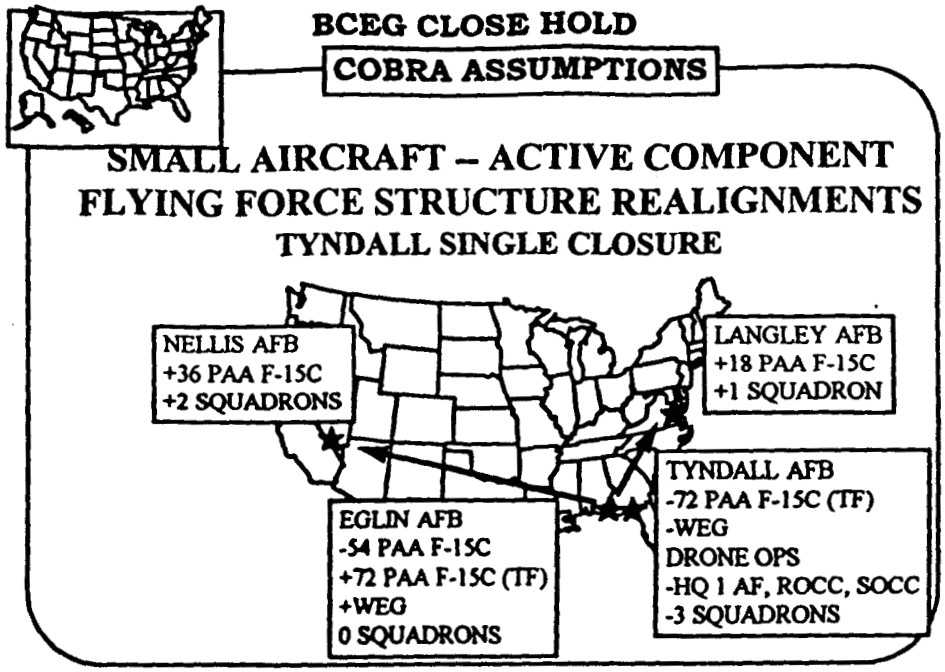
- 5 ACTIVE F-16C LANTIRN SQUADRONS AND 1 AFRES F-16C SQUADRON TRAINING AT HILL AFB
- 4 F-15E SQUADRONS (INCLUDING 1 SCHOOLHOUSE), 1 EF-111A SQUADRON, AND 1 F-111E SCHOOLHOUSE SQUADRON TRAINING AT CANNON

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION FOUR

TYNDALL AFB – SINGLE CLOSURE


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
TYNDALL SINGLE CLOSURE
NELLIS AFB
+36 PAA F-15C
+2 SQUADRONS
LANGLEY AFB
+18 PAA F-15C
+1 SQUADRON
TYNDALL AFB
-72 PAA F-15C (TF)
-WEG
DRONE OPS
-HQ 1 AF, ROCC, SOCC
-3 SQUADRONS
EGLIN AFB
-54 PAA F-15C
+72 PAA F-15C (TF)
+WEG
0 SQUADRONS
BCEG CLOSE HOLD
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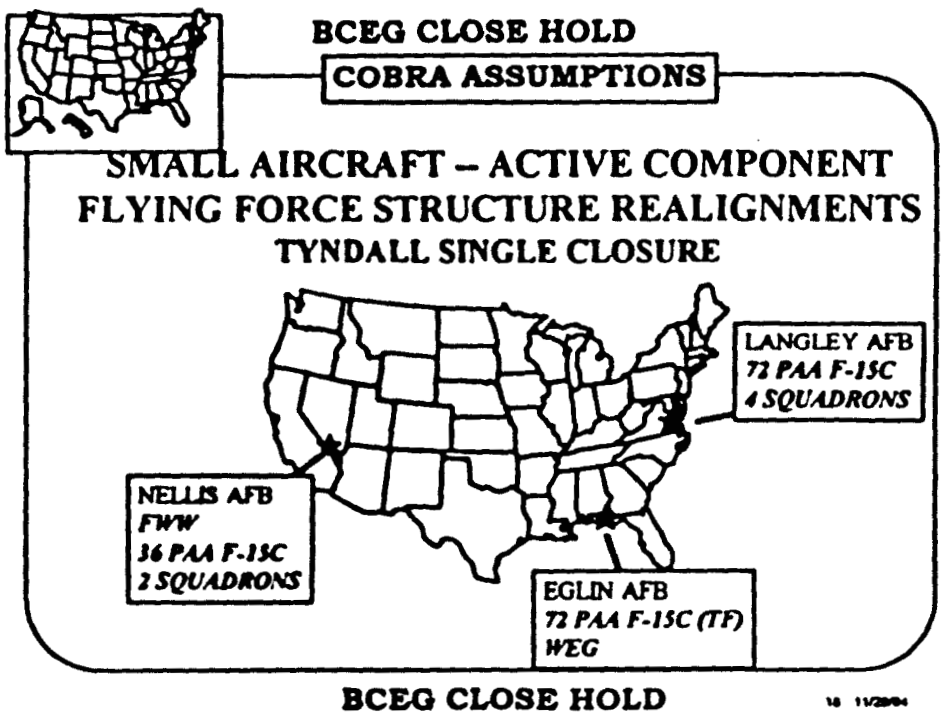
BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
TYNDALL SINGLE CLOSURE
LANGLEY AFB
72 PAA F-15C
4 SQUADRONS
NELLIS AFB
FWW
36 PAA F-15C
2 SQUADRONS
EGLIN AFB
72 PAA F-15C (TF)
WEG
BCEG CLOSE HOLD
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COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

TYNDALL SINGLE CLOSURE

OPERATIONAL CONCERNS:

- DISLOCATES WEG FROM DRONE OPERATIONS AND RANGE INSTRUMENTATION (CONTONEMENT @ TYNDALL)
- 2 F-15C SQUADRONS COMPETING FOR RANGE PRIORITIES AT NELLIS

BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION FIVE

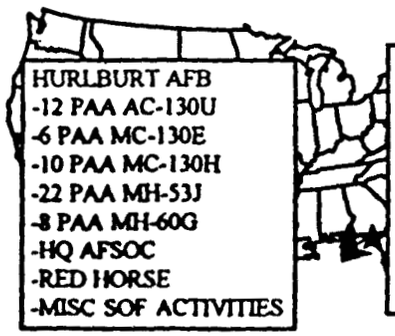
HURLBURT AFB – SINGLE CLOSURE

BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

HURLBURT SINGLE CLOSURE



HURLBURT AFB
-12 PAA AC-130U
-6 PAA MC-130E
-10 PAA MC-130H
-22 PAA MH-53J
-8 PAA MH-60G
-HQ AFSOC
-RED HORSE
-MISC SOF ACTIVITIES

EGLIN AFB
+12 PAA AC-130U
+6 PAA MC-130E
+10 PAA MC-130H
+22 PAA MH-53J
+8 PAA MH-60G
+HQ AFSOC
+RED HORSE
+MISC SOF ACTIVITIES

BCEG CLOSE HOLD

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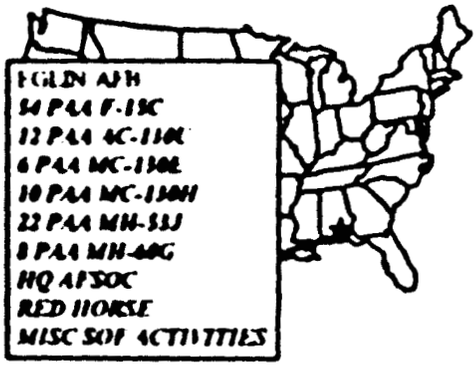
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

HURLBURT SINGLE CLOSURE



EGLIN AFB
54 PAA F-15C
12 PAA AC-130U
6 PAA MC-130E
10 PAA MC-130H
22 PAA MH-53J
8 PAA MH-60G
HQ AFSOC
RED HORSE
MISC SOF ACTIVITIES

BCEG CLOSE HOLD

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COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

HURLBURT SINGLE CLOSURE

OPERATIONAL CONCERNS:

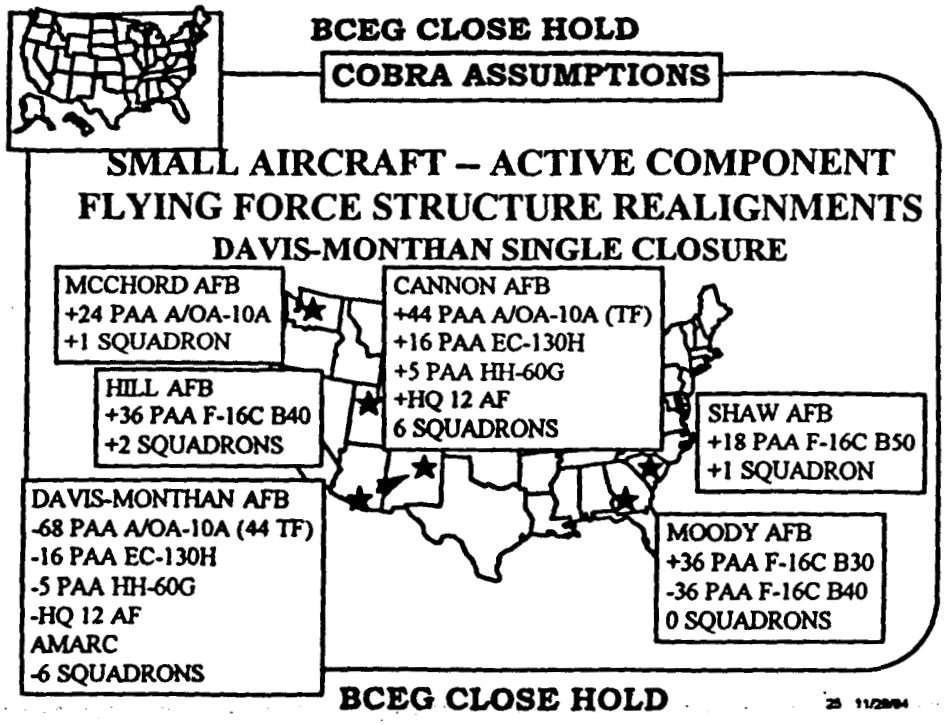
- HURLBURT IDEAL LOCATION FOR SOF – NIGHT AND COVERT OPS, TRAINING AIRSPACE (ASSAULT LANDING ZONES, WEAPONS DELIVERY
- LOADS UP EGLIN WITH SOF ON TOP OF 3 F-15C SQUADRONS

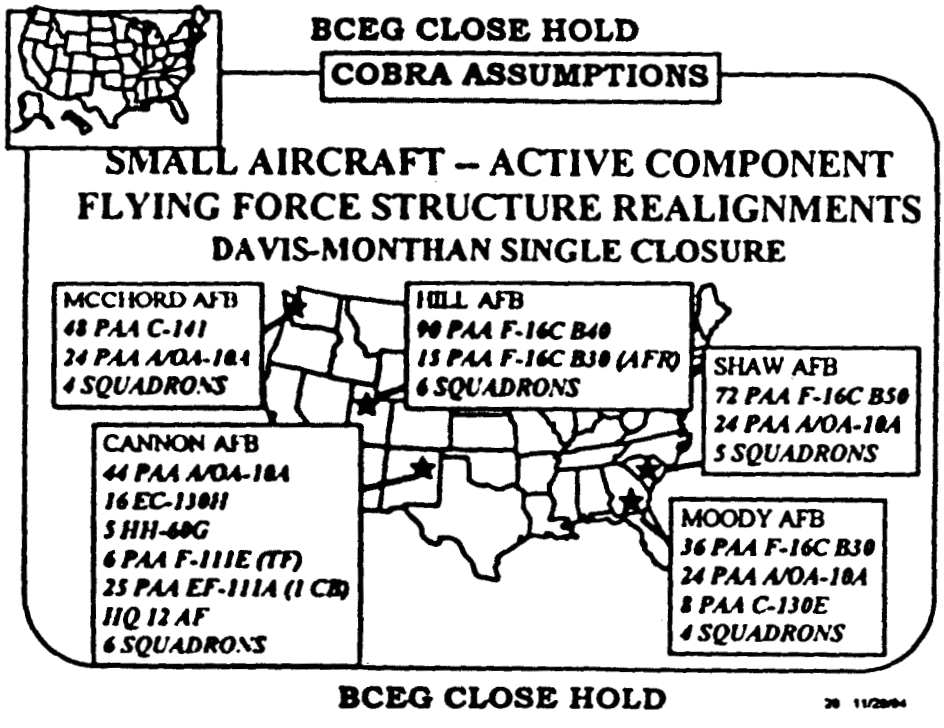
COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION SIX

DAVIS-MONTHAN AFB – SINGLE CLOSURE


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
DAVIS-MONTHAN SINGLE CLOSURE
MCCHORD AFB
+24 PAA A/OA-10A
+1 SQUADRON
CANNON AFB
+44 PAA A/OA-10A (TF)
+16 PAA EC-130H
+5 PAA HH-60G
+HQ 12 AF
6 SQUADRONS
HILL AFB
+36 PAA F-16C B40
+2 SQUADRONS
SHAW AFB
+18 PAA F-16C B50
+1 SQUADRON
DAVIS-MONTHAN AFB
-68 PAA A/OA-10A (44 TF)
-16 PAA EC-130H
-5 PAA HH-60G
-HQ 12 AF
AMARC
-6 SQUADRONS
MOODY AFB
+36 PAA F-16C B30
-36 PAA F-16C B40
0 SQUADRONS
BCEG CLOSE HOLD


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
DAVIS-MONTHAN SINGLE CLOSURE
MCCHORD AFB
48 PAA C-141
24 PAA A/OA-10A
4 SQUADRONS
HILL AFB
90 PAA F-16C B40
15 PAA F-16C B30 (AFR)
6 SQUADRONS
SHAW AFB
72 PAA F-16C B50
24 PAA A/OA-10A
5 SQUADRONS
CANNON AFB
44 PAA A/OA-10A
16 EC-130H
5 HH-60G
6 PAA F-111E (TF)
25 PAA EF-111A (1 CB)
HQ 12 AF
6 SQUADRONS
MOODY AFB
36 PAA F-16C B30
24 PAA A/OA-10A
8 PAA C-130E
4 SQUADRONS
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

DAVIS-MONTHAN SINGLE CLOSURE

OPERATIONAL CONCERNS:

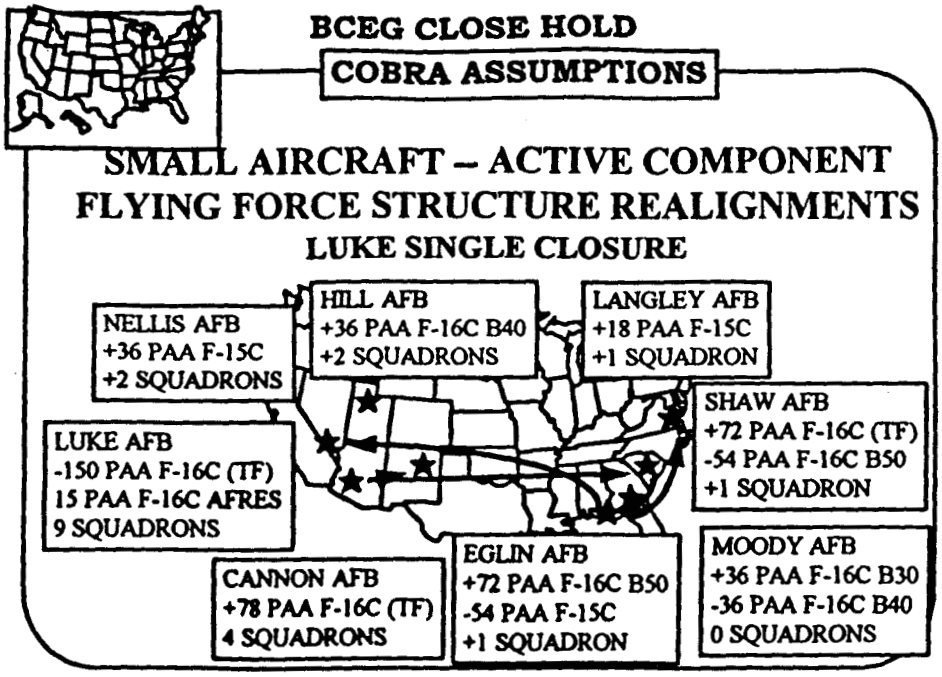
- 5 ACTIVE F-16C LANTIRN SQUADRONS AND 1 AFRES F-16C SQUADRON TRAINING AT HILL AFB
- 4 OPERATIONAL F-16C AND 1 A/OA-10 SQUADRONS TRAINING AT SHAW AFB
- A/OA-10A SCHOOLHOUSE, F-111E SCHOOLHOUSE, EF-111A SQUADRON, 2 EC-130H SQUADRONS TRAINING AT CANNON

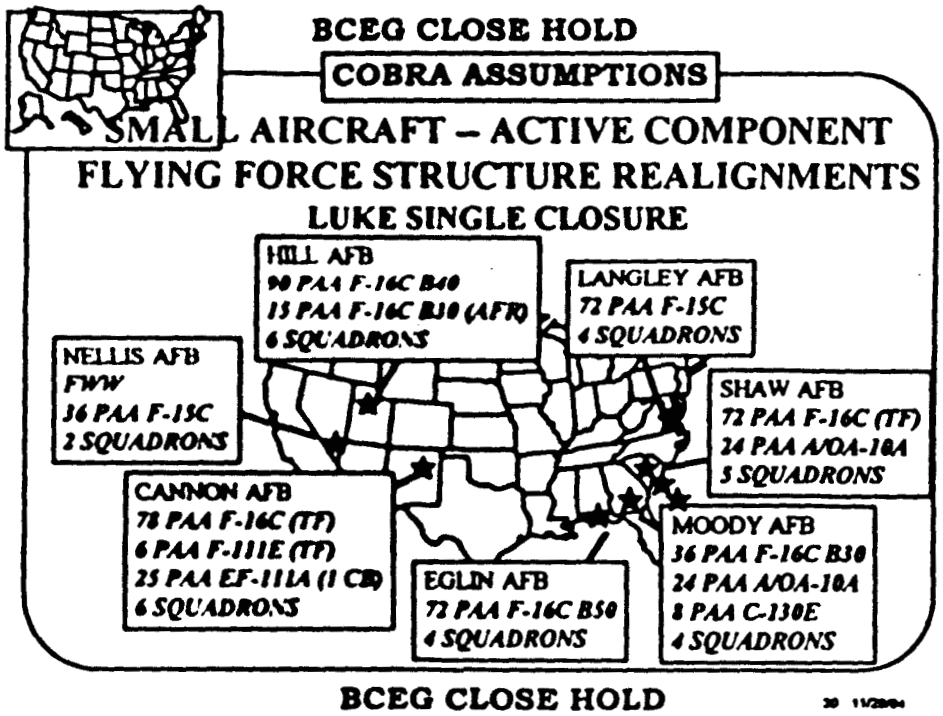
COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION SEVEN

LUKE AFB – SINGLE CLOSURE


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
LUKE SINGLE CLOSURE
NELLIS AFB
+36 PAA F-15C
+2 SQUADRONS
HILL AFB
+36 PAA F-16C B40
+2 SQUADRONS
LANGLEY AFB
+18 PAA F-15C
+1 SQUADRON
SHAW AFB
+72 PAA F-16C (TF)
-54 PAA F-16C B50
+1 SQUADRON
LUKE AFB
-150 PAA F-16C (TF)
15 PAA F-16C AFRES
9 SQUADRONS
CANNON AFB
+78 PAA F-16C (TF)
4 SQUADRONS
EGLIN AFB
+72 PAA F-16C B50
-54 PAA F-15C
+1 SQUADRON
MOODY AFB
+36 PAA F-16C B30
-36 PAA F-16C B40
0 SQUADRONS
BCEG CLOSE HOLD


BCEG CLOSE HOLD
COBRA ASSUMPTIONS
SMALL AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
LUKE SINGLE CLOSURE
HILL AFB
90 PAA F-16C B40
15 PAA F-16C B30 (AFR)
6 SQUADRONS
LANGLEY AFB
72 PAA F-15C
4 SQUADRONS
NELLIS AFB
FWW
36 PAA F-15C
2 SQUADRONS
SHAW AFB
72 PAA F-16C (TF)
24 PAA A/OA-10A
5 SQUADRONS
CANNON AFB
78 PAA F-16C (TF)
6 PAA F-111E (TF)
25 PAA EF-111A (1 CB)
6 SQUADRONS
EGLIN AFB
72 PAA F-16C B50
4 SQUADRONS
MOODY AFB
36 PAA F-16C B30
24 PAA A/OA-10A
8 PAA C-130E
4 SQUADRONS
BCEG CLOSE HOLD

COBRA ASSUMPTIONS

SMALL AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

LUKE SINGLE CLOSURE

OPERATIONAL CONCERNS:

- 5 ACTIVE F-16C LANTIRN SQUADRONS AND 1 AFRES F-16C SQUADRON TRAINING AT HILL AFB
- 4 SCHOOLHOUSE F-16C AND 1 A/OA-10 SQUADRONS TRAINING AT SHAW AFB
- 2 F-15C SQUADRONS COMPETING FOR RANGE PRIORITIES AT NELLIS
- 4 F-16C SCHOOLHOUSE SQUADRONS, 1 F-111E SCHOOLHOUSE SQUADRON, AND 1 EF-111A SQUADRON TRAINING AT CANNON

COBRA ASSUMPTIONS

SMALL AIRCRAFT BASES COBRA EXCURSIONS

*** RECOMMENDATION ***

SECAF SELECT OPTIONS FOR FURTHER COSTING CONSIDERATION

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CRITERIA I COBRA ASSUMPTIONS

LARGE AIRCRAFT BASES

COBRA EXCURSIONS

MAJOR RICHARD JOHNSTON
AF/XOFM
MOBILITY FORCES DIVISION

C:\COB_AIR7.PPT

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LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

FOUR OPTIONS REVIEWED:

- GRAND FORKS AFB
- GRAND FORKS AFB SCOTT AFB
- GRAND FORKS AFB BEALE AFB
- GRAND FORKS AFB SCOTT AFB BEALE AFB

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ATCH 2

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

ASSUMPTIONS:

- MAINTAIN MAJCOM BASE INTEGRITY TO MAX EXTENT POSSIBLE
- MINIMIZE ADVERSE CONUS/OCONUS RATIO
- MINIMIZE ADVERSE AIR QUALITY IMPACT

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION ONE

GRAND FORKS AFB -- SINGLE CLOSURE

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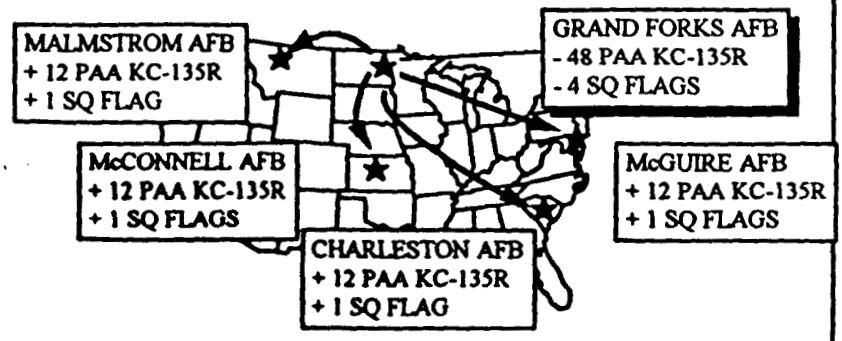
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB – SINGLE CLOSURE



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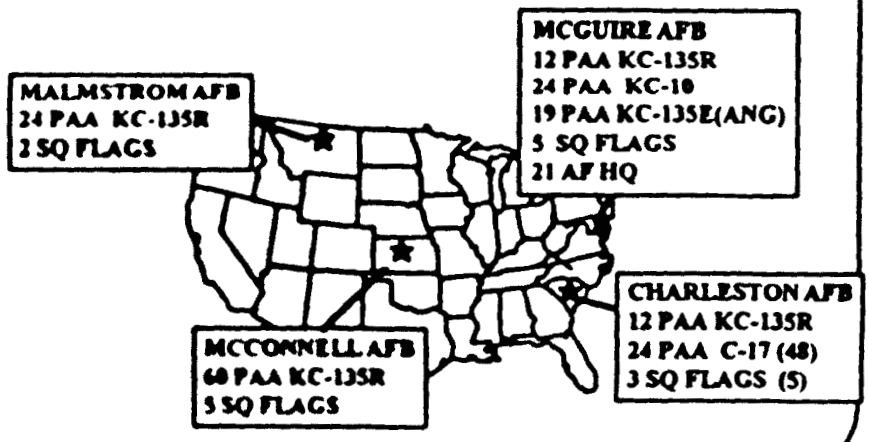
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB – SINGLE CLOSURE



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB – SINGLE CLOSURE

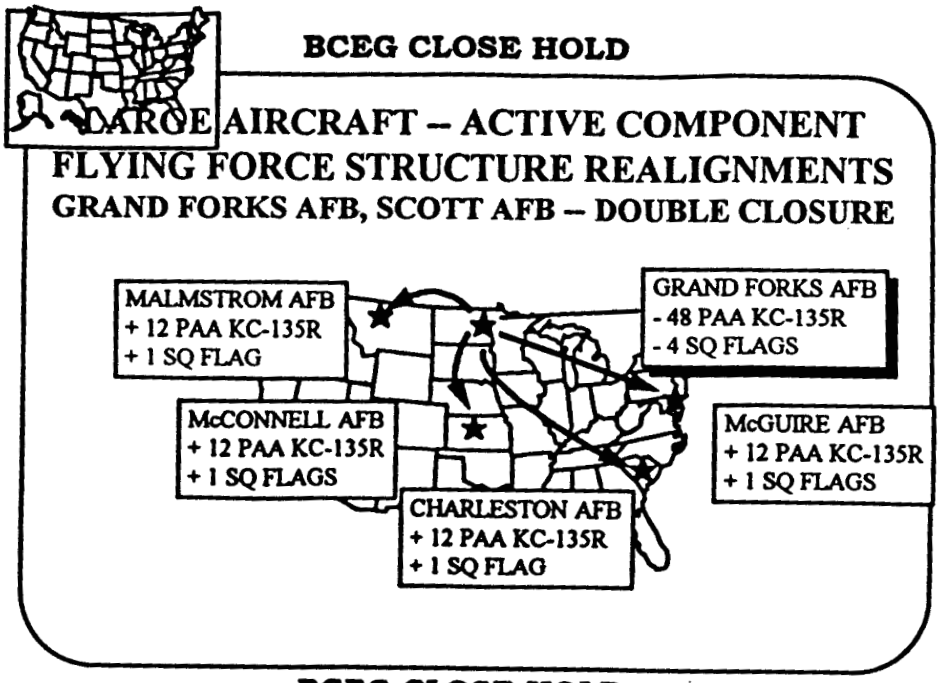
OPERATIONAL CONCERNS:

- REDUCE MAJOR TANKER BASING FROM THREE TO TWO
- TANKERS MOVED TO SE TANKER POOR AREA

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION TWO

GRAND FORKS AFB, SCOTT AFB -- DOUBLE CLOSURE


BCEG CLOSE HOLD
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
GRAND FORKS AFB, SCOTT AFB – DOUBLE CLOSURE
MALMSTROM AFB
+ 12 PAA KC-135R
+ 1 SQ FLAG
GRAND FORKS AFB
- 48 PAA KC-135R
- 4 SQ FLAGS
McCONNELL AFB
+ 12 PAA KC-135R
+ 1 SQ FLAGS
McGUIRE AFB
+ 12 PAA KC-135R
+ 1 SQ FLAGS
CHARLESTON AFB
+ 12 PAA KC-135R
+ 1 SQ FLAG
BCEG CLOSE HOLD
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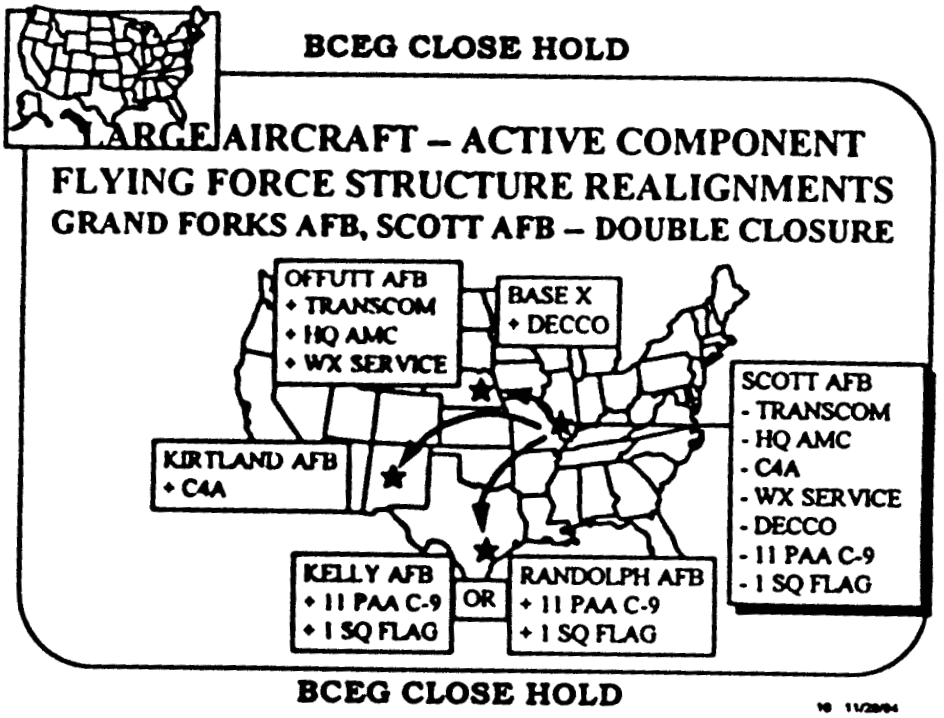
BCEG CLOSE HOLD
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
GRAND FORKS AFB, SCOTT AFB – DOUBLE CLOSURE
OFFUTT AFB
+ TRANSCOM
+ HQ AMC
+ WX SERVICE
BASE X
+ DECCO
SCOTT AFB
- TRANSCOM
- HQ AMC
- C4A
- WX SERVICE
- DECCO
- 11 PAA C-9
- 1 SQ FLAG
KIRTLAND AFB
+ C4A
KELLY AFB
+ 11 PAA C-9
+ 1 SQ FLAG
OR
RANDOLPH AFB
+ 11 PAA C-9
+ 1 SQ FLAG
BCEG CLOSE HOLD
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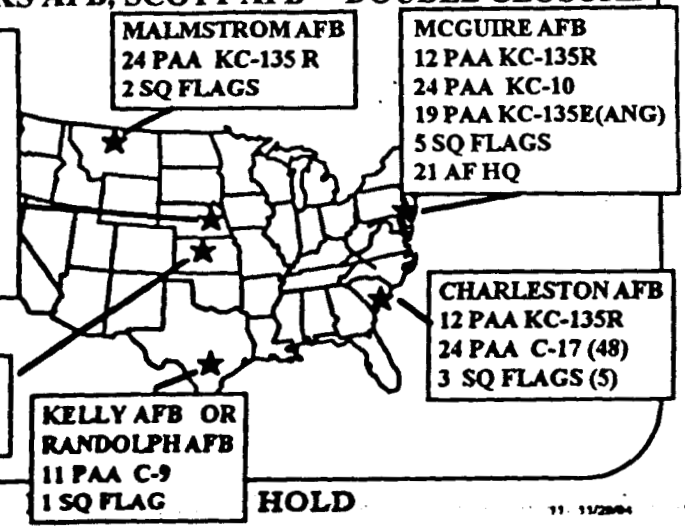
BCEG CLOSE HOLD

LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, SCOTT AFB – DOUBLE CLOSURE



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BCEG CLOSE HOLD

LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, SCOTT AFB – DOUBLE CLOSURE

OPERATIONAL CONCERNS:

- REDUCE MAJOR TANKER BASING FROM THREE TO TWO
- MIXED HIGHER HEADQUARTERS
  TWO CINC's - DIFFERENT MISSIONS
- TANKERS MOVED TO SE TANKER POOR AREA

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BCEG CLOSE HOLD

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION THREE

GRAND FORKS AFB, BEALE AFB -- DOUBLE CLOSURE

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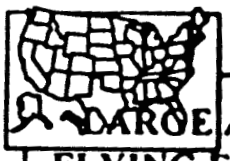
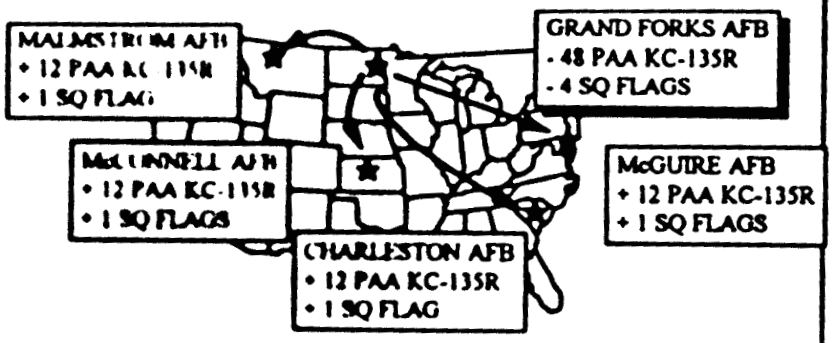


BCEG CLOSE HOLD

LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, BEALE AFB - DOUBLE CLOSURE



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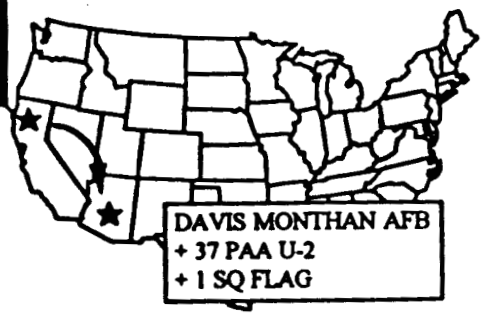
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, BEALE AFB – DOUBLE CLOSURE

BEALE AFB
- 37 PAA U-2
- 1 SQ FLAG
- 8 PAA KC-135E (AFR)



DAVIS MONTHAN AFB
+ 37 PAA U-2
+ 1 SQ FLAG

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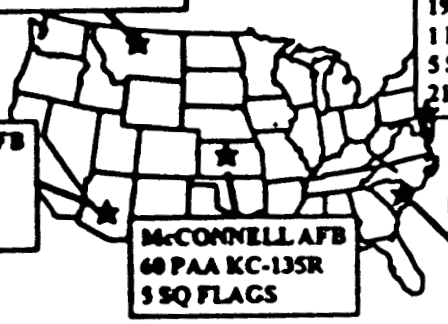
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, BEALE AFB – DOUBLE CLOSURE

MALMSTROM AFB
24 PAA KC-135R
2 SQ FLAGS

MCGUIRE AFB
12 PAA KC-135R
24 PAA KC-10
19 PAA KC-135E(ANG)
1 PAA C-26B (ANG)
5 SQ FLAGS
21 AF HQ



DAVIS MONTHAN AFB
37 PAA U-2
76 O/A-10
4 SQ FLAGS

McCONNELL AFB
60 PAA KC-135R
5 SQ FLAGS

CHARLESTON AFB
12 PAA KC-135R
24 PAA C-17 (48)
3 SQ FLAGS (5)

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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, BEALE AFB – DOUBLE CLOSURE

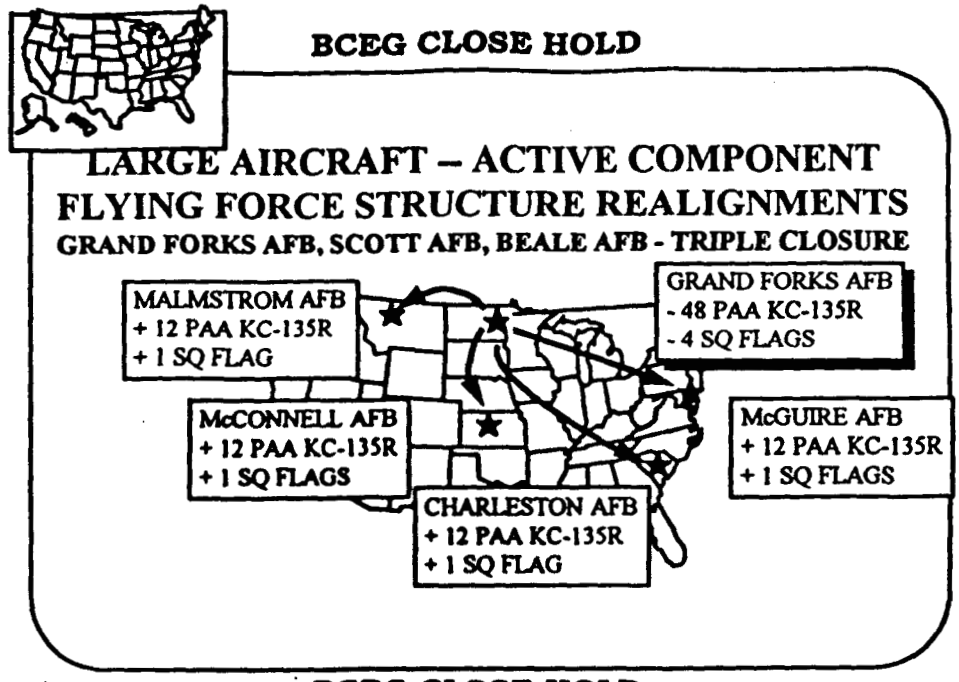
OPERATIONAL CONCERNS:

- REDUCE MAJOR TANKER BASING FROM THREE TO TWO
- SOF RETURNING FROM PACIFIC THEATER
  - FAIRCHILD RAMP SATURATION
- TANKERS MOVED TO SE TANKER POOR AREA

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION FOUR

GRAND FORKS AFB, SCOTT AFB, BEALE AFB TRIPLE CLOSURE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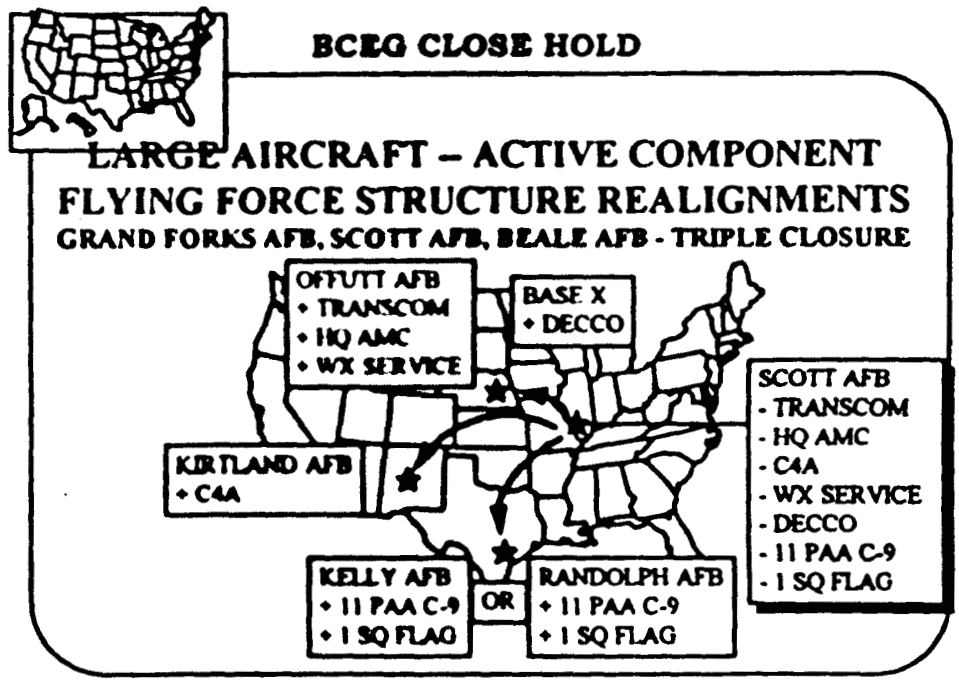
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
GRAND FORKS AFB, SCOTT AFB, BEALE AFB - TRIPLE CLOSURE
MALMSTROM AFB
+ 12 PAA KC-135R
+ 1 SQ FLAG
GRAND FORKS AFB
- 48 PAA KC-135R
- 4 SQ FLAGS
McCONNELL AFB
+ 12 PAA KC-135R
+ 1 SQ FLAGS
McGUIRE AFB
+ 12 PAA KC-135R
+ 1 SQ FLAGS
CHARLESTON AFB
+ 12 PAA KC-135R
+ 1 SQ FLAG
BCEG CLOSE HOLD

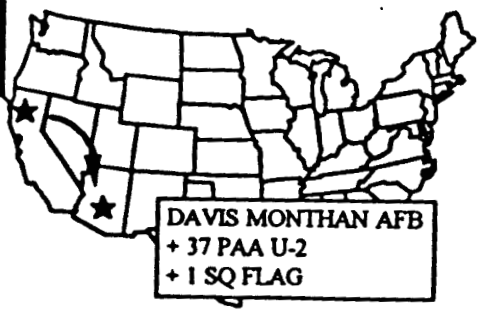

BCEG CLOSE HOLD
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
GRAND FORKS AFB, SCOTT AFB, BEALE AFB - TRIPLE CLOSURE
OFFUTT AFB
+ TRANSCOM
+ HQ AMC
+ WX SERVICE
BASE X
+ DECCO
SCOTT AFB
- TRANSCOM
- HQ AMC
- C4A
- WX SERVICE
- DECCO
- 11 PAA C-9
- 1 SQ FLAG
KIRTLAND AFB
+ C4A
KELLY AFB
+ 11 PAA C-9
+ 1 SQ FLAG
OR
RANDOLPH AFB
+ 11 PAA C-9
+ 1 SQ FLAG
BCEG CLOSE HOLD

BCEG CLOSE HOLD

LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, SCOTT AFB, BEALE AFB - TRIPLE CLOSURE

BEALE AFB
- 37 PAA U-2
- 1 SQ FLAG
- 8 PAA KC-135 (AFR)



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB, SCOTT AFB, BEALE AFB - TRIPLE CLOSURE

OFFUTT AFB
TRANSCOM
HQ AMC
WX SERVICE
8 PAA C-21A
3 PAA E-4
35 PAA XC-135
HQ US STRAT COM

MALMSTROM AFB
24 PAA KC-135R
2 SQ FLAGS

MCGUIRE AFB
12 PAA KC-135R
24 PAA KC-10
19 PAA KC-135E(ANG)
1 PAA C-26B (ANG)
5 SQ FLAGS
21 AF HQ

CHARLESTON AFB
12 PAA KC-135R
24 PAA C-17 (48)
3 SQ FLAGS (5)

DAVIS MONTHAN AFB
37 PAA U-2
76 O/A-10
4 SQ FLAGS

KIRTLAND AFB
C4A

McCONNELL AFB
60 PAA KC-135R
5 SQ FLAGS

KELLY AFB OR RANDOLPH AFB
11 PAA C-9
1 SQ FLAG

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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS, SCOTT, BEALE – TRIPLE CLOSURE

OPERATIONAL CONCERNS:

- SOF RETURNING FROM PACIFIC THEATER
  FAIRCHILD RAMP SATURATION
- MIXED HIGHER HEADQUARTERS
  TWO CINC's - DIFFERENT MISSIONS
- REDUCE FROM THREE TO TWO MAJOR TANKER BASES
- TANKERS MOVED TO SE TANKER POOR AREA

LARGE AIRCRAFT BASE COBRA EXCURSIONS

**** RECOMMENDATION ****

BCEG APPROVE RECOMMENDED BASING FOR COBRA EXCURSIONS

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE ASSISTANT SECRETARY

JAN 3 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 November 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. 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 Arnold, NGB/CF
Brig Gen Bradley, AF/RE

b. Other key attendees:

Col Mayfield, AF/RTR
Col Walters, AF/PE
Lt Col Rodefer, AF/XOFC
Lt Col Jarman, AF/XOOT

The meeting was called to order by Maj Gen Blume. On November 22, 1994, the SECAF met to review the Large and Small Aircraft beddowns as directed in the previous meeting. After reviewing all options for closure of small aircraft bases, the SECAF determined that operational considerations (aircraft type, block and engine integrity; base loading; AF units sizing imperatives) would not allow the beddowns from the closure of any small aircraft bases. As a result, she ended further review of the bases in this subcategory for closure or realignment.

During the review of the Large Aircraft bases, AF/XO raised a concern over the turmoil in the tanker community resulting from past organizational realignments and BRAC actions. Because the large aircraft bases were affected by missile wing operations, the SECAF reviewed the missile ratings for the affected bases. An option of closing Minot as an alternative to Grand

Forks was suggested. Minot was selected for further analysis because its missile field was not rated as high as the missile field at Malmstrom AFB. In addition, a different option for Ellsworth AFB was considered, involving the transfer of some B-1 assets to the ANG. This option would partially relieve the concern of "over crowding" Dyess AFB with assets from an Ellsworth closure. After the briefing, the SECAF directed that further analysis be accomplished for the following bases, in combination, including the closure of a missile base:

Grand Forks
Minot
Beale
Ellsworth
Scott

The SECAF then reviewed the Depot tiering. This review was considered without the benefit of any input from the JCSG for Depots. After the review, the SECAF directed that the following options for closure or realignment be further analyzed:

Kelly AFB
McClellan AFB
Kelly and McClellan

Lt Col Jarman, AF/XOOT, briefed the UPT JCSG alternatives received by the Air Force, using the slides at Atch 1. The BCEG noted that Alternatives Two and Three rely on the gain of additional outlying airfields, and decrease available surge capacity at some risk. This is particularly true when Introduction to Fighter Fundamentals and the JPATS extended conversion requirements, not captured in the JCSG process, are added. In general, Alternative One was deemed to be consistent with the Air Force analysis. The ability to follow Alternative One presumed that all other assumptions of that alternative are completed, including actions by other Military Departments.

Lt Col Rodefer, AF/XOFC, briefed force beddowns for Large Aircraft, using the slides at Atch 2. Mr. Orr departed during the discussion of Large Aircraft. During the discussion, the BCEG requested that Edwards AFB be examined as a receiver of tanker aircraft. Mr. McCall raised the issue of moving aircraft force structure into March AFB. Current and future air quality-related restrictions pose threats to mission accomplishment. In addition, the placement of force structure into areas which require drastic measures such as electrification of ramp support may establish a precedent for other bases in areas where air quality is an issue. After discussion, the BCEG voted not to consider March as a receiver for force structure in BRAC 95. The BCEG approved the Large Aircraft excursions as briefed, with the exception of Edwards AFB tanker considerations and March AFB force structure.

There being no further matters to discuss, the meeting was adjourned at 1305. The next BCEG meeting will be at the call of the Co-Chairmen.

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

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. UPT JCSG Alternatives
2. Large Aircraft excursions

JOINT UPT BRAC

ALTERNATIVES FOR MILITARY DEPARTMENT CONSIDERATION

29 Nov 94

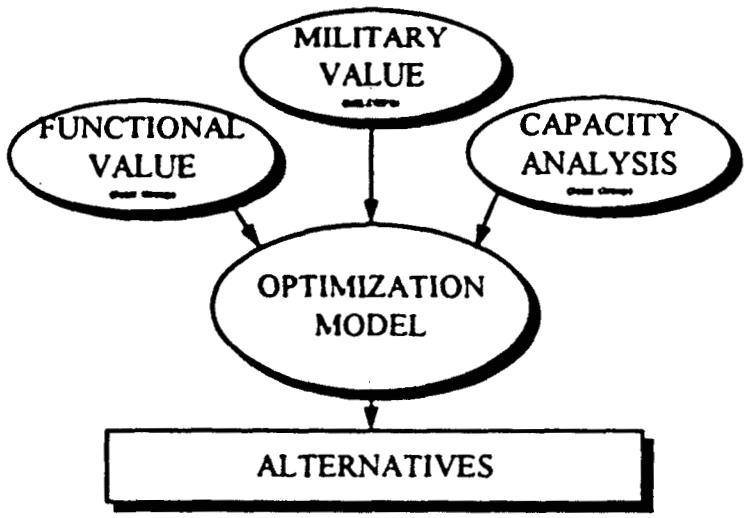
OVERVIEW

- *Process Review/General Observations*
- *Overview of Alternatives*
- *Alternatives and Scenarios*

PROCESS REVIEW: TERMINOLOGY

- *Alternative:* *The designation of how many sites would remain open and which ones would close.*
- *Scenario:* *Distribution of training functions at remaining sites. There are many possible scenarios for each alternative.*
- *Site Closure* *Removing the training function from a site.*

PROCESS REVIEW



GENERAL OBSERVATIONS

- *Capacity Analysis Considered:*
  - *Airfield Operations*
  - *Airspace*
  - *Classrooms*
  - *Simulators*
  - *Ramps, Aprons, Taxiways*

- *Airfield Operations is Normally Limiter*

OVERVIEW OF ALTERNATIVES

- *For All Alternatives:*

  - *Rotary-Wing Training Collocates at Fort Rucker, AL*

  - *Flight Screening Remains at Hondo Municipal Airport, TX, and USAF Academy, CO*

OVERVIEW OF ALTERNATIVES

- *Alternative One: Close Three Sites*
  - *NAS Meridian, MS*
  - *Reese AFB, TX*
  - *NAS Whiting Field, FL*
- *Alternative Two: Close Four Sites*
  - *Above Sites Plus Vance AFB, OK*
- *Alternative Three: Close Five Sites*
  - *Above Sites Plus NAS Corpus Christi, TX*

REGIONAL PAIR" CONCEPT

- *The Following Sites are in Proximity:*

COLUMBUS AFB	*NAS MERIDIAN*
NAS CORPUS CHRISTI	*NAS KINGSVILLE*
NAS PENSACOLA	*NAS WHITING*

- *Question: Can Some Excess Capacity from Closing Sites be Captured for Remaining Site?*

REGIONAL PAIR CONCEPT

AIRFIELD OPERATIONS

CURRENT	784,371	337,008
REDIST	996,770	XX

Meridian outlying field is Joe Foss Field, 8,000 feet, approximately 55 nautical miles from Columbus AFB.

ALTERNATIVE ONE

- *From Optimization Model*
- *Functional Distribution Resulted in Numerous "New Moves"*
- *Illustrative Scenario Used Professional Judgment to Achieve More Realistic Functional Distribution*
  - *Although Illustrative Scenario Used Some Redistribution of Capacity, Other Scenarios Do Not Require Redistribution*

ALTERNATIVE ONE

- *NAS MERIDIAN:* *Close. Strike training to move at discretion of Navy.*
- *REESE AFB:* *Close. SUPT training to move at discretion of Air Force.*
- *NAS WHITING FIELD:* *Close. Move helicopter training to Ft Rucker. Move primary training at discretion of Navy.*
- *FORT RUCKER:* *Gain DON helicopter training.*

ALTERNATIVE ONE SCENARIO

		AIRLIFT-		BOMBER-		PRIMARY	NPO	PANEL	AFLD OPS	AFLD OPS
FIXED-WING UPT	PRIMARY	TANKER	MARITIME	FIGHTER	STRIKE	NPO	STRIKE	NAV	AVAILABLE	REQUIRED
COLUMBUS	370			369					784371	769414
CORPUS	262		273						537240	438280
KINGSVILLE					372				751904	714984
LAUGHLIN	681								787572	787236
MERIDIAN										
PENSACOLA	301					718	312		647815	646452
RANDOLPH	520							222	619768	613108
REESE										
SHEPPARD	359			250					646988	646504
VANCE		752							685390	304660
WHITING										
TOTAL UPT	2493	752	273	619	372	718	312	222	5461048	4920538
ROTARY WING	UHPT									
FT RUCKER	1481								7441016	1907528
FLT SCREENING	FLT SCR									
HONDO	1037								554664	545462
USAFA	1036								651630	544936
TOTAL	2073								1206294	1090398

ASSUMPTIONS:

1. **NAS Kingsville uses excess capacity from existing OLF.**
2. **NAS Pensacola uses excess capacity from existing OLF.**

ALTERNATIVE TWO

- *Used Alternative One as Baseline*
  - *Held Same Three Sites Closed*
  - *Redistributed Capacity From Closed Sites*
- *Optimization Model Selected Additional Site for Closure*
- *Illustrative Scenario Used Professional Judgment to Achieve More Realistic Functional Distribution*
  - *Also Postulates MILCON for Ramp Space and Redistribution of Airspace*

ALTERNATIVE TWO

• *NAS MERIDIAN:*	*Close. Strike training to move at discretion of Navy.*
• *REESE AFB:*	*Close. SUPT training to move at discretion of Air Force.*
• *VANCE AFB:*	*Close. SUPT training to move at discretion of Air Force.*
• *NAS WHITING FIELD:*	*Close. Move helicopter training to Ft Rucker. Move primary training at discretion of Navy.*
• *FORT RUCKER:*	*Gain DON helicopter training.*

ALTERNATIVE TWO SCENARIO

	PRIMARY	AIRLIFT-TANKER	MARITIME	BOMBER-FIGHTER	STRIKE	PRIMARY NPO	NPO STRIKE	PANEL NAV	AFLD OPS AVAILABLE	AFLD OPS REQUIRED
COLUMBUS	566			369					996770	995990
CORPUS	347		273						537240	536540
KINGSVILLE					372				751904	714984
LAUGHLIN	681								787572	787236
MERIDIAN										
PENSACOLA	301					718	312		647815	646452
RANDOLPH	239	752						222	619768	592832
REESE										
SHEPPARD	359			250					646988	646504
VANCE										
WHITING										
TOTAL	2493	752	273	619	372	718	312	222	4988057	4920538
ROTARY WING	UHPT									
FT RUCKER	1481								7441016	1907528
FLT SCREENING	FLT SCR									
HONDO	1037								554664	545462
USAFA	1036								651630	544936
TOTAL	2073								1206294	1090398

ASSUMPTIONS:

1. NAS Kingsville uses excess capacity from existing OLF.
2. Columbus AFB uses excess capacity from existing OLF.
3. NAS Pensacola uses excess capacity from existing OLF.
4. Randolph AFB uses some NAS Corpus Christi airspace.
5. Requires MILCON for approximately 25,000 sq yds ramp space at Columbus AFB.

ALTERNATIVE THREE

- *Used Alternative Two as Baseline*
  - *Held Same Sites Closed*
- *Extended Concept of Regional Pairs*
  - *Additional Closure Site Manually Selected from Remaining Regional Pair, Capacity Redistributed*
  - *Also Achieved Additional Capacity Through MILCON to Extend Existing OLFs*
- *Illustrative Scenario Reflects Professional Judgment of One Plausible Functional Spread*
  - *Also Postulates Redistribution of Airspace*

ALTERNATIVE THREE

- *NAS CORPUS CHRISTI:* *Close. primary, maritime training to move at discretion of Navy*
- *NAS MERIDIAN:* *Close. Strike training to move at discretion of Navy.*
- *REESE AFB:* *Close. SUPT training to move at discretion of Air Force.*
- *VANCE AFB:* *Close. SUPT training to move at discretion of Air Force.*
- *NAS WHITING FIELD:* *Close. Move helicopter training to Ft Rucker. Move primary training at discretion of Navy.*
- *FORT RUCKER:* *Gain DON helicopter training.*

ALTERNATIVE THREE SCENARIO

	PRIMARY	AIR UPT TANKER	MARITIME	BOMBER FIGHTER	STRIKE	PRIMARY NFO	NFO STRIKE	PANEL NAV	AFLD OPS AVAILABLE	AFLD OPS REQUIRED
COLUMBUS	684			223					996770	997202
CORPUS										
KINGSVILLE				146	372				966800	850180
LAUGHLIN	681								787572	787236
MERIDIAN										
PENSACOLA	507		273			718	312		1019840	1019996
RANDOLPH	262	752						222	619768	619420
REESE										
SHEPPARD	359			280					646908	646504
VANCE										
WHITING										
TOTAL	2493	752	273	619	372	718	312	222	5037738	4920538
ROTARY WING	UNIPT									
FT RUCKER	1481								7441016	1907528
FLT SCREENING	FLT SCR									
HONDO	1037								554664	545462
USAFA	1036								651630	544936
TOTAL	2073								1206294	1090398

ASSUMPTIONS:

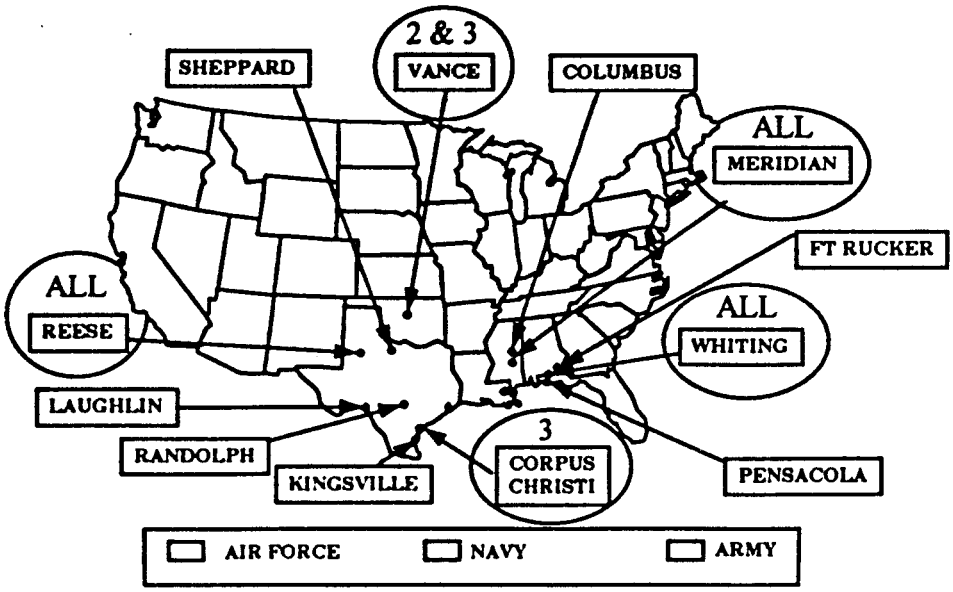
1. NAS Kingsville uses excess capacity from existing OLF.
2. Columbus AFB uses excess capacity from existing OLF.
3. NAS Pensacola uses excess capacity from existing OLFs: two of these airfields require runway extensions to 5,000 feet to be useable.
4. Randolph AFB uses some NAS Corpus Christi airspace.

CAPACITY SUMMARY

	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]

Note: Alternative Three Capacity Increased Slightly Due to MILCON to Make Outlying Fields Useable for JPATS.

VISUAL SUMMARY



PARTING SHOT--CAVEATS

- *Capacity Analysis Did Not Capture:*
  - *Graduate Level Courses/Collateral Functions Such As Introduction to Fighter Fundamentals (IFF)*
  - *Disruption Resulting from Functional Moves*
  - *Disruption Resulting from Conversion to New Training Systems (JPATS)*

REGIONAL PAIR CONCEPT

AIRFIELD OPERATIONS

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

CRITERIA I COBRA ASSUMPTIONS

LARGE AIRCRAFT BASES

COBRA EXCURSIONS

MAJOR RICHARD JOHNSTON
AF/XOFM
MOBILITY FORCES DIVISION

C:\COB_AB97.PPT

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTIONS REVIEWED:

- MINOT AFB -- SINGLE CLOSURE: WITH THREE SUB-OPTIONS: (OPTION A: NOT W/ELLSWORTH AFB OPTION C: NOT W/BEALE)
- BEALE AFB -- SINGLE CLOSURE
- SCOTT AFB -- SINGLE CLOSURE
- GRAND FORKS AFB -- SINGLE CLOSURE
- MALMSTROM AFB -- SINGLE CLOSURE
- ELLSWORTH AFB -- SINGLE CLOSURE

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LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

ASSUMPTIONS:

- MAINTAIN MAJCOM BASE INTEGRITY TO MAX EXTENT POSSIBLE
- MINIMIZE ADVERSE CONUS/OCONUS RATIO
- MINIMIZE ADVERSE AIR QUALITY IMPACT

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LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION ONE

MINOT AFB -- SINGLE CLOSURE

THREE SUB-OPTIONS REVIEWED:

OPTION 1A: B-52s TO ELLSWORTH
OPTION 1B: B-52s TO FAIRCHILD
OPTION 1C: B-52s TO BEALE

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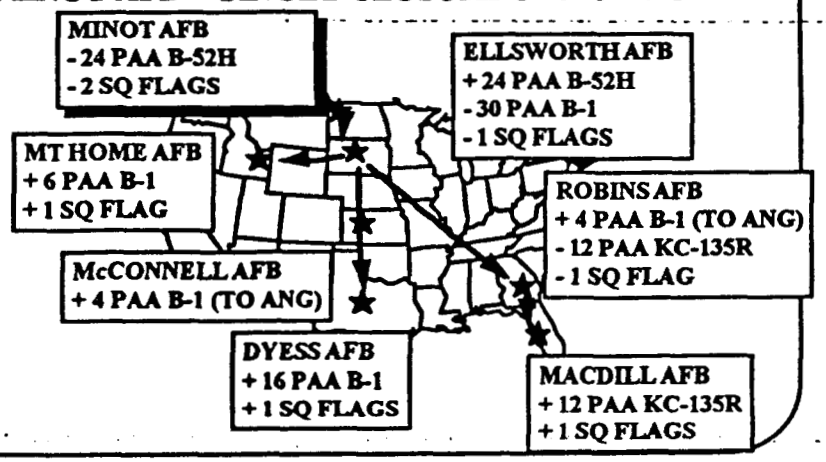
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1A



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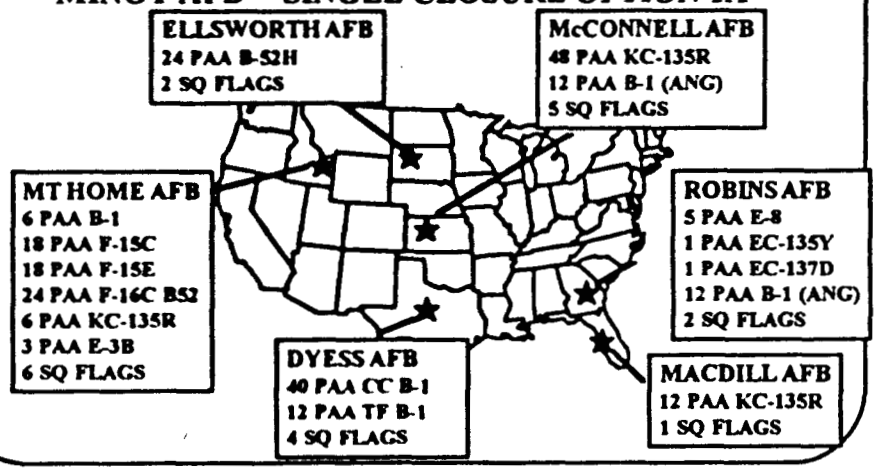
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1A



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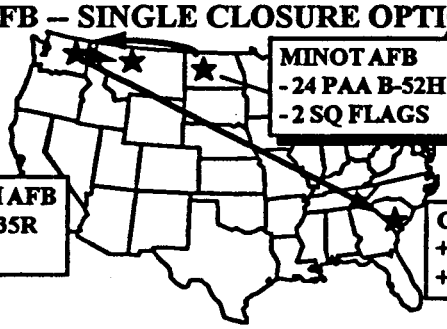
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1B



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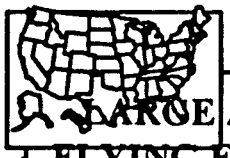

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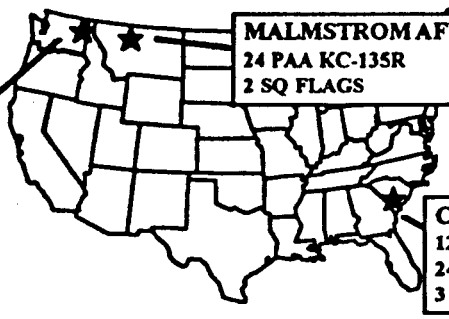
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1B



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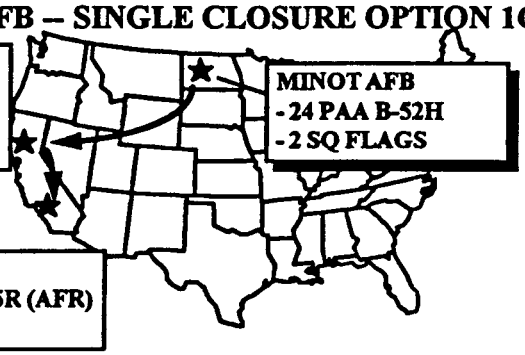
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1C



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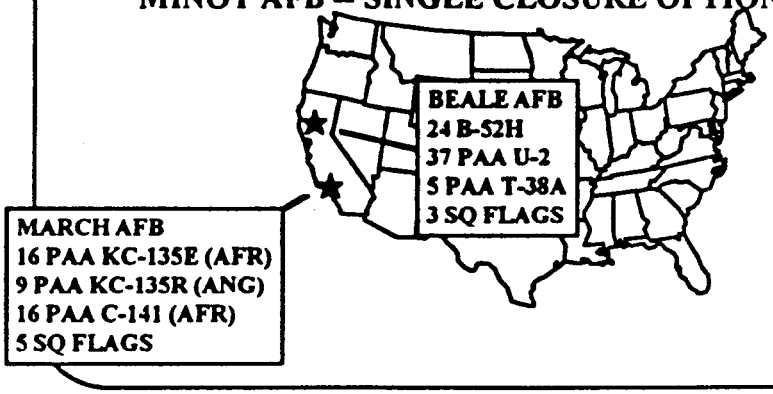
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1C



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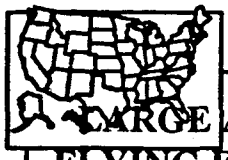

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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE

OPERATIONAL CONCERNS:

- PATTERN/RAMP SATURATION AT DYESS – 4 B-1 SQs + 2 C-130 SQs – OPTION A
- TANKERS MOVED TO SE TANKER POOR AREA – 1 SQ – OPTION B
- PATTERN/RAMP SATURATION AT FAIRCHILD – 2 B-52 SQs + 4 KC-135 SQs – OPTION B
- MIXED MAJCOM's – OPTION B
- IF COUPLED W/BEALE AFB CLOSURE - PACAF SOF BEDDOWN? – OPTION B
- FIND NEW PACAF SOF BEDDOWN (FAIRCHILD?) – OPTION C
- AIR QUALITY AT BEALE - OPTION C

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BCEG CLOSE HOLD

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION TWO

BEALE AFB -- SINGLE CLOSURE

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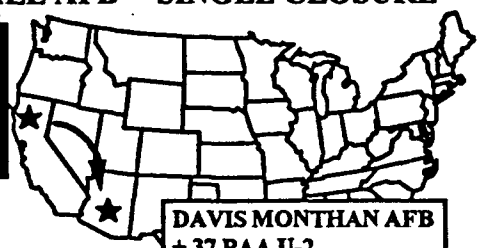
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

BEALE AFB – SINGLE CLOSURE

BEALE AFB
- 37 PAA U-2
- 5 PAA T-38A
- 1 SQ FLAG
- 8 PAA KC-135 (AFR)



DAVIS MONTHAN AFB
+ 37 PAA U-2
+ 5 PAA T-38A
+ 1 SQ FLAG

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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

BEALE AFB – SINGLE CLOSURE

DAVIS MONTHAN AFB
37 PAA U-2
5 PAA T-38A
1 SQ FLAG
76 O/A-10
4 SQ FLAGS

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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

BEALE AFB – SINGLE CLOSURE

OPERATIONAL CONCERNS:

- REVERSES OPERATIONAL DECISION TO MOVE U-2s FROM DAVIS-MONTHAN
  - PATTERN INCOMPATIBILITY W/OTHER AIRCRAFT
  - SINGLE ENGINE AIRCRAFT/RUNWAY ENCROACHMENT
  - CROSSWIND LANDINGS

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LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION THREE

SCOTT AFB -- SINGLE CLOSURE

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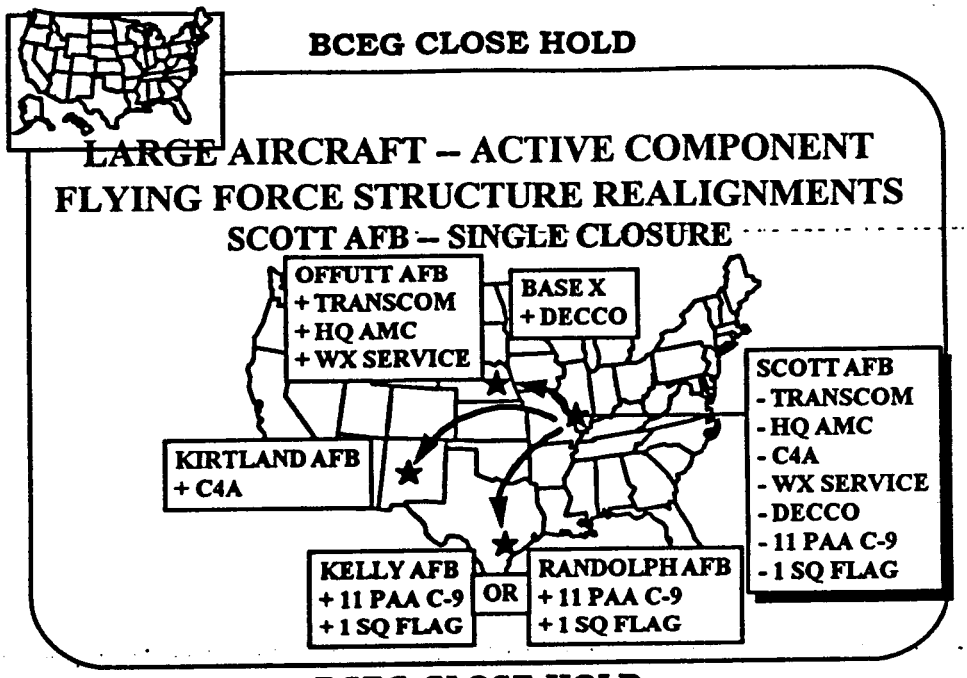
BCEG CLOSE HOLD
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SCOTT AFB – SINGLE CLOSURE
OFFUTT AFB
+ TRANSCOM
+ HQ AMC
+ WX SERVICE
BASE X
+ DECCO
SCOTT AFB
- TRANSCOM
- HQ AMC
- C4A
- WX SERVICE
- DECCO
- 11 PAA C-9
- 1 SQ FLAG
KIRTLAND AFB
+ C4A
KELLY AFB
+ 11 PAA C-9
+ 1 SQ FLAG
OR
RANDOLPH AFB
+ 11 PAA C-9
+ 1 SQ FLAG
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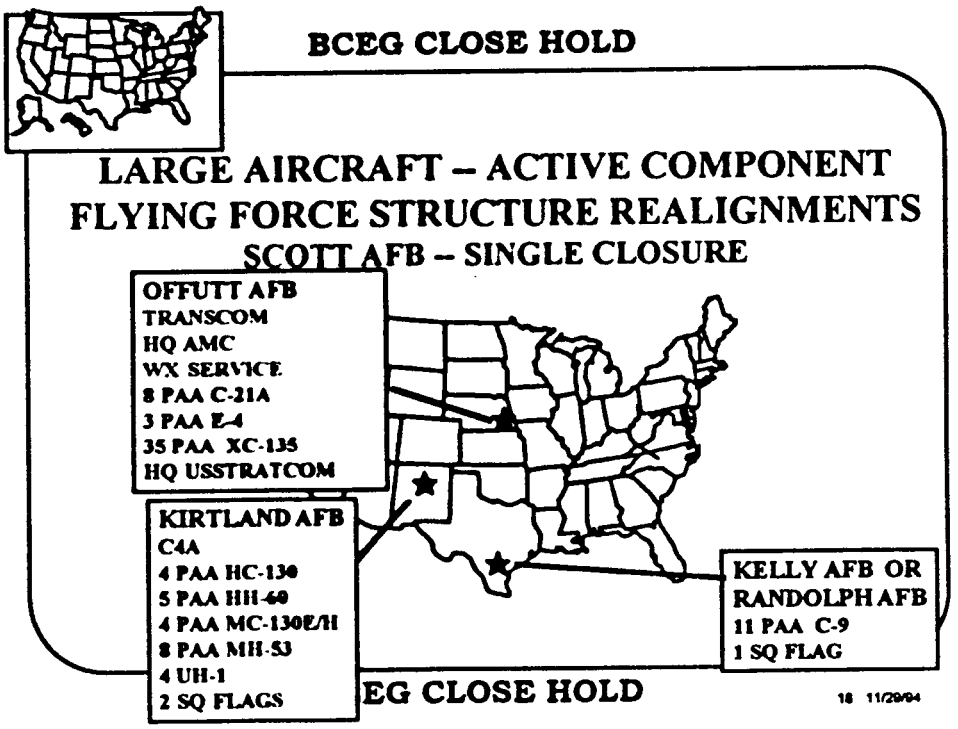
BCEG CLOSE HOLD
LARGE AIRCRAFT – ACTIVE COMPONENT
FLYING FORCE STRUCTURE REALIGNMENTS
SCOTT AFB – SINGLE CLOSURE
OFFUTT AFB
TRANSCOM
HQ AMC
WX SERVICE
8 PAA C-21A
3 PAA E-4
35 PAA XC-135
HQ USSTRATCOM
KIRTLAND AFB
C4A
4 PAA HC-130
5 PAA HH-60
4 PAA MC-130E/H
8 PAA MH-53
4 UH-1
2 SQ FLAGS
KELLY AFB OR
RANDOLPH AFB
11 PAA C-9
1 SQ FLAG
EG CLOSE HOLD
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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS
SCOTT AFB – SINGLE CLOSURE

OPERATIONAL CONCERNS:

- MIXED HIGHER HEADQUARTERS
  TWO CINC's - DIFFERENT MISSIONS
- REDUCED HQ AMC/TACC SERVICE DURING MOVE

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

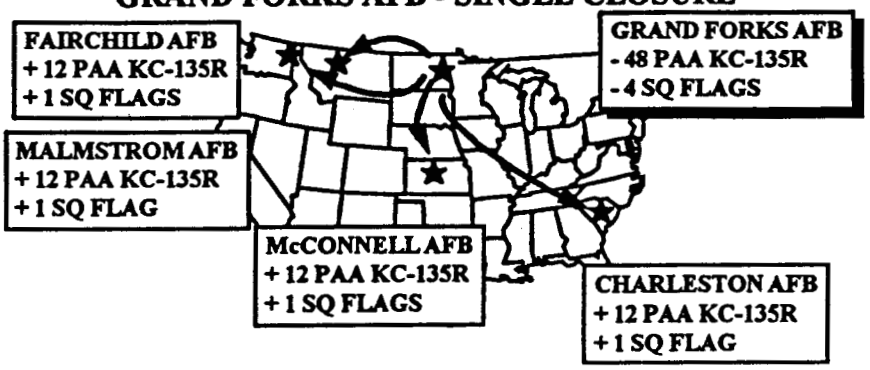
OPTION FOUR

GRAND FORKS AFB -- SINGLE CLOSURE

BCEG CLOSE HOLD

LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB - SINGLE CLOSURE



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB – SINGLE CLOSURE

BCEG CLOSE HOLD

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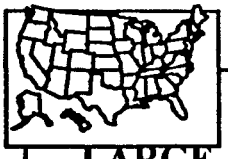

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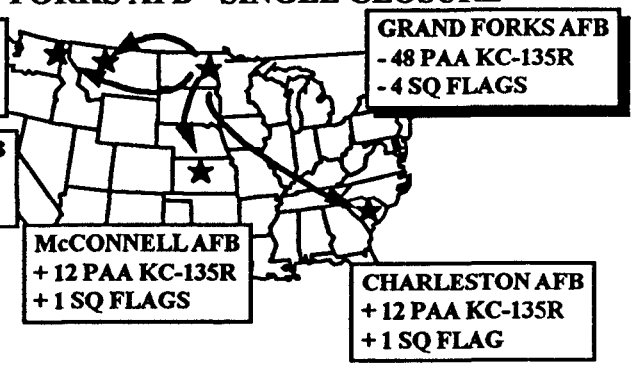
LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB - SINGLE CLOSURE



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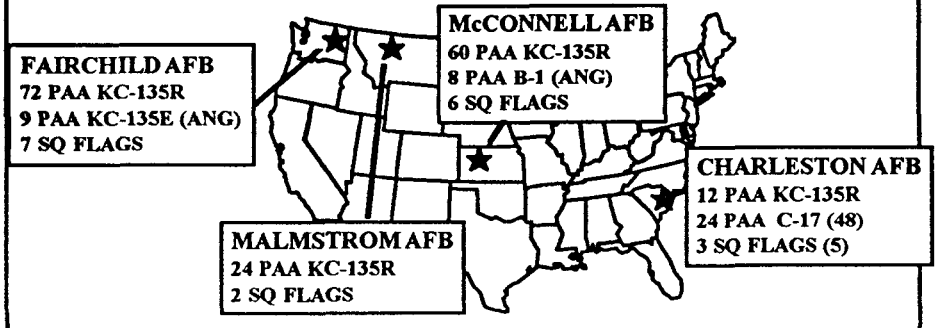
LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB -- SINGLE CLOSURE



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB - SINGLE CLOSURE

OPERATIONAL CONCERNS:

- TANKERS MOVED TO SE TANKER POOR AREA - ONE SQ
- FAIRCHILD RAMP/PATTERN SATURATION - SEVEN SQ's
- IF COUPLED W/BEALE AFB CLOSURE - PACAF SOF BEDDOWN

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LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION FIVE

MALMSTROM AFB -- SINGLE CLOSURE

BCEG CLOSE HOLD

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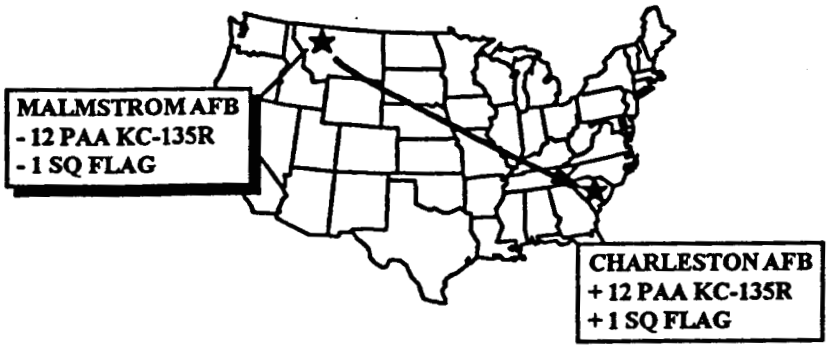
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MALMSTROM AFB - SINGLE CLOSURE



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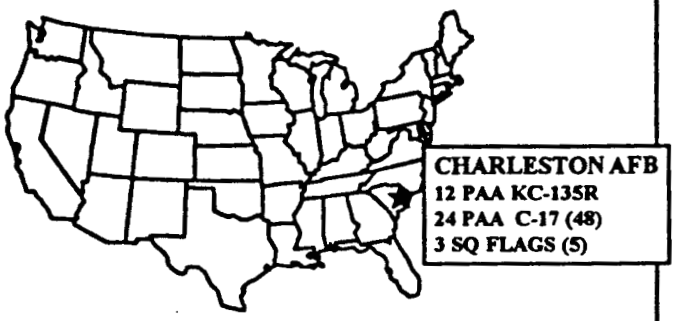
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MALMSTROM AFB – SINGLE CLOSURE



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS
MALMSTROM AFB - SINGLE CLOSURE

OPERATIONAL CONCERNS:

- TANKERS MOVED TO SE TANKER POOR AREA - ONE SQ

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION SIX

ELLSWORTH AFB -- SINGLE CLOSURE

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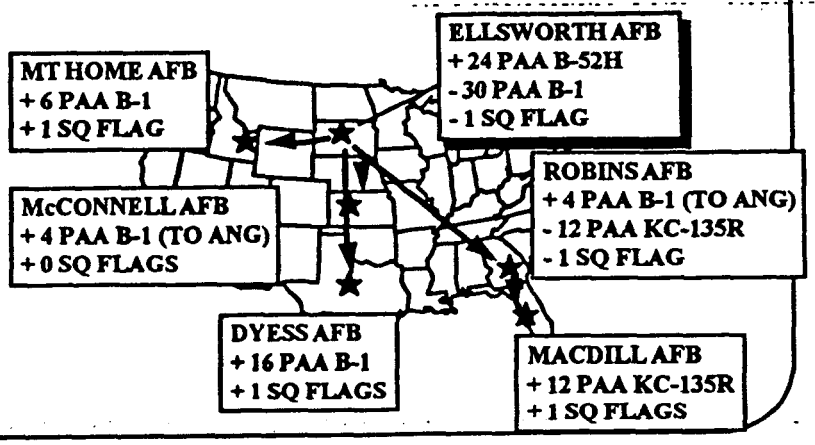
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

ELLSWORTH AFB – SINGLE CLOSURE



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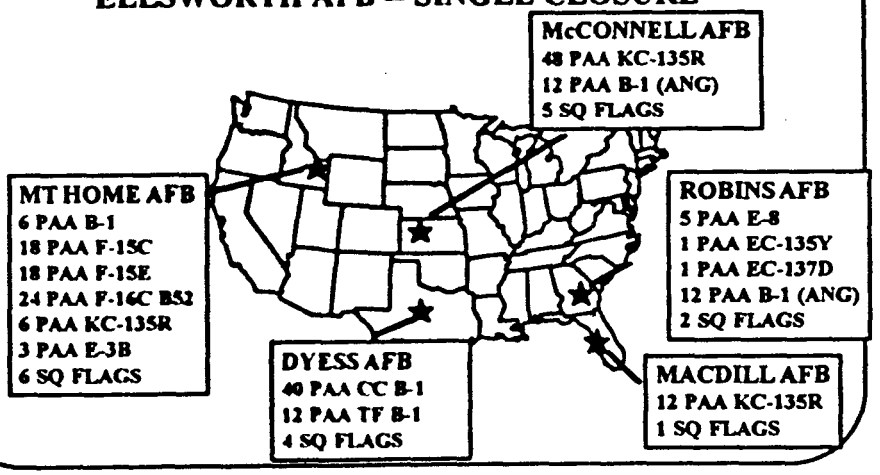
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

ELLSWORTH AFB – SINGLE CLOSURE



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS
ELLSWORTH AFB – SINGLE CLOSURE

OPERATIONAL CONCERNS:

- TANKERS MOVED TO SE TANKER POOR AREA - 1 SQ - OPTION A
- PATTERN/RAMP SATURATION AT DYESS – 4 B-1 SQs + 2 C-130 SQs
- INCREASES ANG ENDSTRENGTH

LARGE AIRCRAFT BASE COBRA EXCURSIONS

** RECOMMENDATION **

BCEG NARROW MINOT OPTIONS AND APPROVE BASING FOR COBRA EXCURSIONS

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 30 November 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
Maj Gen McGinty, AF/DPP
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
Lt Col Rodefer, AF/XOFC
Maj Richardson, AF/RE

The meeting was called to order by Mr. Boatright. Lt Col Rodefer, AF/XOFC, briefed Large Aircraft beddown excursions reflecting BCEG-directed changes, using the slides at Atch 1. He noted that the B-52 aircraft from Minot cannot be placed into Ellsworth because of pressure/altitude limitations, particularly in warm weather. He also noted that Beale AFB has air quality limitations for accepting KC-135E aircraft from the AFRES. The BCEG approved not moving Minot aircraft to Ellsworth and the other options as briefed.

Maj Richardson, AFRES, briefed the AFRES C-130 base analysis, using the slides at Atch 2. In Criterion I, Apron was the most common limit for pavement subelements. For Operations Effectiveness, MOA airspace was limited by the size requirement of MOAs. In some cases, existing MOAs were not viewed as available because they failed to meet the size requirements.

Brig Gen Bradley asked that other factors be considered in this category. One of these considerations is leaving one unit in each state, since an AFRES principle is to maximize

visibility in communities across America. In addition, he stated that Location and Recruiting are the most important factors for considering these bases. Mr. Boatright noted that cost and savings issues are not as significant because of the low figures, and there is not much distinction among units. After reviewing the criteria, the BCEG deferred tiering until later.

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.

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

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

JAMES F. BOATRIGHT
Co-Chairman

Attachments
1. Large Aircraft excursions
2. AFRES C-130 Analysis

BCEG CLOSE HOLD

CRITERIA I COBRA ASSUMPTIONS

LARGE AIRCRAFT BASES

COBRA EXCURSIONS

MAJOR RICHARD JOHNSTON

AF/XOFM

MOBILITY FORCES DIVISION

C:\COB_AB97.PPT

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LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION ONE

MINOT AFB -- SINGLE CLOSURE

THREE SUB-OPTIONS REVIEWED:

OPTION 1A: B-52s TO ELLSWORTH
OPTION 1B: B-52s TO FAIRCHILD
OPTION 1C: B-52s TO BEALE

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ATCH 1

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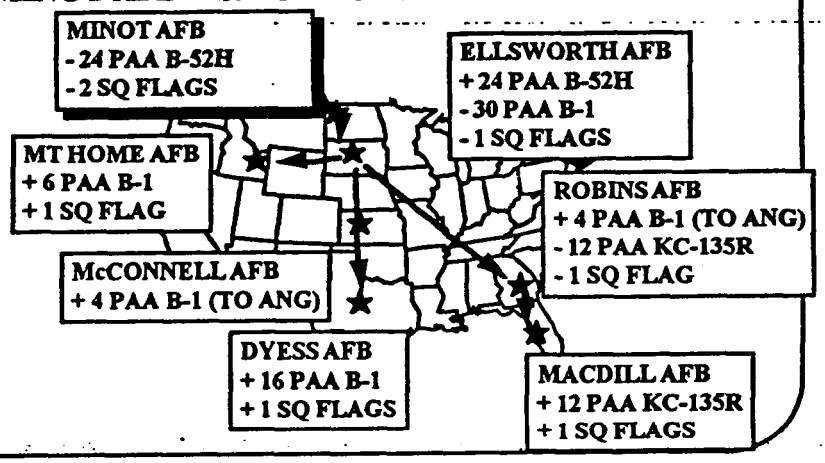
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1A



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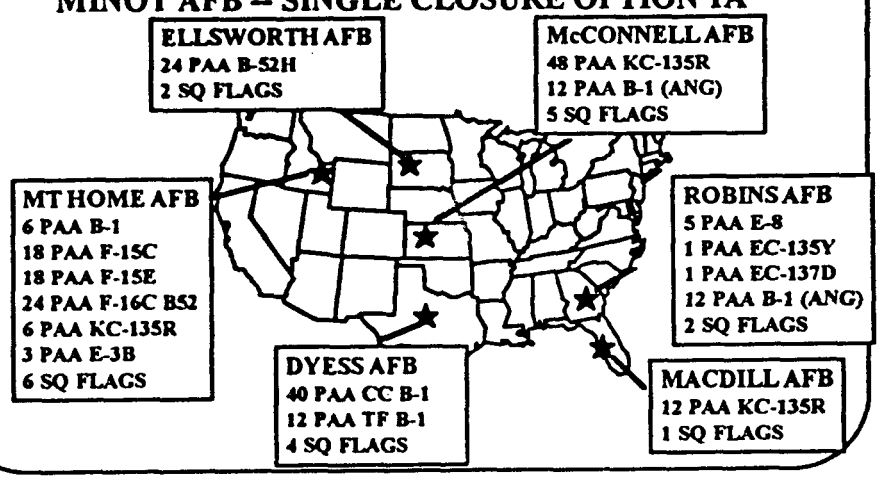
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1A



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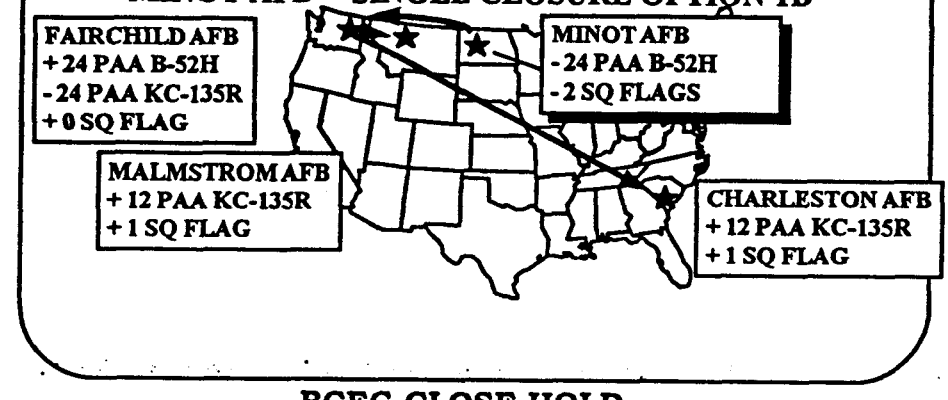
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1B



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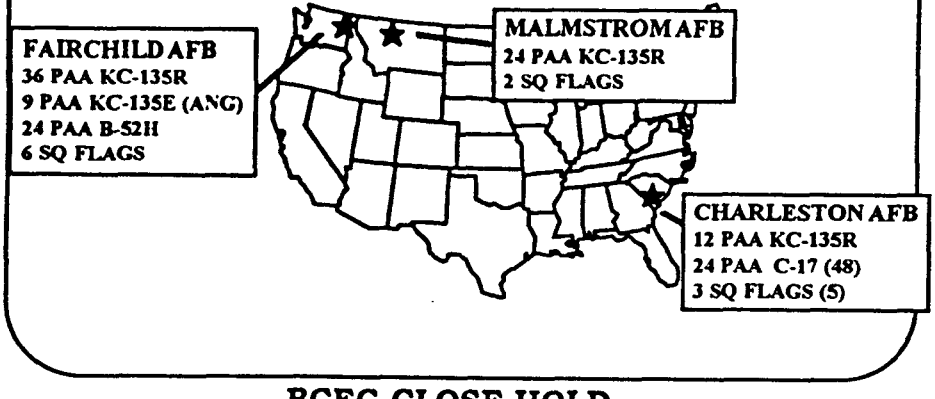
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1B



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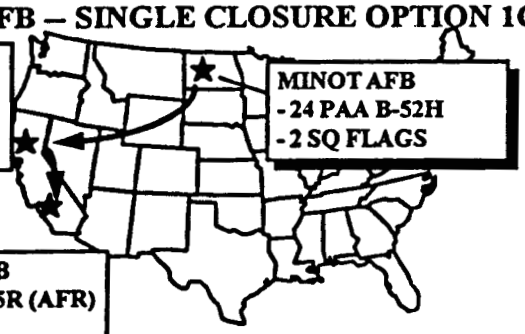
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1C



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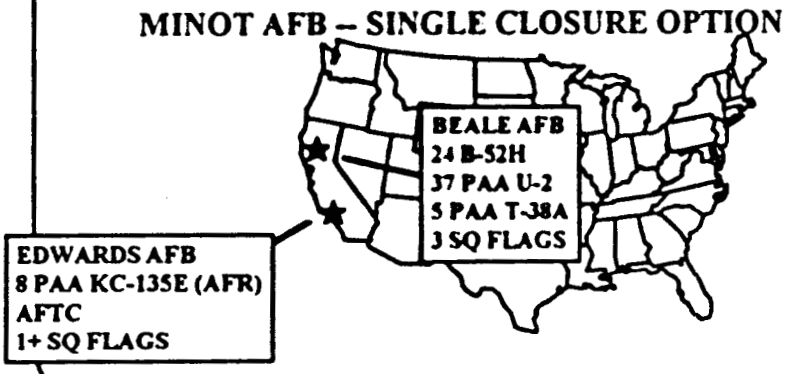
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB – SINGLE CLOSURE OPTION 1C



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LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

MINOT AFB -- SINGLE CLOSURE

OPERATIONAL CONCERNS:

- PATTERN/RAMP SATURATION AT DYESS – 4 B-1 SQs + 2 C-130 SQs –OPTION A
- SIOP DEGREDATION AT ELLSWORTH – OPTION A
- TANKERS MOVED TO SE TANKER POOR AREA – 1 SQ – OPTION B
- PATTERN/RAMP SATURATION AT FAIRCHILD – 2 B-52 SQs + 4 KC-135 SQs – OPTION B
- MIXED MAJCOM's – OPTION B
- IF COUPLED W/BEALE AFB CLOSURE - PACAF SOF BEDDOWN? – OPTION B
- FIND NEW PACAF SOF BEDDOWN (FAIRCHILD?) – OPTION C
- AIR QUALITY AT EDWARDS – OPTION C

LARGE AIRCRAFT -- ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

OPTION FOUR

GRAND FORKS AFB -- SINGLE CLOSURE

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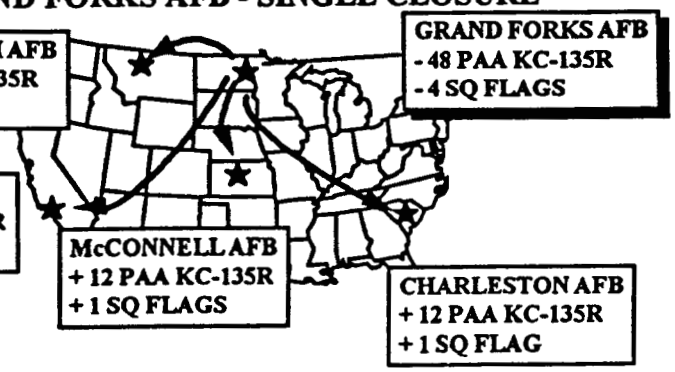
LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB - SINGLE CLOSURE



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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB – SINGLE CLOSURE

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LARGE AIRCRAFT – ACTIVE COMPONENT FLYING FORCE STRUCTURE REALIGNMENTS

GRAND FORKS AFB - SINGLE CLOSURE

OPERATIONAL CONCERNS:

- TANKERS MOVED TO SE TANKER POOR AREA - ONE SQ
- TANKERS MOVED TO SW TANKER POOR AREA - ONE SQ

LARGE AIRCRAFT BASE COBRA EXCURSIONS

** RECOMMENDATION **

BCEG NARROW MINOT OPTIONS AND APPROVE BASING FOR COBRA EXCURSIONS

AIR FORCE BCEG ARC ANALYSIS

AFRES SUB-CATEGORY C-130 GROUP ANALYSIS

BCEG CLOSE HOLD

1

AIR FORCE BCEG ARC ANALYSIS

AGENDA

- Review
  - Criteria I, II, III, VI, VII, and VIII Grades
  - Level Playing Field COBRA Results
    - Assumption Used
- Overall Criteria Roll-Ups
- BCEG Discussion
- Tiering of AFRES C-130 Installations

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2

ATCH 2

AIR FORCE BCEG ARC ANALYSIS

AFRES SUB-CATEGORY
C-130 GROUP

BASE	AIRFIELD OPERATOR	COLLOCATED UNITS
DOBBINS	AFR	NAVY / AR / ANG / AD
GEN MITCHELL	CIV	AFR / ANG / AR
MINN-ST PAUL	CIV	NAVY / ANG / AFR
NIAGARA	CIV	AFR / ANG / NG
O'HARE	CIV	AFR / ANG
PITTSBURGH (AFR)	CIV	AFR
WILLOW GROVE	NAVY	AFR / ANG / AR
YOUNGSTOWN	CIV	AFR

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3

AIR FORCE BCEG ARC ANALYSIS

CRITERION I WEIGHTS

OPERATIONAL EFFECTIVENESS 70%
- BOS INTEGRATION (20% / 14%)
- ARC OPERATIONS (80% / 56%)

RUNWAY TAXIWAY APRON 10%
- FIGHTER MISSION (25% / 0.03%)
- BOMBER MISSION (25% / 0.03%)
- TANKER MISSION (25% / 0.03%)
- AIRLIFT MISSION (25% / 0.03%)

LEGEND
(SUB ELEMENT WT % / OVERALL WT %)

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4

AIR FORCE BCEG ARC ANALYSIS

CRITERIA I SUB-ELEMENTS (CONT)

OPERATIONAL EFFECTIVENESS

- BOS INTEGRATION (20% /14%)
  - POL (20% / 2.8%)
  - SECURITY (20% / 2.8%)
  - BASE SUPPLY (20% / 2.8%)
  - TOWER/ATC (20% / 2.8%)
  - BASE CE (20% / 2.8%)
- ARC OPERATIONS (80% / 56%) — GENERIC OP SPT
  - FIGHTER
  - TANKER
  - AIRLIFT
  - BOMBER (0%)

Primary Mission (70% / 29.4%)

Other Two (15% / 6.3%) Each

LEGEND
(SUB ELEMENT WT % / OVERALL WT %)

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AIR FORCE BCEG ARC ANALYSIS

CRITERIA I SUB-ELEMENTS (CONT)

GENERIC OP SPT (80% / 56%)

- FIGHTER
  - Supersonic ACST MOAs (15%/ 4.4% / 1%)
  - Other ACST MOA's & Areas (15%/ 4.4% / 1%)
  - Low Alt MOAs (15% / 4.4% / 1%)
  - Scorable Range Complexes (15% / 4.4% / 1%)
  - EC Range W/in 250 MI (8%/ 2.4% / 0.5%)
  - GND Forcesim/TAC Acft Employ (8% / 2.4% / 0.5%)
  - ACMI (8%/ 2.4% / 0.5%)
  - PSWD (8%/ 2.4% / 0.5%)
  - # of VR/IR Routes (8%/ 2.4% / 0.5%)
- TANKER
  - Refueling Events W/in 700 M (33%/ 9.7% / 2%)
  - Tanker Saturation (33%/ 9.7% / 2%)
  - Distance to Concentrated Rcvr (33%/ 9.7% / 2%)
- AIRLIFT
  - DZs (Form/day/heavy equpt) (25%/ 7.3% / 1.8%)
  - Airdrop Employment Requirements (25%/ 7.3% / 1.8%)
  - Full Scale Airdrop Availability (25%/ 7.3% / 1.8%)
  - # of VR/IR Routes (25%/ 7.3% / 1.8%)
  - Air refueling Routes (0%)
- BOMBER (0%)

LEGEND
(SUB ELEMENT WT % / OVERALL WT %)
(As Primary Then Other)

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AIR FORCE BCEG ARC ANALYSIS

CRITERIA II WEIGHTS AF/CEP and AF/CEVP

- Same as the Operations Large and Small Sub-Categories
- Except, the Below Criteria II Sub-Elements will be N/A and treated as Null Values:
  - Facility Military Family Housing — N/A (Null)
    - » AFRES Installations do not have MFH
  - Encroachment, Existing Local Community — N/A (Null)
    - » Many AFRES Installations Lack AICUZ Data
  - Encroachment, Future Local Community — N/A (Null)
    - » Many AFRES Installations Lack AICUZ Data

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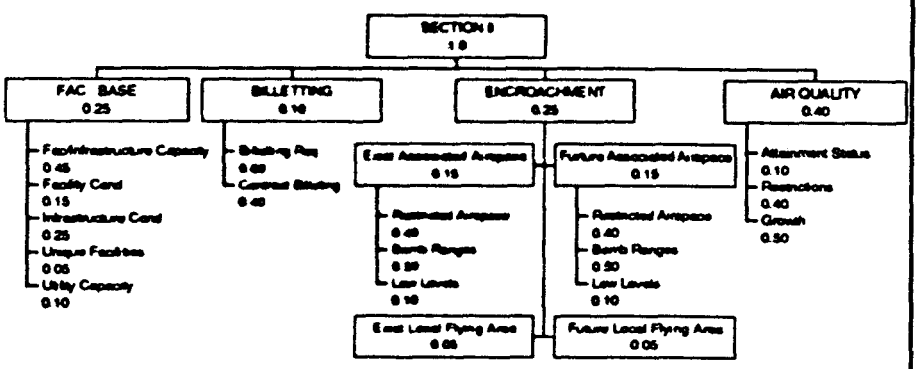
AIR FORCE BCEG ARC ANALYSIS

CRITERIA II WEIGHTS (CONT) AF/CEP and AF/CEVP



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AIR FORCE BCEG ARC ANALYSIS

CRITERIA III WEIGHTS AF/LGMM

- Same as the Other Aircraft Categories
- BCEG Previously Reviewed and Approved the Grades.

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AIR FORCE BCEG ARC ANALYSIS

CRITERIA VI WEIGHTS AF/CEVP

- Same as the Other Categories Criteria and Weights
- Except the AF/CEVP Model Count
  - Drill Authorizations are not counted as per DoD direction
  - ARTs as DoD Civilians
  - ART Drill Positions are Not Counted
- BCEG Previously Reviewed and Approved the Grades.

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AIR FORCE BCEG ARC ANALYSIS

CRITERIA VII WEIGHTS AF/RTR

- Disregarded the Other Categories' Criteria and Weights
- Used:

RECRUITING
- % OF RECRUITABLE AGE (1X)
- RECRUITING AREA POPULATION (1X)
- OTHER LOCAL ARC UNITS (1X)
- POP/# OF ARC UNITS (2X)

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AIR FORCE BCEG ARC ANALYSIS

CRITERIA VIII WEIGHTS AF/CEVP

- Same as the Other Aircraft Categories
- BCEG Previously Reviewed and Approved the Grades.

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AIR FORCE BCEG ARC ANALYSIS

AFRES SUB-CATEGORY
C-130 GROUP LEVEL PLAYING FIELD
COBRA

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AIR FORCE BCEG ARC ANALYSIS

CRITERIA IV/V FACTORS
AF/RTR

- BRACal Model As Adjusted for ARC Limitations
  - Sq PAA Size (8 PAA C-130 Sq)
  - No Military Family Housing
  - No Dormitory and Dining Facilities
- COBRA Model Adjusted for ARC
  - ARTs as DoD Civilians
  - Drill Authorizations not Counted
  - Recruiting & Retraining Added as Onetime Cost

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AIR FORCE BCEG ARC ANALYSIS

COBRA ASSUMPTION USED

- Only the AFRES Unit(s) Moved; Any Collocated DoD Units Remained
  - Transferred BOS Cost Factored In the COBRA
- All the AFRES C-130 Units Realigned to NAS New Orleans
- Dobbins Assumption
  - HQ 22nd AF Realigned to Westover
  - Plant 6 Remained

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AIR FORCE BCEG ARC ANALYSIS

COBRA RESULTS

	ONETIME COST	NPV	PERS SAVINGS	ROI	STEADY STATE	REMARKS
Dobbins	$20.1M	(110)	145	3 Yr	9.5	Afld 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	

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