



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

8 Mar 04

MEMORANDUM FOR HQ AFMC/XP

SUBJECT: 2005 Base Realignment and Closure (BRAC) Initial Capacity Analysis Briefings
(Suspense: See Atch 1)

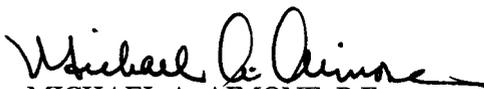
References: (a) Public Law 101-510, as amended, The Defense Base Closure and Realignment Act of 1990

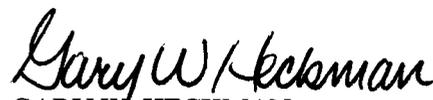
An important step in the Air Force BRAC 2005 analysis process is to obtain from each MAJCOM an initial assessment of capacity on its installations. These assessments will be incorporated in the subsequent steps in the process and will be an important cueing device in the process of developing aircraft basing scenarios from which recommendations will be formed. These assessments need to be completed and briefed to the Base Closure Executive Group by the end of April to meet schedule requirements. As promised during the MacDill BRAC workshop, this memo and its attachments provide the instructions, formats and proposed schedule to use in preparing and presenting the subject briefings.

This effort will be based on the force structure as of 30 Sep 03, the certified data collected in Data Call #1 and the templates your staffs have developed for the various weapons systems. The assessment will identify the potential for adding units of similar force structure considering existing conditions, facilities, additional construction requirements, and operational and environmental constraints. Each briefing must be accompanied by the documentation supporting the briefing's contents and a certification identical to that submitted with Data Call #1.

The briefings to the BCEG the last week of April will be an opportunity for each command to present its views. Because this effort is focused on operational facilities, we agree your response should be limited to providing the information on available facilities to the respective MAJCOMs with flying tenants on AFMC installations. We requested the other Command XPs brief or attend their command's briefing to the BCEG to ensure questions that may arise are answered at the appropriate level of authority. Although you will not be required to present a separate briefing, we encourage you to attend the briefings involving tenants on your installations.

We know this task will require significant effort from your staffs, but it is very important that the BCEG have the MAJCOM perspective. We greatly appreciate your attention to this matter. We look forward to seeing the results of your effort. Please contact us directly at DSN 227-2549 if you have questions. The SAF/IEBB points of contact are Lt Col Chris Kapellas, DSN 222-9510 and Mr. Paul Freund, DSN 227-2995.


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4 Attachments listed on next page

Attachments:

- 1. Briefing Schedule**
- 2. Instructions for preparing briefings**
- 3. Briefing format**
- 4. Base and Mission Template Table**

Proposed Capacity Analysis Briefing Schedule

Command	Date for Briefing to BCEG
AETC	26 Apr 04
AFSOC	26 Apr 04
AFRC	27 Apr 04
PACAF	27 Apr 04
AMC	28 Apr 04
AFSPC	28 Apr 04
ACC	29 Apr 04
ANG	30 Apr 04

INSTRUCTIONS FOR PREPARING COMMAND INITIAL CAPACITY ANALYSIS BRIEF

1. General.

a. Each Command except AFMC will prepare a briefing in MS PowerPoint in the specified format with supporting documentation depicting the information required in these instructions. Briefing and supporting documentation should be unclassified.

b. Installations. Commands will include all installations for which data was collected in Data Call 1. Installations are also identified by command in the lists at Atch 4.

c. Changing force structure. Use force structure as of 30 Sep 03. For bases where changes are projected, use the force structure that was publicly announced as of 30 Sep 03.

d. Template selection. Use the command approved template for the weapon system identified for the predominant mission as identified in the data provided to SAF/IEBB (Atch 4). Information for facility and operational requirements must be identified in the approved template and templates will be provided with the briefing package delivered on the day of the briefing.

2. Briefing format (Atch 2) and contents.

a. Each briefing will include the following slides for each installation and a command summary slide shown at the end of the briefing.

b. Installation Overview slide:

- 1) Overview slide with the assigned weapon system(s)
- 2) Number of each Primary Assigned Aircraft (PAA) weapons system
- 3) Total PAA at each installation by type
- 4) Number of flying squadrons or comparable units if mission is other than flying
- 5) Total existing available, useable aircraft parking spaces including ramp and hangar space
- 6) Number of unused aircraft parking spaces
- 7) Template used for capacity assessment

c. Capacity slide

- 1) Base name
- 2) Cost to add one unit of capability for the type (squadron for active AF flying units)
 - a) Showstopper(s), if any by type (e.g. range, airspace, impact area, air quality credits, water)
 - b) Total Major Construction (unit cost at or above \$750,000.00)
 - c) Total Minor Construction (unit costs below \$750,000.00)
 - d) Other major procurement items (communications, large equipment items not included in construction costs)
 - e) Subtotal cost to add one unit of capability
- 3) Cost to add two units of capability
 - a) Showstopper(s), if any by type (e.g. range, airspace, impact area, air quality credits, water)
 - b) Total Major Construction (unit cost at or above \$750,000.00)
 - c) Total Minor Construction (unit costs below \$750,000.00)

- d) Other major procurement items (communications, large equipment items not included in construction costs)
- e) Subtotal cost to add one unit of capability
- 4) Total Cost to add two units of capability

d. Estimated cost slide(s) showing the following:

Base Name

Costs to add one unit	Costs (\$M)
Major construction items (one line/facility)	
Minor construction items (one line/facility)	
Other procurement items (one line /item)	
Subtotal one unit	
Costs to add second unit	
Major construction items (one line/facility)	
Minor construction items (one line/facility)	
Other procurement items (one line/item)	
Subtotal (second unit)	
Total to add two units	

e. Command Summary Slide(s)

1) Table depicting the following:

Base Name	System	Total PMAI	Total Parking Spaces	Est Cost/ one Unit Added	Est Cost/ 2 nd unit added	Total Est Cost
Base X						
Base Y						
Base Z						

3. Guidelines.

- a. Use assigned force structure as of 30 Sep 03 or, if a force structure change has been publicly announced as of 30 Sep 03, the projected force structure publicly announced. Force structure cannot be moved off the installation by relocation or retirement unless the action is included in a publicly announced change.
- b. For bases where a tenant unit has the primary flying mission(s), the analysis is the responsibility of the tenant command but must be coordinated with the command owning the installation.
- c. If there is more than one weapon system, use template for the system as identified in the table at Atch 4. Provide the estimate for the identified weapon system even if there are no other aircraft of that type available.
- d. Planning must remain within the installation boundary existing and owned as of 30 Sep 03. Assume no additional land acquisition.
- e. Identify non-reconstitutable showstoppers that would prevent adding units of capability, such as range or airspace saturation or absence of air quality credits. Identify only known, existing showstopping conditions that cannot be mitigated within current laws and resources under AF control.

f. Construction cost estimates should include only operations, maintenance and direct support facilities. For example, include required hangars, nose docks, parking ramp, munitions buildup, operations, avionics, etc maintenance facilities, dormitories, dining halls. Include new construction as well as facility modification/reconfiguration costs. Do not include community support facilities such as medical, commissary, exchange, base transportation facilities, child development centers, etc. Do not attempt to include Family Housing construction. However, if there is a known, existing housing issue that constitutes a showstopper, please include it in the briefing.

g. Use the March 2003 DoD Facilities Pricing Guide and existing Air Force and command directives for siting, design, and construction.

h. Facility construction must be complete and ready to occupy in sufficient time to permit occupancy prior to the end of FY 2011.

i. Any information obtained from an installation must be in accordance with the Air Force BRAC 2005 Internal Control Plan requirements.

j. For operational active units, use the following PAA as the standard squadron size.

Type Unit	PMAI/Unit
Fighter	24
Attack	24
Bomber	12
Tanker	12
Airlift	12
Special Operations	7

k. For operational flying units where current squadron configuration is less than the standard size, command should increase all existing units to the standard before estimating costs to add a new unit. Include a separate slide to depict estimated costs to increase existing units to the standard size. If the cost is 0 or negligible (< \$ 750,000.00 total) add a line on the overview slide showing the cost.

l. Assessments should not require unreasonable workarounds and must provide acceptable operating conditions.

4. Deliverables.

- a. Briefing on the scheduled date to the BCEG.
- b. Package with cover letter signed by the XP and certifying the information contained in the package.
- c. Briefing slides (paper and software file)
- d. Template(s) used to prepare the requirements and costs
- e. Supporting documents as required



(Base Name) Overview

Assigned Weapon System Type(s) (MDS)	C-17	KC-135
Total PMAI	36	48
# Flying Squadrons	3	4
# Aircraft per squadron	12	12
Total Available Aircraft Parking spaces	55	50
Unused Aircraft Parking Spaces	19	2

Template used	C-17
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Atch 3



Base X Estimated Costs

Template used	Airlift
Add One Squadron	
Showstopper	None
Major Construction	15.0
Minor Construction	4.0
Other procurement	<u>1.5</u>
Subtotal	20.5
Add Second Squadron	
Showstopper	Air Quality
Major Construction	0.0
Minor Construction	
Other procurement	<u>0.0</u>
Subtotal	<u>0.0</u>
Total Cost for Two Squadrons	20.5



Base X

Estimated Costs One Squadron

Add One Squadron	
Major Construction	
Nose Dock	5.0
Fuel Cell	3.5
Hydrant Fuel Pits	6.5
Subtotal	15.0
Minor Construction	
Alter Squad Ops	0.7
Add Alter Dining Hall	0.7
Add Avionics Facility	0.7
Alter Engine Main	0.7
Alter Wing HQ	0.7
Add Child Dev Ctr	0.5
Subtotal	4.0
Other procurement (Hush House)	1.5
TOTAL	20.5

ACC

<u>Installation</u>	<u>Unit</u>	<u>MDS</u>	<u>F</u>
Barksdale AFB, LA	2 Bomb Wing	B-52H	48
	917 Bomb Wing (AFRES)		
Beale AFB, CA	9 Recon Wing	U-2	29
Cannon AFB, NM	27 Fighter Wing	F-16	69
Davis-Monthan AFB, AZ	355 Wing	A/OA-10	75
Dyess AFB, TX	7 Bomb Wing	B-1	35
Eglin AFB, FL	53 Wing	F-15	54
Ellsworth AFB, SD	28 Bomb Wing	B-1	29
Hill AFB, UT	388 Fighter Wing	F-16	76
Holloman AFB, NM	49 Fighter Wing	F-117	50
Indian Springs AFS, NV	57 Wing		23
Langley AFB, VA	1 Fighter Wing	Γ	75
Minot AFB, ND	5 Bomb Wing		35
Mt Home AFB, ID	366 Fighter Wing	Γ	22
Nellis AFB, NV	57 Wi..J	Γ	32
Offutt AFB, NE	55 Wing	RC-135	30
	4 Fighter Wing	F-15	94
Shaw AFB, SC	20 Fighter Wing	F-16	80
Tinker AFB, OK	552 Air Control Wing	Γ	28
Whiteman AFB, MO	509 Bomb Wing		20

AMC

Installation	Aircraft	Unit size
Andrews	C-32	(NA)
Charleston	C-17	12
Dover	C-5	16
Fairchild	KC-135	12
Grand Forks	KC-135	12
MacDill	KC-135	12
McChord	C-17	12
McConnell	KC-135	12
McGuire	KC-10	12
Pope	C-130J	14
Scott	C-21	(NA)
Travis	KC-10	12

AETC Graduate Flying

Installation	Predominant Mission
Tyndall AFB	F-22
Luke AFB	F-16
Altus AFB	C-17
Kirtland	C-130

AFRC

Installation	Installation GMAJCOM	Current Aircraft/ and PMAI	Capacity Analysis		Build Increments
			Template		
Grissom ARB, IN	AFRC	KC-135R - two 8 PAA Sq	Tanker		Half
Dobbins ARB, GA	AFRC	C-130H2 - 8 PAA	Airlift - C-130		Half
Gen Mitchell ARS, WI	AFRC	C-130H2 - 8 PAA	Airlift - C-130		Half
Minn/St Paul ARS, MN	AFRC	C-130H2 - 8 PAA	Airlift - C-130		Half
Niagara Falls ARS, NY	AFRC	C-130H3 - 8 PAA	Airlift - C-130		Half
Pittsburgh ARS, PA	AFRC	C-130H2 - 8 PAA	Airlift - C-130		Half
Willow Grove ARS, PA	AFRC	C-130E - 12 PAA	Airlift - C-130		Third
Youngstown ARS, OH	AFRC	C-130H2 - 12 PAA	Airlift - C-130		Third
March ARB, CA	AFRC	C-17 - 8 PAA (FY05)	Airlift - C-17		Half
Westover ARB, MA	AFRC	C-5 - 14 PAA	Airlift - C-5		Increments of 4
Homestead ARS, FL	AFRC	F-16 Blk 30 - 15 PAA	Fighter		Increments of 3 to max 24 PAA
Carswell ARS, TX	Navy	F-16 Blk 30 - 15 PAA	Fighter		Increments of 3 to max 24 PAA
Hill AFB, UT	AFMC	F-16 Blk 30 - 15 PAA	Fighter		Increments of 3 to max 24 PAA
Luke AFB, AZ	AETC	F-16 Blk 25/32 - 15 PAA	Fighter		Increments of 3 to max 24 PAA
Whiteman AFB, MO	ACC	A-10 - 15 PAA	Fighter		Increments of 3 to max 24 PAA
Barksdale AFB, LA	ACC	O/A-10 - 15 PAA B-52 - 8 PAA	Fighter		Increments of 3 to max 24 PAA
NAS JRB New Orleans	Navy	O/A-10 - 15 PAA	Fighter		Increments of 3 to max 24 PAA
Wright Patterson AFB	AFMC	C-5 - 10 PAA (FY06)	Airlift - C-5		Fifth (build to 12 PAA)
Lackland AFB, TX	AETC	C-5 - 14 PAA	Airlift - C-5		Increments of 4
Andrews AFB, MD	AMC	KC-135R - 8 PAA	Tanker		Half
Selfridge ANGB, MI	ANG	KC-135R - 8 PAA	Tanker		Half
Beale AFB, CA	ACC	KC-135R - 8 PAA	Tanker		Half
Portland ANGB, OR	ANG	KC-135R - 8 PAA (FY05)	Tanker		Half
Seymour Johnson AFB, NC	ACC	KC-135R - 8 PAA	Tanker		Half
Tinker AFB, OK	AFMC	KC-135R - 8 PAA	Tanker		Half
Duke Field, FL	AFMC	MC-130E - 12 PAA	Airlift - C-130		Third
Patrick AFB, FL	AFSPC	HC-130N/P - 5 PAA HH-60G - 8 PAA	Airlift - C-130		Special Mission Ops Increments of 1 to max of 12
Peterson AFB, CO	AFSPC	C-130H3 - 14 PAA	Airlift - C-130		Increments of 4
Maxwell AFB, AL	AETC	C-130H2 - 8 PAA	Airlift - C-130		Half
Keesler AFB, MS	AETC	C-130J - 9 PAA (FY07)	Airlift - C-130		Third (airlift mission)
			WC-130J - 10 PAA (FY07)		

ANG

Installation	Name	State	PAA	Aircraft				
MHNV	Albuquerque	NM	15	F-16				
AJXF		MD	15	F-16				
AJXF		MD	4	C-40				
AQRC		NJ	15	F-16				
PJMS		MD	15	A-10	If no new C-130's (existing 8 to remain)			
PJMS		MD	8	C-130	If no new A-10's (existing 15 to remain)			
FKNN		ME	8	KC-135				
AXQD		MA	15	A-10				
BRKR		AL	8	KC-135				
BXRH		ID	15	A-10	If no new C-130's (existing 4 to remain)			
BXRH			4	C-130	If no new A-10's (existing 15 to remain)			
CEKT		CT	15	A-10				
CRWU		CO	15	F-16				
CURZ		VT	15	F-16				
DCFT		IL	15	F-16				
DJCF		VA	12	C-130				
FJRP		NC	12	C-130				
DPEZ		WY	8	C-130				
FAKZ		AL	15	F-16				
FFAN		IA	15	F-16				
FMKM		MN	15	F-16				
FTQW		AK	8	KC-135				
		WA	8	KC-135				
		ND	15	F-16				
		IN	15	F-16				
		CA	15	F-16				
		AR	15	F-16				
		TX	8	C-130				
		NY	4	HC-130				
		NY	5	HH-60				
		MT	15	F-16				
		NY	15	F-16				
		PA	6	C-130				
		HI	4	C-130				
KNMD	Hickam AFB	HI	15	F-15				
KNMD	Hickam AFB	HI	8	KC-135				
FWJH	Houston	TX	15	F-16				
LDXF	HULMAN	IN	15	F-16				
	Jackson	MS	8	C-17				
	Jacksonville	FL	15	F-15				
	Jacksonville	FL		C-130				
	Key Field	MS	9	KC-135				
		OR	15	F-15				
		AK	11	HC-130/C-130				
		AK	5	HH-60				
		NE	8	KC-135				
		AR	8	C-130				
		WI	15	F-16				
		OH	8	C-130				
		CA	9	KC-135				
		WV	10	C-5A				
		KS	8	KC-135				
		SC	15	F-16				
		TN	10	KC-135				

ANG

Installation	Name	State	PAA	Aircraft				
PTFL	McGuire	NJ	20	KC-135				
PYKL	Memphis	TN	8	C-5				
HTUV	Milwaukee	WI	9	KC-135				
QJKL		MN	8	C-130				
QMSN		CA	4	C-130				
QMSN		CA	5	HH-60				
BKTZ		TN	12	C-130				
JLWS		DE	8	C-130				
RQLH		LA	15	F-15				
RVKQ		NY	9	KC-135				
SPBN		MA	15	F-15				
SZCQ		NH	9	KC-135				
		IL	8	C-130				
		AZ	8	KC-135				
		PA	20	KC-135				
		OR	15	F-15				
		RI	8	C-130				
		NV	8	C-130				
		VA	15	F-16				
		OH	18	KC-135				
		GA	14	JSTARS				
		MO	8	C-130				
		UT	8	KC-135				
		TX	18	F-16				
		PR	8	C-130				
		GA	8	C-130				
		NY	14	C-130				
		IL	10	KC-135				
			8	C-130				
			15	F-16				
		IA	8	KC-135				
		SD	15	F-16				
		OH	15	F-16				
		MO	15	F-15				
		KY	12	C-130				
		NY	12	C-5				
		OH	15	F-16				
		KS	8	KC-135				
		AZ	62	F-16				
	OK	OK	15	F-16				
MBMV	W.K. Kellogg	MI	15	A-10				
YZEU	Will Rogers	OK	8	C-130				
ZAWA	Willow Grove	PA	15	A-10				
		WV	8	C-130				
* - Increases are based upon the following Increments								
1. Fighter Aircraft (F-15/F-16/A-10) would increase in multiples of 3								
2. Heavy Aircraft (C-130/KC-135/JSTARS/C-5) would increase in multiples of 2								
3. Helicopters (HH-60) would increase in multiples of 1								

PACAF

Installation	Aircraft Type(s)	
Andersen	B-52	Global Hawk
Eielson	F-16	
Elmendorf	C-17	
Hickam	C-17	

AFSOC

	Predominant	
Installation	Mission	Unit size
Hurlburt	C-130	7
Moody	C-130	7

AFSPC

Installation	Type template
PETERSON AFB CO	Satellite command and control (C2)
CHEYENNE MOUNTAIN AFS CO	Missile Warning (Space Based)
VANDENBERG AFB CA	Satellite command and control (C2)
PATRICK AFB FL	Satellite command and control (C2)
SHRIEVER AFB CO	Satellite command and control (C2)
ONIZUKA AFS CA	Satellite command and control (C2)
BUCKLEY AFB CO	Missile Warning (Space Based)
LOS ANGELES AFB	Satellite command and control (C2)
MALMSTROM AFB MT	Missile Warning (Space Based)
FE WARREN AFB WY	Missile Warning (Space Based)