



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

OFFICE OF THE ASSISTANT SECRETARY

8 Mar 04

MEMORANDUM FOR HQ AETC/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.

Although we understand student production drives AETC's requirements, the BRAC 2005 process has an inherent need to examine infrastructure based on force structure. To accomplish this next step in that process and to provide the BCEG a consistent view of our bases, we request you provide your analysis in a weapon systems beddown format similar to the other commands, but only for Luke AFB, Tyndall AFB, Kirtland AFB and Altus AFB as indicated in Atch 4. For these activities, request you use the standard PAA identified in the instructions for the unit size and a template for the weapon system specified in Atch 4. The Education and Training Joint Cross Service Group is also charged with conducting a capacity analysis of both undergraduate flying and technical training, and when this group reports out its findings we will ensure you are invited to its presentation to the BCEG.

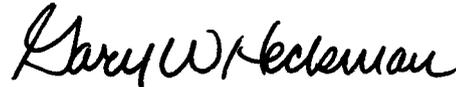
The April briefings to the BCEG will be an opportunity for each command to present its views. Therefore we request you brief or attend your command's briefing to the BCEG to ensure questions that may arise are answered at the appropriate level of authority.

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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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/ 2nd 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	.0
Other procurement	<u>1.5</u>
Subtotal	
Add Second Squadron	
Showstopper	Air Quality
Major Construction	0.0
Minor Construction	
Other procurement	
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>Primary TAI</u>
Barksdale AFB, LA	2 Bomb Wing	B-52H	48
	917 Bomb Wing (AFRES)	B-52H	9
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		54
Ellsworth AFB, SD	28 Bomb Wing	B-1	
Hill AFB, UT	388 Fighter Wing	F-16	
Holloman AFB, NM	49 Fighter Wing	F-117	
Indian Springs AFS, NV	57 Wing	MQ-1	
Langley AFB, VA	1 Fighter Wing	F-15	
Minot AFB, ND	5 Bomb Wing	B-52H	
Mt Home AFB, ID	366 Fighter Wing	F-16	
Nellis AFB, NV	57 Wing	F-15	32
Offutt AFB, NE	55 Wing	RC-135	30
Seymour-Johnson AFB, NC	4 Fighter Wing	F-15	94
Shaw AFB, SC	20 Fighter Wing	F-16	80
Tinker AFB, OK	552 Air Control Wing	E-3	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	Fighter			Increments of 3
		B-52 - 8 PAA				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	Airlift - C-130			Special Mission Ops
		HH-60G - 8 PAA				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				
MHMV	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		ID	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				
GJKZ		WA	8	KC-135				
KKGA		ND	15	F-16				
ATQZ		IN	15	F-16				
HAYW		CA	15	F-16				
HKRZ		AR	15	F-16				
DDPM		TX	8	C-130				
WKVB		NY	4	HC-130				
WKVB		NY	5	HH-60				
JKSE		MT	15	F-16				
HAAW		NY	15	F-16				
SHYQ	Harrisburg	PA	6	C-130				
KNMD	Hickam AFB	HI	4	C-130				
KNMD	Hickam AFB	HI	15	F-15				
KNMD		HI	8	KC-135				
FWJH		TX	15	F-16				
LDXF		IN	15	F-16				
LRXQ	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	MINN ST	MN	8	C-130				
QMSN	Moffett	CA	4	C-130				
QMSN	Moffett	CA	5	HH-60				
BKTZ	Nashville	TN	12	C-130				
JLWS	NEW CASTLE	DE	8	C-130				
RQLH	New Orleans	LA	15	F-15				
RVKQ	Niagra Falls	NY	9	KC-135				
SPBN	Otis ANGB	MA	15	F-15				
SZCQ	PEASE	NH	9	KC-135				
JLQN	Peoria	IL	8	C-130				
VTNB	Phoenix	AZ	8	KC-135				
JLSQ	Pittsburgh	PA	20	KC-135				
TQKD	Portland	OR	15	F-15				
TWLR	Quonset	RI	8	C-130				
UCTL	Reno	NV	8	C-130				
CVVM	Richmond	VA	15	F-16				
NLZG	Rickenbacker	OH	18	KC-135				
UHHZ	Robins	GA	14	JSTARS				
ULYB	Roscrans	MO	8	C-130				
USEB	Salt Lake	UT	8	KC-135				
KELL	San Antonio	TX	18	F-16				
TUMR	San Juan	PR	8	C-130				
XDQU	Savannah	GA	8	C-130				
VBDZ	Schenectady	NY	14	C-130				
VDYD	Scott	IL	10	KC-135				
VGLZ	Selfridge ANGB	MI	8	C-130				
VGLZ	Selfridge ANGB	MI	15	F-16				
VSSB	Sioux City	IA	8	KC-135				
LUXC	Sioux Falls	SD	15	F-16				
WAAR	Springfield	OH	15	F-16				
MSQB	St Louis	MO	15	F-15				
WEAS	Standiford Field	KY	12	C-130				
WHAY	Stewart	NY	12	C-5				
WYTD	Toledo	OH	15	F-16				
GUQE	Topeka	KS	8	KC-135				
XHEA	Tucson	AZ	62	F-16				
XHZG	Tulsa 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				
LYBH	Yeager	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)