



OFFICE OF THE ASSISTANT SECRETARY

JUL 13 2004

MEMORANDUM FOR RECORD

SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Mtg, 29 June 2004

Mr Pease called the meeting to order at 0835, the Pentagon, Room 5C279. Attendance is at Atch 1. The meeting was non-deliberative. Mr Pease directed that working group to principal connections be strengthened to better prepare the BCEG for discussions.

\_\_\_\_\_ briefed the proposed tasking to the MAJCOM/XP's reference an update briefing to the BCEG on MAJCOM installation capacity using the 2025 Force Structure. (Slides 9-16). \_\_\_\_\_ updated the status of the Joint Cross Service Groups (Slides 18-23).

\_\_\_\_\_ briefed modeled imperatives to familiarize the BCEG with the modeling methodology (Slides 18-54). \_\_\_\_\_ presented the question team's consolidation of military value questions for weighting to provide the BCEG with a macro perspective of how the questions fall within the respective mission filters. These filters allowed the BCEG to visualize notional effective question weights juxtaposed with notionally weighted criteria and attributes (Slides 57-83).

The co-chairs provided closing remarks reviewed principals and imperatives, transformation options, military value, and environmental mitigation as agenda items for the next BCEG.

The next BCEG meeting is scheduled for 08 July 2004 at 0830 in Pentagon Room 5C279. Whereupon the meeting concluded at 1030.

BCEG Recorder

The minutes above are approved.

Handwritten signature of Gerald F. Pease, Jr.

GERALD F. PEASE, JR.  
SAF/IEB  
Co-Chairman

Handwritten signature of Gary Heckman.

GARY HECKMAN, Maj Gen, USAF  
AF/XP (BRAC)  
Co-Chairman

Attachments:  
As Stated

Base Closure Executive Group Attendance

Date: 29 JUNE 2004

Chairs

- Mr. Fred Pease
- Maj Gen Gary Heckman

**\*\*Voting members are underlined**

Primary Members

Alternate Members

Representatives

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> <u>BG Holland</u>        | <input type="checkbox"/> <u>Brig Gen Mike Lynch</u>  | <input checked="" type="checkbox"/> _____            |
| <input type="checkbox"/> <u>Brig Gen Hanferd Moen</u>        | <input checked="" type="checkbox"/> _____            | <input checked="" type="checkbox"/> _____            |
| <input type="checkbox"/> <u>Brig Gen Tony Haynes</u>         | <input type="checkbox"/> <u>BG Butler</u>            | <input checked="" type="checkbox"/> _____            |
| <input checked="" type="checkbox"/> <u>Mr. Fred Kuhn</u>     | <input checked="" type="checkbox"/> _____            | <input type="checkbox"/> _____                       |
| <input type="checkbox"/> <u>Ms. Cathy Sparks</u>             | <input type="checkbox"/> <u>Ms. Kathy Ferguson</u>   | <input checked="" type="checkbox"/> <u>MR Aimone</u> |
| <input checked="" type="checkbox"/> <u>Mr. Matt Mleziva</u>  | <input type="checkbox"/> _____                       | <input type="checkbox"/> _____                       |
| <input checked="" type="checkbox"/> _____                    | <input checked="" type="checkbox"/> _____            | <input type="checkbox"/> _____                       |
| <input type="checkbox"/> <u>Mr. Jay Jordan</u>               | <input type="checkbox"/> _____                       | <input checked="" type="checkbox"/> _____            |
| <input checked="" type="checkbox"/> <u>Mr. William Kelly</u> | <input type="checkbox"/> <u>Brig Gen William Ard</u> | <input type="checkbox"/> _____                       |
| <input checked="" type="checkbox"/> <u>Ms. Maureen Koetz</u> | <input checked="" type="checkbox"/> _____            | <input type="checkbox"/> _____                       |

\* Temporary appointment

Others

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AFKA

# Headquarters U.S. Air Force

*Integrity - Service - Excellence*

## BCEG



29 Jun 04

**U.S. AIR FORCE**



## Agenda

29 Jun 04

0830-0845	<b>Opening business</b>	Co-chairs
	- Capacity Analysis Phase II	
	- JCSG Updates	
0845-1000	Imperatives	
1000-1030	- Break -	
1030-1145	Questions and Weights	
1145-1200	Closing business	Co-chairs



# June BCEG Schedule

June BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		AF Released DoD DC#2/3 to Installations	2	3	4	5
6	7	BCEG 0830-1500 5C279			11	12
	14	15	16	17	18	19
20	BCEG 1300-1700 5C279	BCEG 0830-1200 5C279	23	24	25	26
27	28	BCEG 0830-1200 5C279	30	AF JCSG Principal's Mtg 1430-1600		3

- Imperatives
- Flying Training Filter

- Imperatives
- Question Filters
- Criteria Weights

- Question Filters
- Criteria Weights
- Attribute Weights

- Imperatives
- Question Roll-ups / Weights
- MAJCOM Templates



# July BCEG Schedule

July BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	1	2	3
	Independence Day	6	7	BCEG 0830-1200	8	9
		BCEG 0830-1200	14	BCEG 0830-1200	15	16
18	19	BCEG 0830-1200	21	BCEG 0830-1200	22	23
25	26	BCEG 0830-1200	28	AF JCSG Principal's Mtg 1430-1600	29	30

- Ethics / Conflict of Interest
- Filters

- Imperatives
- MV Analysis Process
- Environmental Mitigation
- ISG / IEC Update

- Criteria 6-8
- POM 06 Brief
- ISG / IEC Update

- Question Weights

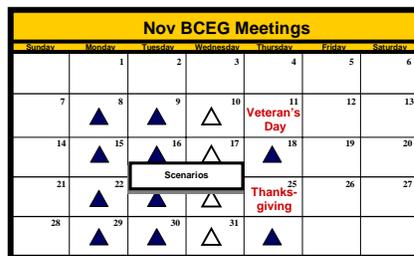
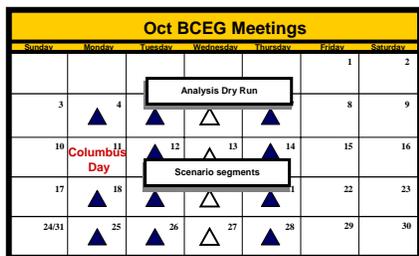
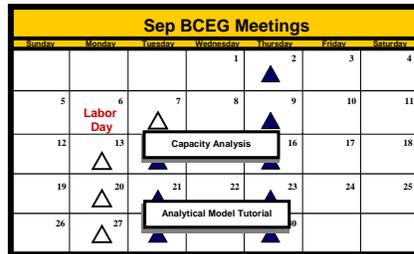
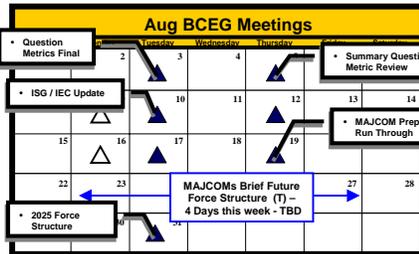
- Scenario Tutorial
- Question Metrics
- JCSG Update

- Reattacks Filters / Question Weights

- Reattacks Question Metrics
- Summary of Weights



# Aug – Nov BCEG Schedule



As of: 21 Jun 04



# Deliverables

<u>Action</u>	<u>OPR</u>	<u>Suspense</u>
Reissue AF Expeditionary Principles white paper	IEB/XO	28 Jun 04
AF Imperatives: - Define - Determine metric and identify measurement methods	BCWG	29 Jun 04
Review MAJCOM capacity briefings and determine options for mitigating environmental showstoppers	BCWG	8 Jul 04



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NOT RELEASABLE UNDER FOIA

## Agenda

29 Jun 04

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0830-0845	Opening business	Co-chairs
	<b>Capacity Analysis Phase II</b>	
	- JCSG Updates	
0845-1000	Imperatives	
1000-1030	- Break -	
1030-1145	Questions and Weights	
1145-1200	Closing business	Co-chairs

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## Headquarters U.S. Air Force

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### Capacity Analysis

### Phase II Game Plan



Jun 04

**U.S. AIR FORCE**

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## Overview

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- Purpose
- Background
- Plan
- Issues & Next Step



## Purpose

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- Obtain updated MAJCOM assessment of operational capacity at installations using revised POM 06/2025 future force structure plan



## Background

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- **Commands provided initial assessments in Apr 04**
- **Based on force structure as of 30 Sep 03**
  - **Objective: Orient BCEG to current bases/missions**
- **Next assessment Aug: Based on POM force structure changes**
- **Objective: Provide BCEG MAJCOMs perspective of potential force structure beddown**
- **Briefing schedule**
  - **Recommend (23-27 Aug)**



## Follow-up

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- **Following MAJCOM briefings IEBB will compile updated capacity summary for BCEG**
  - **Summary of capacity capability will include environmental and range considerations**
- **Entering argument for Mil Val Analysis**



## Guidelines (1 of 2)

### For ACC/AMC/PACAF/AFRC/ANG

- Use force structure plan Projected in FY 06 POM (FY 06-11)
  - Move or retire existing force structure, as approved in POM
- Use MAJCOM-developed templates for each weapon system, that were approved by BCEG
  - Must use certified data from Data Call # 1
  - Follow existing siting, design, and construction directives
  - Facilities must be complete in time to permit occupancy by end of 2011
- Use approved Standard unit sizes (changes by exception)
- Evaluate ability to add in increments
  - One squadron
  - Two squadrons
- Identify showstoppers (e.g. environmental, training capacity)
- Brief BCEG on desired functional, organization changes affecting basing



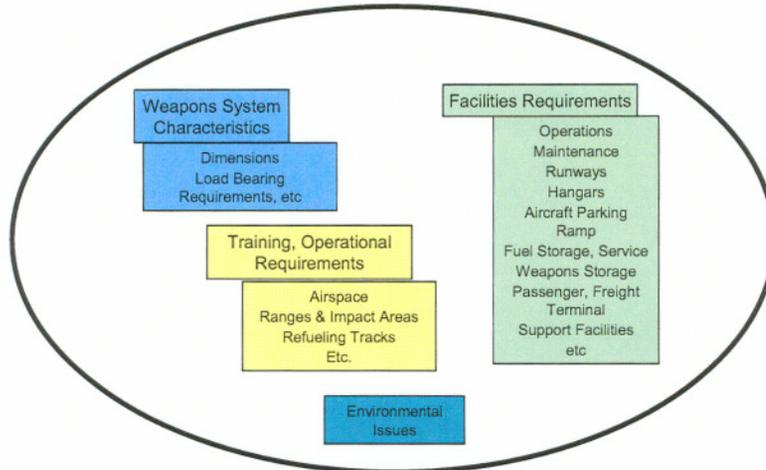
## Guidelines (2 OF 2)

### For AFMC/AFSPC/AETC

- Present desired functional, organizational changes affecting basing, and capacity
- AFMC
  - Tenants brief own force structure, must stay in existing boundary unless added space authorized by AFMC
- AFSPC
  - Non-standard mission requirements
  - Tenants brief own force structure, must stay in existing boundary unless added space authorized by AFSPC
- AETC
  - UFT, graduate level joint flight training & tech training bases not included – belong to JCSGs



## Templates



## Agenda 29 Jun 04

0830-0845	Opening business - Capacity Analysis Phase II - JCSG Updates	Co-chairs
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1030-1145	Questions and Weights	
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## Headquarters U.S. Air Force

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## JCSG Status

29 June 04

**U.S. AIR FORCE**



## Education & Training JCSG

- Reports
  - Capacity: Next Update 6 Jul -- interim
  - Military Value: Final report submitted (18 Jun)
- Data Call Questions
  - Capacity: 74 Clarifications/adjudications ongoing
  - Military Value Questions: Loading into WIDGET
  - Capacity 2 Questions: OSD has questions on hold
- Issues
  - Graduate Flight Training (GFT): JCSG to proceed with analysis of GFT for aircraft used by more than one service
  - Mission filters: AF BRAC to work with Flight Training subgroup to share filters



## Headquarters & Support Activities JCSG

- **Reports**
  - Capacity: Awaiting guidance from OSD (Originally due 23 June)
  - Military Value: Awaiting guidance from OSD (Originally due 28 Jun 04)
- **Data Call Questions**
  - Capacity (CDC): Data clarification on-going
    - 394 Total Questions for Clarification
  - Military Value Questions: In the field
  - Capacity 2 Questions: Retargeted from CDC #1
- **Issues**
  - Concerns with the quality and quantity of capacity data received from field due to the way they were targeted
    - Working fix in Capacity Data Call 2
  - Ability of HSA to meet the 15 Nov 04 suspense to provide recommendations to the ISG may be in jeopardy



## Industrial JCSG

- **Reports**
  - Capacity: Report not submitted -- need additional data
  - Military Value: Ready to submit to OSD
- **Data Call Questions**
  - Capacity: 1739 data corrections underway
    - Navy data anticipated 6 Jul
  - Military Value Questions: Waiting on E&T load into WIDGET
    - Bundled data call
  - Capacity 2 Questions: OSD has questions on hold
- **Issues: Quality of AF data**
  - Two AF teams assembled to correct capacity data (Depot and Mnx)



## Intelligence JCSG

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- **Reports**
  - **Capacity:** Final report to ISG – Awaiting OSD direction
  - **Military Value:** Interim report to ISG o/a 1 Jul
  
- **Data Call Questions**
  - **Capacity:** Due back to IJCSG 1 Jul
    - Audit identified problems to correct – then HAF review
  - **Military Value Questions:** Will be released o/a 30 Jul
  - **Capacity 2 Questions:** No additional questions anticipated
  
- **Issues**
  - **COBRA:** working way to do COBRA-like analysis with classified data
  - **JPAT 7:** working classified location issues
  - **Security:** working internal controls for IJCSG classified data



## Medical JCSG

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- **Reports**
  - **Capacity:** Next update 7 Jul
  - **Military Value:** Final report completed (18 Jun)
  
- **Data Call Questions**
  - **Capacity:** Ready for release by the Services
    - Five requests for clarification going to all Services -- specific locations
  - **Military Value Questions:** In the field
  - **Capacity 2 Questions:** OSD released to the Services
    - Nine questions going to all locations
  
- **Issues:** no significant issues



## Supply & Storage JCSG

- Reports
  - Capacity: Did not submit on 23 Jun – need complete data set
  - Military Value: Submitted to OSD
- Data Call Questions
  - Capacity: 1064 data points require correction
  - Military Value Questions: submitted to field
  - Capacity 2 Questions: OSD has questions on hold
- Issues: no significant issues



## Technical JCSG

- Reports
  - Capacity: 23 Aug 04 - final submittal
  - Military Value: AF non-concur issue (next slide)
- Data Call Questions
  - Capacity:
    - Data Call #1 data inconsistent with new analytical methodology
    - Some clarification questions still being determined
  - Military Value Questions:
    - Questions still being reviewed by TJCSG
- Issues
  - Raising to IE en-route to ISG – New Business
    - AF position being sought on air munitions workload
    - Mil Val questions not yet reviewed by Capability Integration Team and TJCSG principals and already submitted for review by Data Standardization Team and Services
    - High potential for repeating data call #1 errors



## Technical JCSG (cont)

- Issues (continued)
  - Service / ISG – Probable IEC Issue
    - 4 Jun 04 ISG memo guidance did not resolve AF non-concur
      - No contractor data, improperly deemed not auditable
        - Per OSD BRAC, includes Federally Funded Research & Development Centers (FFRDCs)
        - Per AF TJCSG Principal, should not include FFRDCs
        - Disadvantage for AF business model
      - % vs Absolutes
        - Measures quantity vice quality of intellectual capital
        - Compounds AF impact of no contractor decision
    - Intramural (organic) / Extramural (organic + contractor) Funding
      - Disadvantage for AF business model



## Agenda 29 Jun 04

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# Headquarters U.S. Air Force

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## Imperatives



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## Imperatives

### MODELED IMPERATIVES



## Imperatives

### IL

#### 15. Model\*: Maintain two geographically separated munitions locations for ten AEFs. - OPR: IL

**Definition and Factors:** Uninterrupted munitions/weapons support depends on flexible forces that can bed-down, receive, store, assemble, deliver, recover, ship and account for munitions. Munitions support depends on suitable infrastructure providing the capability to store and maintain pre-positioned near-term munitions requirements operational bed-down sites.

\*Blue indicates a change to the type or words of imperative



## Imperatives

### XO

#### 4. Model. Provide land-based strategic deterrent—as directed. - OPR: XON

**Clarified Imperative:** Maintain current strategic missile launch capability in support of the national military strategy.

**Definition and Factors:** START and national policy prescribe the number of nuclear capable platforms and type. Per the 2001 Nuclear Posture Review, signed by Secretary Rumsfeld, “The planned force structure for 2012 comprises ...500 Minuteman III ICBMs...” The assumption for this imperative is START and national military strategy will not change in the foreseeable future.



## Imperatives

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### XO

#### **17. Model: Unimpeded access to space. - OPR: XOS**

**Clarified Imperative:** Maintain current and future access to space to support National, DoD, civil, commercial space missions and ICBM Test and Evaluation.

**Definition and Factors:** Space missions and ICBM Test and Evaluation require unimpeded access to space at all inclinations. For downrange safety, current national policy precludes launching space vehicles over the CONUS or population centers. The possibility for space launch malfunction is a current concern. The assumption is this longstanding practice will continue for the foreseeable future.



## Imperatives

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### XO

~~[Delete--combined with #19]~~

#### **18. Model: At least two efficiently-sized mobility hubs on each coast. - OPR: XO**

**Clarified Imperative:** Maintain three air mobility bases on each coast from which mobility assets can reach a theater hub in one hop, unrefueled. - OPR: XO

**Definition and Factors:**



## Imperatives

### XO

#### **19. Model: At least two mobility bases and one additional wide-body capable mobility base on each coast - OPR: XO**

**Clarified Imperative:** Maintain at least two mobility bases and one additional wide-body capable mobility base on each coast from which mobility assets can reach a theater hub in one hop, unrefueled.

**Definition and Factors:** The purpose of an air mobility hub is to project power worldwide. It should possess the following:

- Proximity to inter-modal transportation hubs/cargo handling depot
- One location on each coast as close to the NE and NW as possible
- Geographically separated North/South for weather, attack, infrastructure
- Adequate runways and ramp space to support contingency/deployment
- Access to nearby training facilities (drop zones, landing zones, airspace)



## Imperatives

### XO

#### **20. Model: US-administered, mobility capable, main base to support operations in the Western Pacific - OPR: XO**

**Clarified Imperative:** Maintain US-administered main operating base(s) in the Western Pacific to carry out rapid power projection missions across the spectrum of conflict.

**Definition and Factors:**

- Task Force in the Western Pacific will form a fighting core and transform our forces' ability to undertake any operational requirement throughout the Pacific
- Co-locating assets will maximize efficiency by capitalizing on synergies gained by supporting aircraft and missions
- Situated on U.S. soil or a U.S. owned installation would maintain the requisite Force Protection
- The USAF must maintain its ability to carry out operations in and around the Pacific Ocean.



## Imperatives

### XO

#### **22. Model: Cover assigned sites / areas (homeland defense) - OPR: XOH**

**Clarified Imperative:** Provide air defense to assigned locations within the United States and its territories.

**Definition and Factors:**

- Ensure at least one alert capable military or civil-use airfield/installation remains within the range of the assigned airframe to reach all assigned locations within prescribed time criteria
- Covered locations are assigned by the NORAD Commander or higher and protected as directed. This level of non-specificity demands general coverage
- “Alert capable” runway is reinforced concrete, at least 8000 feet long by 148 feet wide with parking positions for alert aircraft
- Alert facilities, high-speed taxiways, aircrew billeting / dining facilities, weapons storage are preferred, but temporary accommodations are used when required



## Imperatives

### XO

#### **23. Model: LRS bases sited to service Pacific and Atlantic equally and provide strategic force protection - OPR: XO**

**Clarified Imperative:** Long Range Strike bases sited to equally serve the Pacific and Atlantic; support the SIOP; maintain strategic force protection and provide storage for conventional and/or nuclear weapons.

**Definition and Factors:** Operating location must support large mobility and long range/heavy strike aircraft as well as fighters, tankers and reconnaissance assets in the Pacific.



## Imperatives

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### **XO**

[Propose Adding as #24.]

**24. Model: Maintain mobility-capable base near nation's capital for Presidential/Congressional airlift support. - OPR: XO**

**Clarified Imperative:** Needs no additional clarification

**Definition and Factors:** Mobility-capable base must support National Command authorities and dignitary travel into and from Washington D.C. Proximity to the Capital is paramount.



## Imperatives

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# MILITARY VALUE ANALYSIS



## Imperatives

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### RE

**16. Military Value Analysis:** Preserve regional basing in areas that allow for recruitment and retention of ARC members. - OPR: RE

**Clarified Imperative:** Determine if bases are appropriate for maximizing recruitment and retention of ARC personnel.

**Definition:** The vision is to provide areas that will be beneficial to ARC members and their families as a good diversified operating location. These bases should be capable of supplying safe environments with good housing and educational opportunities, as well as providing good employment opportunities.



## Imperatives

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### XO

**21. Military Value Analysis:** Operationally efficient proximity to our ranges, MOAs and airspace. - OPR: XO

**Clarified Directive:** Base Mission Design Series (MDS) aircraft in order to maximize training time and opportunities with ranges, MOAs and airspace.



## Imperatives

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# CHECKLIST



## Imperatives

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### XO

#### 1. Checklist: Optimize squadron size / crew ratios- OPR: XO

**Clarified Imperative:** Maximize, where practical, squadron size/crew ratios in accordance with the AF White Paper size where installation capacity allows.

**Definition and Factors:** During the scenario/realignment phase create/realign squadrons to comply with AF White Paper where installation capacity allows.



## Imperatives

### XO

#### 2. Checklist: Consolidate like-MDS' (e.g. F-16 blocks). - OPR: XO

**Clarified Imperative:** Maximize, where practical, the consolidation of geographically separated versions of like aircraft (MDS, model, block) to realize efficiencies in operations and logistic support.

#### **Definition and Factors:**

- Each aircraft MDS is subdivided into models and blocks, some with significant differences (i.e engines, avionics, fuel systems, etc.)
- Experience demonstrates grouping “like” models/blocks of aircraft at a single location results in efficiencies both at home station and deployed locations.
- Likewise, combining un-like aircraft results in complications and inefficiencies as well as increasing operating costs.



## Imperatives

### XO

#### 5. Checklist. Provide missile warning and defense. - OPR: XOS

**Clarified Imperative:** Accommodate current and projected future missile warning/defense capability for the United States and strategic allies.

#### **Definition and Factors:**

- “Current” means mission capabilities that provide radar coverage or that process space based warning/tracking data on intercontinental, submarine, and tactical launched missiles against the United States
- These capabilities must also fulfill the US commitment to the bi-national agreement with Canada
- “Projected” means the installation is identified as a potential location for Missile Defense systems.



## Imperatives

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### XO

#### **7. Checklist: Consolidate residual legacy fleet to leverage common support (e.g. one base per bomber MDS). - OPR: XO**

**Clarified Imperative:** Maximize, where practical, the consolidation of geographically separated residual legacy fleet to realize efficiencies in operations and logistic support.

**Definition and Factors:**

- Each aircraft MDS is subdivided into models and blocks, some with significant differences (i.e engines, avionics, fuel systems, etc.)
- Experience demonstrates grouping “like” models/blocks of aircraft at a single location results in efficiencies both at home station and deployed locations.
- Likewise, combining un-like aircraft results in complications and inefficiencies as well as increasing operating costs.



## Imperatives

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### XO

#### **9. Checklist: Training areas for battlefield airmen. - OPR: XO**

**Clarified Imperative:** Maintain training areas that allow full battlefield airman mission profile training evolutions that replicate conditions across the spectrum of conflict, weather and geographic environments.

**Definition and Factors:** Area must have capacity for movement/maneuver, land navigation training areas; access to open water for military diving, surf zone operations, and water airdrop ranges, airborne and ground based firing areas.



## Imperatives

### XO

#### **10. Checklist: Training organizations should normally be independent of combat organizations. - OPR: XOOT**

**Clarified Imperative:** Training organizations should not normally be under the command and control of organizations with operational missions.

#### **Definition and Factors:**

- Training organizations exist to ensure pipeline training.
- If training organizations are under the command and control of operational squadrons, wartime contingencies may require these training assets to be forward deployed resulting in a suspension of training functions.
- The resultant disruption to the training pipeline would have a dramatic impact on production target.



## Imperatives

### XO

#### **13. Checklist. Air refueling basing that optimizes proximity to mission. - OPR: XO**

**Clarified Imperative:** Tanker basing located so as to provide daily support of the following mission areas: Trans-oceanic movements, Training, SIOP and Homeland Defense.

#### **Definition and Factors:** Proximity to air refueling tracks:

- One location on each coast as close to the NE and W as possible to minimize air legs to Pacific/Europe
- One location on each coast as close to the NE and W CONUS as possible to maximize access to air refueling tracks off of the NE and W CONUS
- Tanker locations geographically separated for weather systems/terrorist attack/infrastructure contingencies
- Locations allowing for regional coverage of the CONUS allowing for training and Homeland defense orbits
- 24-hour and all weather capable with adequate runways, taxiways, parking, fuel and marshalling areas/Material Handling Equipment (MHE) to support 48 KC-135.
- Capacity to surge during deployments/natural disaster/man-made disruptions.



## Imperatives

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### DP

#### **3. Checklist: Reduce the number of Geographically Separated Units. - OPR: DP**

**Clarified Imperative:** Reduce the number of GSUs to the lowest number which will support the mission.

**Definition:**

- A GSU is any unit that is not physically on an installation and is not on the installation's real property records
- GSUs include MAJCOM-established detachments, operating locations, sites, etc. that satisfy their unique requirements
- Recruiting stations are also GSUs as they don't physically sit on an installation
- The ANG counts only GSUs that ARE on USAF real property records. We do not count, for example, leased space for recruiting as a GSU



## Imperatives

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### ANG

[Delete.]

#### **6. Checklist - Ensure States have access to military assets when needed. Accommodate dual-use (state/federal) of military assets. - OPR: ANG**

**Definition:** Uncertain – No reference to this exists in the white paper. Origination of issue for evaluation/discussion is presumed to be CORONA discussion of concern for State ability to acquire federal equipment in response to disaster. thereby making the context of the issue difficult to analyze



## Imperatives

### **ANG**

[Delete, OSD Imperative]

**8. Checklist - Use Future Total Force (FTF) organization constructs to maximize military value. Effective FTF organizational constructs such as: associate, active associate, sponsored reserve, operationally integrated, and blended. - OPR: ANG**

**Clarified Imperative:** Use FTF organizational constraints to increase military value.

**Definition(s):** Associate, Active Associate, Blended/Integrated, Sponsored Reserve.



## Imperatives

### **IEI**

**11. Checklist: Joint basing with active or reserve components of other services when doing so tangibly increases military value. - OPR: IEI**

**Clarified Imperative:** The military value increases by maximizing access to or the utilization of critical DoD infrastructure (beyond that needed to support Air Force requirements) while preserving the flexibility to support distinctive Air Force capabilities.

**Definition and Factors:**

- Joint Basing enhances the installation's military value when it maximizes the utilization of important DOD infrastructure assets and military readiness training opportunities
- DOD infrastructure can be jointly used by non DOD federal agencies further enhancing the overall national security
- Critical infrastructure assets include ranges, training environments and or unique test and evaluation facilities.



## Imperatives

### IEI

**12. Checklist: Joint basing with active or reserve components of other services when doing so provides the same military value at tangibly less expense. - OPR: IEI**

**Clarified Imperative:** Joint basing of similar functional activities maintains an installation military value while offering lower annual O&M costs for the existing functions or activities. The AF should pursue joint basing of functions...when it can demonstrate lower costs...or improved efficiencies...

**Definition and Factors:**

- Joint Basing maintains installation's military value when it reduces the overall O&M costs for support related functional activities as well as the host activity.
- These cost reductions must be balanced with the need to maintain and support existing and future Air Force distinctive capabilities.



## Imperatives

### IL

**14. Checklist: Sufficient surge capacity to meet war plans, accommodate airfield repairs and accomplish evacuation for natural disasters. - OPR: IL**

**Clarified Imperative:** No additional clarification recommended, imperative is clear as stated.

**Definition and Factors:** This imperative identifies a need to maintain sufficient surplus capacity to support additional force structure beddown from other installations necessitated due to mobilization, deployment, evacuations and airfield repairs.



## Agenda 29 Jun 04

0830-0845	Opening business	Co-chairs
	- Capacity Analysis Phase II	
	- JCSG Updates	
0845-1000	Imperatives	
1000-1030	- Break -	
1030-1145	Questions and Weights	
1145-1200	Closing business	Co-chairs



## Agenda 29 Jun 04

0830-0845	Opening business	Co-chairs
	- Capacity Analysis Phase II	
	- JCSG Updates	
0845-1000	Imperatives	
1000-1030	- Break -	
1030-1145	Questions and Weights	
1145-1200	Closing business	Co-chairs



## Weights and Questions A Modified 8 Step Program

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- ✓ ■ Step 1: Review / approve questions
- ✓ ■ Step 2: Map approved questions to criteria
- ✓ ■ Step 3: Create attribute bins within the criteria
- ✓ ■ Step 4: Weight the criteria and attributes (initial)
- ✓ ■ Step 5: Weight questions
  - Step 6: Approve metrics
  - Step 7: Sensitivity analysis
  - Step 8: Lock weights



## Purpose

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- Present BCEG consolidated questions
- Provide BCEG macro perspective of how questions fall within filters
- Give BCEG opportunity to understand weighting affect



## Team Question Review

- Focus teams “rolled up” common questions
- Rephrased questions from fact-gathering to utility
  - Combined common themed questions
  - Visualize how themes will be impacted by weights
  - Provide core questions for BCEG weighting consideration
- 61 “raw” MilVal questions regrouped into 49 weighable master questions



## Master Questions

- **Example: Stand alone question**

(DoD# 1206) “For installations with an active runway, does the installation have existing infrastructure that can support full service alert facilities?”

- Does the installation have an active alert hangar?
- Does the installation have an active ready crew facility?
- Does the installation have an active high-speed taxiway?
- Are facilities located to permit take-off in the required time?

**“Can installation support fighter alert operations for HLD?”**



## Master Questions

### ■ Example: Rolled up question -- multiple questions

- (DoD 1256) If there is an ANG unit on this installation: What was the unit strength, total percentage manned, for FY 1999 - 2003?
- (DoD 1263) If there is an AFRC unit is on the installation: What was the AFRC unit strength, total percentage manned, for FY 1999 – 2003?
- (DoD 1225) If there is an ANG unit on this installation (squadron or higher), what were the total ANG accessions and ANG recruiters assigned for FY 1999 - 2003?
- (DoD 1262) What were the total AFRC accessions and AFRC recruiters assigned for FY 1999 - 2003?

**“How well does historical ARC manning and recruiting production support this installation as an ARC location?”**



## SOF / HELO Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1226	Population density impact on USAF mission - County population from 1990 & 2000 census		Geo-locational		1	
1243	Airfield elevation		Geo-locational		1	
1245	Distance to airspace supporting (mission type) operations		Geo-locational	60%	1	
1248	Distance to drop/landing zones supporting (mission type) operations		Geo-locational		1	
1412	Distance to nearest city >= 100,000		Geo-locational		1	45%
1246,1247	Distance to low level routes supporting (mission type) operations - Distance to route and entry/exit points		Geo-locational		1	
1242	ATC restrictions to operations - Departures, delays, and percent of total		Ops. Env.		1	
1271	Prevailing installation weather conditions - VFR weather >= 3000' / 3NM over 30 years		Ops. Env.	40%	1	
213	Attainment status? - Classification, attainment date, conformity threshold		Ops. Env.		1	



## SOF / HELO Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1207	<b>Level of mission encroachment</b> - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI		2	
1232	<b>Does the installation have sufficient parking spots sited to load and arm weapons for (mission type) operations?</b>		KMI		2	
1233,1234	<b>Does the installation have sufficient munitions storage to support (mission type) operations?</b> - Listed by hazard class, with/without waivers		KMI	50%	2	
1235-40	<b>Can installation pavements support (mission type) ops?</b> - Weight bearing capacity by MDS: runway, taxiway, ramp, apron		KMI		2	
#8	<b>Ramp area and serviceability</b> - Serviceability and area		KMI			
#9	<b>Runway dimension and serviceability</b> - Serviceability, length, width, parallel (multiple entries)		KMI		2	
1249	<b>Can drop/landing zones support installation (mission type) operations?</b> - AMC-certified landing/drop zone dimensions, to include IMC/VMC capable		Ops. Areas		2	40%
1266,67, EDT 202,215	<b>Does the range complex support (mission type) training?</b> - Hours, scoreable, air-to-ground weapons delivery, low angle strafe, IMC delivery, electronic combat, laser capable, lights-out, volume - EDT: adjacent to federal land, lists weapons ap		Ops. Areas	50%	2	
EDT 203, 205, 207	<b>Does the range complex support joint (mission type) training?</b> - EDT: joint tactical tasks, littoral environment, sister-service owner,		Ops. Areas		2	



## SOF / HELO Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
221	<b>Emission budget growth allowance</b>		Growth		3	
1205a	<b>Buildable acres to support industrial operations growth</b>		Growth	50%	3	
1205b	<b>Buildable acres to support air operations mission growth</b>		Growth			
1406	<b>Community Education</b> - SAT and ACT scores of local high school		Growth		3	10%
1214	<b>Fuel dispensing rate to support mobility and surge operations</b> - Maximum and sustained jet fuel dispensing rate		Mobility/Surge	50%	3	
1241	<b>Installation ability to support large-scale mobility deployments</b> - C-17 / C-5 maximum-on-ground (MOG) capability for deployment		Mobility/Surge		3	
1250	<b>Area cost factor</b>		Cost		4	
1269	<b>Utilities cost rating (U3C)</b>		Cost		4	
1402	<b>BAH rate</b>		Cost	100%	4	5%
1403	<b>GS locality pay</b>		Cost		4	



## Fighter Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1226	<b>Population density impact on USAF mission</b> - County population from 1990 & 2000 census		Geo-locational		1	
1243	<b>Airfield elevation</b>		Geo-locational		1	
1245	<b>Distance to airspace supporting (mission type) operations</b>		Geo-locational	60%	1	
1270	<b>Suitable auxiliary airfields within 50NM of the installation</b>		Geo-locational		1	
1412	<b>Distance to nearest city &gt;= 100,000</b>		Geo-locational		1	45%
1246,1247	<b>Distance to low level routes supporting (mission type) operations</b> - Distance to route and entry/exit points		Geo-locational		1	
1242	<b>ATC restrictions to operations</b> - Departures, delays, and percent of total		Ops. Env.		1	
1271	<b>Prevailing installation weather conditions</b> - VFR weather >= 3000' / 3NM over 30 years		Ops. Env.	40%	1	
213	<b>Attainment status?</b> - Classification, attainment date, conformity threshold		Ops. Env.		1	



## Fighter Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1207	<b>Level of mission encroachment</b> - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI		2	
1221	<b>Ability to hangar permanently-based F-15 sized aircraft</b> - Number of F-15 sized aircraft to fit in hangars		KMI		2	
1231	<b>Certified Weapons Storage Area</b>		KMI		2	
1232	<b>Does the installation have sufficient parking spots sited to load and arm weapons for (mission type) operations?</b>		KMI	50%	2	
1233,1234	<b>Does the installation have sufficient munitions storage to support (mission type) operations?</b> - Listed by hazard classes, with/without waivers		KMI		2	
1235-40	<b>Can installation pavements support (mission type) ops?</b> - Weight bearing capacity by MDS: runway, taxiway, ramp, apron		KMI		2	40%
#8	<b>Ramp area and serviceability</b> - Serviceability and area		KMI			
#9	<b>Runway dimension and serviceability</b> - Serviceability, length, width, parallel (multiple entries)		KMI		2	
1203	<b>Access to adequate supersonic airspace</b> - For supersonic FA-22, JSF, and legacy fighters/bombers		Ops. Areas		2	
1266,1267, EDT 202,215	<b>Does the range complex support (mission type) training?</b> - Hours, scoreable, air-to-ground weapons delivery, low angle strafe, IMC delivery, electronic combat, laser capable, lights-out, volume - EDT: adjacent to federal land, lists weapons ap		Ops. Areas	50%	2	
EDT 203, 205, 207	<b>Does the range complex support joint (mission type) training?</b> - EDT: joint tactical tasks, littoral environment, sister-service owner,		Ops. Areas		2	



## Fighter Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
221	Emission budget growth allowance		Growth		3	
1205a	Buildable acres to support industrial operations growth		Growth	50%	3	
1205b	Buildable acres to support air operations mission growth		Growth			
1406	Community Education - SAT and ACT scores of local high school		Growth		3	10%
1214	Fuel dispensing rate to support mobility and surge operations - Maximum and sustained jet fuel dispensing rate		Mobility/Surge	50%	3	
1241	Installation ability to support large-scale mobility deployments - C-17 / C-5 maximum-on-ground (MOG) capability for deployment		Mobility/Surge		3	
1250	Area cost factor		Cost		4	
1269	Utilities cost rating (U3C)		Cost		4	
1402	BAH rate		Cost	100%	4	5%
1403	GS locality pay		Cost		4	



## Bomber Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1243	Airfield elevation		Geo-locational		1	
1246,1247	Distance to low level routes supporting (mission type) operations - Distance to route and entry/exit points		Geo-locational		1	
1226	Population density impact on USAF mission - County population from 1990 & 2000 census		Geo-locational	60%	1	
1412	Distance to nearest city >= 100,000		Geo-locational		1	45%
1242	ATC restrictions to operations - Departures, delays, and percent of total		Ops. Env.	40%	1	
213	Attainment status? - Classification, attainment date, conformity threshold		Ops. Env.		1	



## Bomber Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1235-40	Can installation pavements support (mission type) ops? - Weight bearing capacity by MDS: runway, taxiway, ramp, apron		KMI	50%	2	40%
#1	Can fuel hydrant systems support (mission type) growth? - Serviceability, number of refueling points, distance between, and type		KMI		2	
1231	Certified Weapons Storage Area		KMI	2		
1232	Does the installation have sufficient parking spots sited to load and arm weapons for (mission type) operations?		KMI	2		
1233,1234	Does the installation have sufficient munitions storage to support (mission type) operations? - Listed by hazard class, with/without waivers		KMI	2		
1207	Level of mission encroachment - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI	2		
#8	Ramp area and serviceability - Serviceability and area					
#9	Runway dimension and serviceability - Serviceability, length, width, parallel (multiple entries)		KMI	2		
1203	Access to adequate supersonic airspace - For supersonic FA-22, JSF, and legacy fighters/bombers		Ops. Areas	2		
1266,1267, EDT 202,215	Does the range complex support (mission type) training? - Hours, scoreable, air-to-ground weapons delivery, low angle strafe, IMC delivery, electronic combat, laser capable, lights-out, volume - EDT: adjacent to federal land, lists weapons ap		Ops. Areas	50%	2	
EDT 203, 205, 207	Does the range complex support joint (mission type) training? - EDT: joint tactical tasks, littoral environment, sister-service owner,		Ops. Areas		2	



## Bomber Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1205a	Buildable acres to support industrial operations growth		Growth	50%	3	10%
1205b	Buildable acres to support air operations mission growth					
221	Emission budget growth allowance		Growth		3	
1406	Community Education - SAT and ACT scores of local high school		Growth	3		
1214	Fuel dispensing rate to support mobility and surge operations - Maximum and sustained jet fuel dispensing rate		Mobility/Surge	3		
1241	Installation ability to support large-scale mobility deployments - C-17 / C-5 maximum-on-ground (MOG) capability for deployment		Mobility/Surge	50%	3	
1250	Area cost factor		Cost	4		
1403	Utilities cost rating (U3C)		Cost	4		
1402	BAH rate		Cost	100%	4	
1269	GS locality pay		Cost		4	



## ABL Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1226	Population density impact on USAF mission - County population from 1990 & 2000 census		Geo-locational		1	
1243	Airfield elevation		Geo-locational	60%	1	
1412	Distance to nearest city >= 100,000		Geo-locational		1	45%
1242	ATC restrictions to operations - Departures, delays, and percent of total		Ops. Env.		1	
213	Attainment status? - Classification, attainment date, conformity threshold		Ops. Env.		1	
1204	Ability to hangar permanently-based 747-size aircraft? - Existing 747 hangars and land to build near runway for ABL basing		KMI		2	
1207	Level of mission encroachment - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI		2	40%
1235-40	Can installation pavements support (mission type) ops? - Weight bearing capacity by MDS: runway, taxiway, ramp, apron		KMI	50%	2	
#1	Can fuel hydrant systems support (mission type) growth? - Serviceability, number of refueling points, distance between, and type		KMI		2	
#8	Ramp area and serviceability - Serviceability and area		KMI			
#9	Runway dimension and serviceability - Serviceability, length, width, parallel (multiple entries)		KMI		2	



## ABL Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
221	Emission budget growth allowance		Growth		3	
1205a	Buildable acres to support industrial operations growth		Growth	50%	3	10%
1205b	Buildable acres to support air operations mission growth		Growth		3	
1406	Community Education - SAT and ACT scores of local high school		Growth		3	
1214	Fuel dispensing rate to support mobility and surge operations - Maximum and sustained jet fuel dispensing rate		Mobility/Surge	50%	3	
1241	Installation ability to support large-scale mobility deployments - C-17 / C-5 maximum-on-ground (MOG) capability for deployment		Mobility/Surge		3	
1250	Area cost factor		Cost		4	
1269	Utilities cost rating (U3C)		Cost		4	
1402	BAH rate		Cost	100%	4	5%
1403	GS locality pay		Cost		4	



## UAV / UCAV Filter

DoD #	Question	Nom Wt	Attribute	Criteria
1226	<b>Population density impact on USAF mission</b> - County population from 1990 & 2000 census		Geo-locational	1
1243	<b>Airfield elevation</b>		Geo-locational	1
1244	<b>Airspace to support unmanned aerial vehicle flight operations</b>		Geo-locational	1
1245	<b>Distance to airspace supporting (mission type) operations</b>		Geo-locational	1
1412	<b>Distance to nearest city &gt;= 100,000</b>		Geo-locational	1
1242	<b>ATC restrictions to operations</b> - Departures, delays, and percent of total		Ops. Env.	1
1251	<b>Frequency spectrum access to support C4ISR operations</b> - Spectrum limitations for Predator, Global Hawk, RC-135, E-3, E-8, E-10		Ops. Env.	1
1271	<b>Prevailing installation weather conditions</b> - VFR weather >= 3000' / 3NM over 30 years		Ops. Env.	1
1272	<b>Installation crosswind conditions</b> - >= 10 knots and 15 knots for UAV/UCAV ops		Ops. Env.	1
213	<b>Attainment status?</b> - Classification, attainment date, conformity threshold		Ops. Env.	1



## UAV / UCAV Filter (con't)

DoD #	Question	Nom Wt	Attribute	Criteria
1207	<b>Level of mission encroachment</b> - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI	2
1221	<b>Ability to hangar permanently-based F-15 sized aircraft</b> - Number of F-15 sized aircraft to fit in hangars		KMI	2
1232	<b>Does the installation have sufficient parking spots sited to load and arm weapons for (mission type) operations?</b>		KMI	2
1233,1234	<b>Does the installation have sufficient munitions storage to support (mission type) operations?</b> - Listed by hazard class, with/without waivers		KMI	2
1235-40	<b>Can installation pavements support (mission type) ops?</b> - Weight bearing capacity by MDS: runway, taxiway, ramp, apron		KMI	2
#8	<b>Ramp area and serviceability</b> - Serviceability and area			
#9	<b>Runway dimension and serviceability</b> - Serviceability, length, width, parallel (multiple entries)		KMI	2
1203	<b>Access to adequate supersonic airspace</b> - For supersonic FA-22, JSF, and legacy fighters/bombers		Ops. Areas	2
1249	<b>Can drop/landing zones support installation (mission type) operations?</b> - AMC-certified landing/drop zone dimensions, to include IMC/VMC capable		Ops. Areas	2
1266,1267, ET 202,215	<b>Does the range complex support (mission type) training?</b> - Hours, scoreable, air-to-ground weapons delivery, low angle strafe, IMC delivery, electronic combat, laser capable, lights-out, volume - EDT: adjacent to federal land, lists weapons ap		Ops. Areas	2
EDT 203, 205,207	<b>Does the range complex support joint (mission type) training?</b> - EDT: joint tactical tasks, littoral environment, sister-service owner.		Ops. Areas	2



## UAV / UCAV Filter (con't)

DoD #	Question	Nom Wt	Attribute	Criteria	
221	Emission budget growth allowance		Growth	3	
1205a	Buildable acres to support industrial operations growth		Growth	3	10%
1205b	Buildable acres to support air operations mission growth		Growth	3	
1406	Community Education - SAT and ACT scores of local high school		Growth	3	
1241	Installation ability to support large-scale mobility deployments - C-17 / C-5 maximum-on-ground (MOG) capability for deployment		Mobility/Surge	3	50%
1250	Area cost factor		Cost	4	
1269	Utilities cost rating (U3C)		Cost	4	
1402	BAH rate		Cost	4	100%
1403	GS locality pay		Cost	4	



## Tanker/C2ISR Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1226	Population density impact on USAF mission - County population from 1990 & 2000 census		Geo-locational		1	
1243	Airfield elevation		Geo-locational	60%	1	
1412	Distance to nearest city >= 100,000		Geo-locational		1	45%
1242	ATC restrictions to operations - Departures, delays, and percent of total		Ops. Env.		1	
1251	Frequency spectrum access to support C4ISR operations - Spectrum limitations for Predator, Global Hawk, RC-135, E-3, E-8, E-10		Ops. Env.	40%	1	
213	Attainment status? - Classification, attainment date, conformity threshold		Ops. Env.		1	
1207	Level of mission encroachment - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI		2	
1235-40	Can installation pavements support (mission type) ops? - Weight bearing capacity by MDS: runway, taxiway, ramp, apron		KMI		2	
#1	Can fuel hydrant systems support (mission type) growth? - Serviceability, number of refueling points, distance between, and type		KMI	100%	2	40%
#8	Ramp area and serviceability - Serviceability and area		KMI			
#9	Runway dimension and serviceability - Serviceability, length, width, parallel (multiple entries)		KMI		2	



## Tanker/C2ISR Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
221	Emission budget growth allowance		Growth		3	
1205a	Buildable acres to support industrial operations growth		Growth		3	
1205b	Buildable acres to support air operations mission growth		Growth		3	
1211	Available installation bandwidth - Installation bandwidth capacity, use, and expected growth		Growth	50%	3	10%
1406	Community Education - SAT and ACT scores of local high school		Growth		3	
1214	Fuel dispensing rate to support mobility and surge operations - Maximum and sustained jet fuel dispensing rate		Mobility/Surge	50%	3	
1241	Installation ability to support large-scale mobility deployments - C-17 / C-5 maximum-on-ground (MOG) capability for deployment		Mobility/Surge		3	
1250	Area cost factor		Cost		4	
1269	Utilities cost rating (U3C)		Cost	100%	4	5%
1402	BAH rate		Cost		4	
1403	GS locality pay		Cost		4	



## Airlift Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1226	Population density impact on USAF mission - County population from 1990 & 2000 census		Geo-locational		1	
1243	Airfield elevation		Geo-locational		1	
1248	Distance to drop/landing zones supporting (mission type) operations		Geo-locational	60%	1	
1412	Distance to nearest city >= 100,000		Geo-locational		1	45%
1246,1247	Distance to low level routes supporting (mission type) operations - Distance to route and entry/exit points		Geo-locational		1	
1242	ATC restrictions to operations - Departures, delays, and percent of total		Ops. Env.		1	
213	Attainment status? - Classification, attainment date, conformity threshold		Ops. Env.	40%	1	
1207	Level of mission encroachment - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI		2	
1235-40	Can installation pavements support (mission type) ops? - Weight bearing capacity by MDS: runway, taxiway, ramp, apron		KMI		2	
#1	Can fuel hydrant systems support (mission type) growth? - Serviceability, number of refueling points, distance between, and type		KMI	70%	2	40%
#8	Ramp area and serviceability - Serviceability and area		KMI			
#9	Runway dimension and serviceability - Serviceability, length, width, parallel (multiple entries)		KMI		2	
1249	Can drop/landing zones support installation (mission type) operations?		Ops. Areas	30%	2	



## Airlift Filter (con't)

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
#1	Can fuel hydrant systems support (mission type) growth? - Serviceability, number of refueling points, distance between, and type		KMI	70%	2	40%
#8	Ramp area and serviceability - Serviceability and area		KMI			
#9	Runway dimension and serviceability - Serviceability, length, width, parallel (multiple entries)		KMI		2	
1249	Can drop/landing zones support installation (mission type) operations?		Ops. Areas	30%	2	
221	Emission budget growth allowance		Growth		3	
1205a	Buildable acres to support industrial operations growth		Growth	50%	3	
1205b	Buildable acres to support air operations mission growth		Growth		3	
1406	Community Education - SAT and ACT scores of local high school		Growth		3	10%
1214	Fuel dispensing rate to support mobility and surge operations - Maximum and sustained jet fuel dispensing rate		Mobility/Surge	50%	3	
1241	Installation ability to support large-scale mobility deployments - C-17 / C-5 maximum-on-ground (MOG) capability for deployment		Mobility/Surge		3	
1250	Area cost factor		Cost		4	
1269	Utilities cost rating (U3C)		Cost		4	5%
1402	BAH rate		Cost	100%	4	
1403	GS locality pay		Cost		4	



## Space Ops Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1226	Population density impact on USAF mission - County population from 1990 & 2000 census		Geo-locational		1	45%
1412	Distance to nearest city >= 100,000		Geo-locational	5%	1	
1210	Line-of-sight encroachment - Antenna restrictions: azimuth, elevation, transmission		Ops. Env.		1	
1251	Frequency spectrum access to support C4ISR operations - Spectrum limitations for Predator, Global Hawk, RC-135, E-3, E-8, E-10		Ops. Env.	95%	1	
#27	Available bandwidth to support space operations		Ops. Env.		1	
1207	Level of mission encroachment - Clear zones, accident potential zones, incompatible zoning, land usage, & easements		KMI	100%	2	40%
1205a	Buildable acres to support industrial operations growth		Growth		3	
1211	Available installation bandwidth - Installation bandwidth capacity, use, and expected growth		Growth	100%	3	10%
1406	Community Education - SAT and ACT scores of local high school		Growth		3	
221	Emission budget growth allowance		Growth			
1250	Area cost factor		Cost		4	
1269	Utilities cost rating (U3C)		Cost	100%	4	5%
1402	BAH rate		Cost		4	
1403	GS locality pay		Cost		4	



# ICBM Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1226	Population density impact on USAF mission - County population from 1990 & 2000 census		Geo-locational	100%	1	45%
1412	Distance to nearest city >= 100,000		Geo-locational		1	
1231	Certified Weapons Storage Area		KMI	100%	2	40%
333	Rail service for shipment of stages and boosters		KMI		2	
1211	Available installation bandwidth - Installation bandwidth capacity, use, and expected growth		Growth		3	
1406	Community Education - SAT and ACT scores of local high school		Growth	100%	3	10%
1250	Area cost factor		Cost		4	
1269	Utilities cost rating (U3C)		Cost		4	
1402	BAH rate		Cost	100%	4	5%
1403	GS locality pay		Cost		4	

- Results may not reflect “best base” if stand alone filter
- If current ICBM force structure an Imperative, then process should be consistent w/ Spacelift

**BCWG recommendation filter be deleted**



# HLD Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
	Key site response time (classified)		Geo-locational	100%	1	90%
1206	Ability to support fighter alert operations for HLD		KMI	100%	2	10%



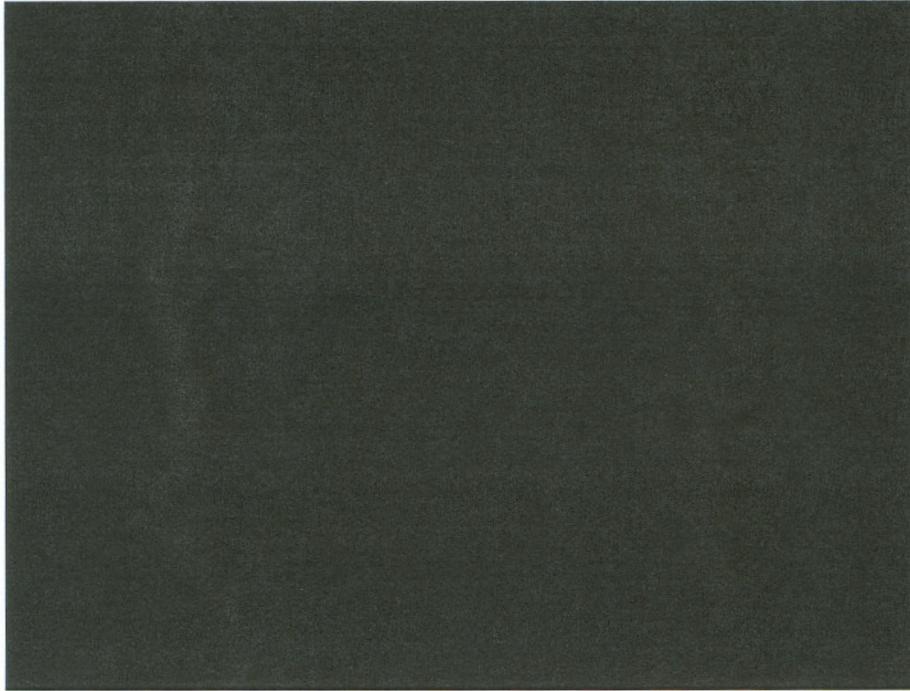
## ARC Filter

DoD #	Question	Nom Wt	Attribute	A. Wt.	Criteria	C. Wt.
1256,1262, 1263,1225	How well does historical ARC manning and recruiting production support this installation as an ARC location? - ANG/AFRC unit manning, accessions, recruiters FY99 - 03		Geo-locational	100%	1	95%
1260,1261	How well does the recruitable market support this installation as an ARC location? - Prior and non-prior service eligible population w/i 100 miles		Geo-locational		1	
1224	For leased land that supports mission-critical functions, is the lease secure through 2025? - ARC question to evaluate civilian/military joint use fields		KMI	100%	2	5%



## Agenda 29 Jun 04

0830-0845	Opening business	Co-chairs
	- Capacity Analysis Phase II	
	- JCSG Updates	
0845-1000	Imperatives	
1000-1030	- Break -	
1030-1145	Questions and Weights	
1145-1200	Closing business	Co-chairs



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NOT RELEASABLE UNDER FOIA

## Agenda

8 Jul 04

0830-0845	Opening business	Co-chairs
0845-0930	Imperatives	
0930-1015	Question weights	
1015-1045	Break	
1045-1115	Criteria 6-8	
1115-1145	Environmental mitigation	TBD
1145-1200	Closing business	Co-chairs



## Agenda

13 Jul 04

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0830-0845	Opening business	Co-chairs
0845-0915	Imperatives	
0915-1000	Analysis Process (part 2)	
1000-1030	Break	
1030-1100	Criterion 6-8	
1100-1155	Ethics/Conflict of Interest	SAF/GCN
1155-1200	Closing business	Co-chairs



## Agenda

20 Jul 04

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0830-0845	Opening business	Co-chairs
0845-0930	Imperatives	
0930-1015	Question Metrics	
1015-1045	Break	
1045-1115	Question Metrics	
1115-1145	Ethics/Conflict of Interest	SAF/GCN
1145-1200	Closing business	Co-chairs