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DEPARTMENT OF THE AIR FORCE

WASHINGTON, DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

APR 1 2004

MEMORANDUM FOR RECORD

SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Meeting, 26 Mar 04

Maj Gen Heckman and Mr Aimone called the meeting to order at 0830 the Pentagon, Room 5C279. Attendance is at Atch 1. Though the meeting was predominantly non-deliberative, Maj Gen Heckman announced that the meeting would become deliberative with regard to Criterion 4, Criterion 7, and binning. The minutes of the March 22, 2004 BCEG meeting were unanimously approved without comment.

... presented an information briefing on the Joint Cross Service Working Group, Subgroup Ranges, attributes and questions. (Slides 5-23) The BCEG engaged in discussion of capacity versus capability and expressed the sense that it would like to use E&T ranges data and analysis to the maximum extent practicable.

... provided an information briefing on Military Value and Criteria 4. (Slides 25-29) What followed was a deliberative session where the BCEG discussed broad measures to define costs in Criterion 4. The BCEG voted unanimously to adopt BAH, Area Cost Factors, Locality Pay, and Utilities as candidate evaluation measures.

..., provided a COBRA data progress report for information. (Slides 33-44) Mr Aimone raised the question if the collection of additional real property data is necessary. This question will be raised to the COBRA JPAT.

... presented an information brief on the Criterion 7 rollup and attributes. (Slides 49-64) The BCEG entered a deliberative session. Within the deliberative session the BCEG voted unanimously to accept the 100,000-population catchall as a candidate measure.

... provided a framework review information briefing on notional binning for the Military Value analysis. Maj Gen Heckman and Mr Aimone discussed the goal to refine the number of bins and posit groupings. (Slides 69-84)

The next BCEG meeting was scheduled for 29 March at 0830 in Pentagon Room 5C279. Whereupon the meeting concluded at 11:35.

A handwritten signature in black ink, appearing to be "M. J. ...".

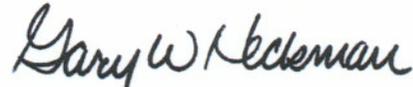
BCEG Recorder

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The minutes above are approved.



MICHAEL A. AIMONE, P.E.
SAF/IEB
Co-Chairman



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

Attachments:
As Stated

Base Closure Executive Group Attendance

Date: 26 March 04

Chairs

- Mr. Mike Aimone
- Maj Gen Gary Heckman

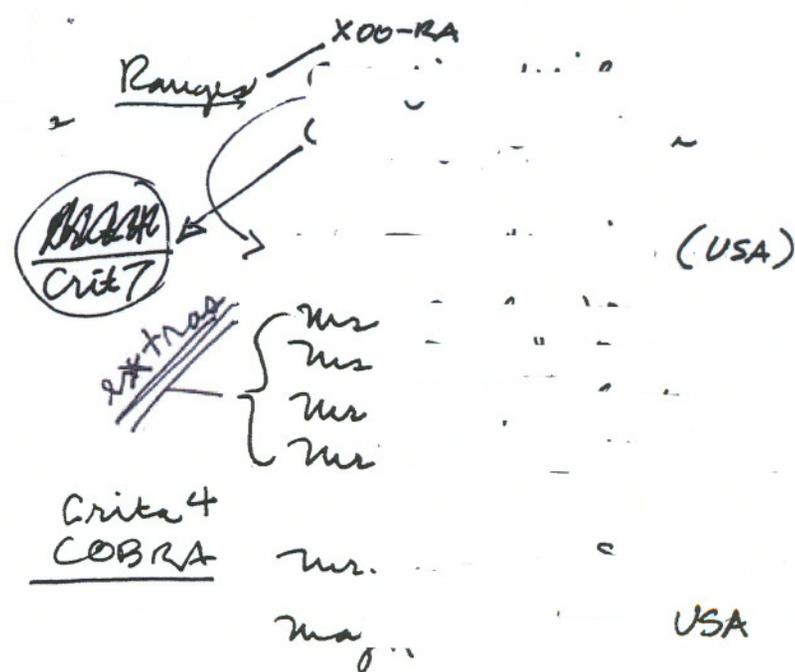
**Voting members are underlined

Primary Members	Alternate Members	Representatives
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<input checked="" type="checkbox"/> <u>Brig Gen Dave Brubaker</u>	<input type="checkbox"/> <u>Brig Gen Tony Haynes</u>	<input type="checkbox"/>
<u>oh</u> <input type="checkbox"/> <u>Brig Gen Rajczak</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> <u>Brig Gen Michael Lynch</u>	<input checked="" type="checkbox"/> <u>Mr. Fred Pease</u>	<input type="checkbox"/>
<input type="checkbox"/> <u>Mr. Fred Kuhn</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>oh</u> <input type="checkbox"/> <u>Ms. Cathy Sparks</u>	<input checked="" type="checkbox"/> <u>Ms. Kathy Ferguson</u>	<input type="checkbox"/>
<u>oh</u> <input type="checkbox"/> <u>Mr. Tim Beyland</u>	<input type="checkbox"/> <u>Mr. Matt Mleziva</u>	<input checked="" type="checkbox"/> <u>CT Col</u>
<input type="checkbox"/> <u>Ms. Gina Guy</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> <u>Mr. Jay Jordan</u>	<input type="checkbox"/>	<input type="checkbox"/>
<u>oh</u> <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"/>

Others

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- AFAA {
- MV Binning



Headquarters U.S. Air Force

Integrity - Service - Excellence

BCEG



26 Mar 04

U.S. AIR FORCE



8 Steps to Military Value Analysis

- Step 1: Approve questions
- Step 2: Bin the approved questions to criteria
- Step 3: Create attribute bins within criteria
- Step 4: Approve questions for each filter
- Step 5: Weight the criteria
- Step 6: Weight the attributes
- Step 7: Weight the questions
- Step 8: Approve Metrics



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Agenda 26 Mar 04

- 0830-0930 **JCSG Range Subgroup**
- 0930-0945 Criteria 4 Mil Value
- 0945-1000 Criteria 5
- 1000-1015 -- Break --
- 1015-1045 Criteria 7 Mil Value Questions
- 1045-1115 Question/Criteria Binning Summary
- 1115-1130 Joint Action Scenario Team (JAST)

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3

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Joint Cross Service Group Range Subgroup

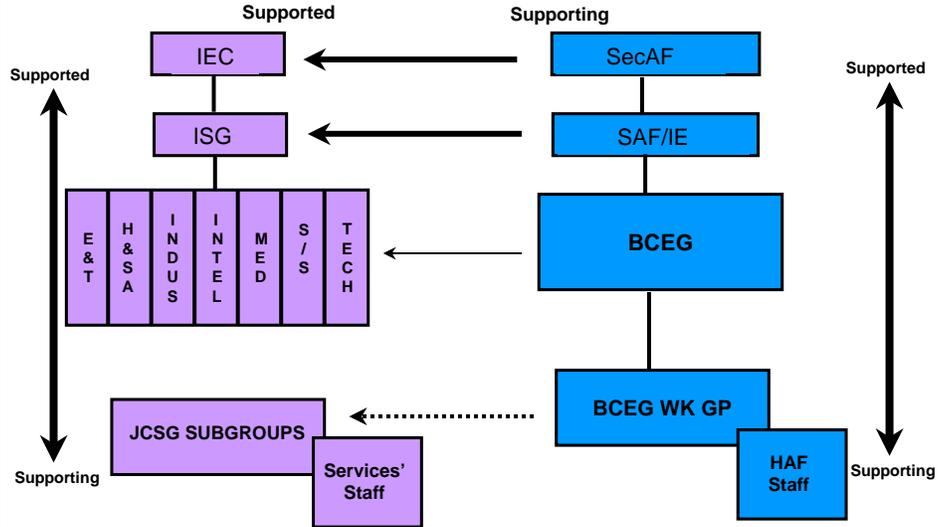


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26 Mar 04

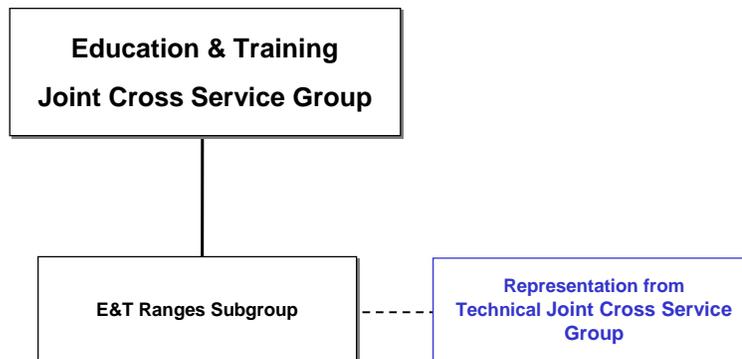
U.S. AIR FORCE



AF BRAC 2005 Command Relationships



Range Subgroup Organization





E&T JCSG Metrics Affecting Ranges Sub-Group Per Jul 03 Abell Memo

- **Collective Training** within the Dept of Defense (DoD) is defined as instruction and applied exercises that prepare an organizational team (such as a squad, aircrew, battalion, or multi-Service task (force) **to accomplish required military tasks as a unit** and include the following capabilities:
 - **Unit** – US Military training based on Service policy and doctrine. Training should be linked to Service **mission essential task lists (METL)** to prepare individuals, staffs, and Service units. Training includes basic, technical, and component operational training in response to operational requirements deemed necessary by combatant commands to execute assigned missions.
 - **Interoperable** - Interoperability Training (Service-to-Service). US Military Service component training that ensures the **ability of** systems, units, or forces to provide services **to and accept services from other systems, units or forces** and to use the services, so exchanged, to enable them to operate effectively together during multi-Service operations. Services are responsible for providing interoperable forces **to combatant commanders**. Interoperability training is based on joint doctrine and joint tactics, techniques, and procedures (JTTP).
 - **Joint** – Joint Training. US military training based on joint doctrine or JTTP to prepare joint forces and/or joint staffs to respond to strategic and operational requirements deemed necessary by combatant commanders to execute their assigned missions. **Joint training involves forces of two or more military departments** interfacing with combatant commander or subordinate joint force commander; involves joint forces and/or joint staffs; and is conducted using joint doctrine and JTTP.
 - **Training Support:**
 1. Training ranges, airspace, and operating areas and their performance enablers.
 2. Simulation centers and simulators (constructive and virtual).

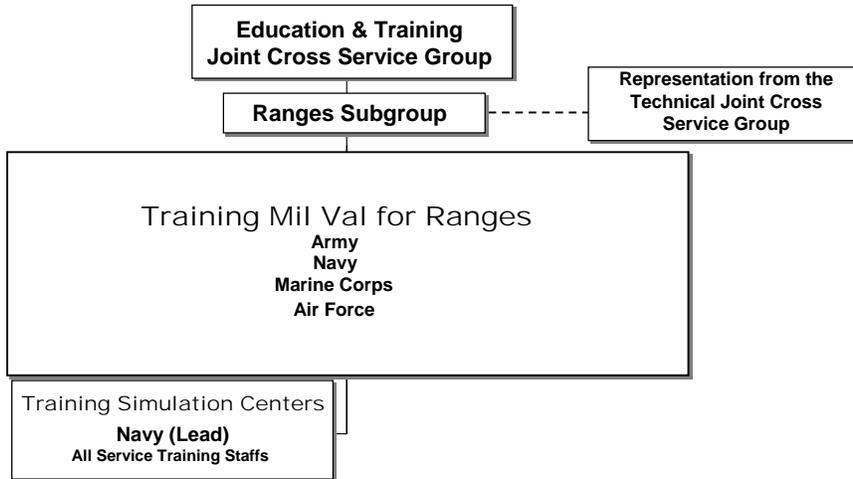


E&T JCSG Metrics Affecting Ranges Sub-Group Per Jul 03 Abell Memo

Guiding Principles	Methodology	Examples
Advance Jointness	Declare jointness as paramount for specific functions	JCAS, JMOUT
	Establish Joint National Training constructive training environment	JCAS, JMOUT JNTC
Achieve Synergy	Increase cross-functional use of training and testing ranges	JNTC; Regional Capabilities
Capitalize on technology	Develop training reach-back	Common Instrumentation
Exploit best practices	Extend current/past successful efforts Establish centers of excellence	JNTC, JMOUT JCAS
Minimize redundancy	Identify common functional areas Eliminate unnecessary duplication , reduce or avoid costs, increase efficiency	Regional Capabilities

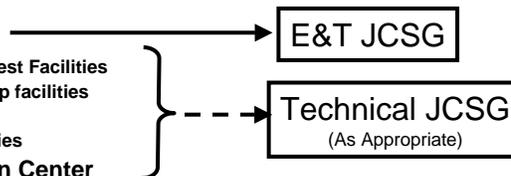


Range Subgroup Organization



Capacity Analysis

- Ranges and Collective Training
 - Training
 - Ground Combat: Maneuver & Live Fire
 - Air Combat (including Airspace): Air-to-Air, Air-to-Ground, Surface-to-Air & Access to Space
 - Maritime Combat: Sea Surface & Sub-surface
 - Test
 - Open-air ranges
 - Models & Sims
 - Installed Systems Test Facilities
 - Hardware-in-the-loop facilities
 - Integration labs
 - Measurement facilities
 - Training Simulation Center
 - Virtual
 - Constructive





Range Capacity Measurements

- Ground, Sea, and Airspace
 - Weapons Capabilities Supported
 - Utilization
 - Unique Operation Settings
- Physical Plant:
 - Instrumentation
 - Support Facilities
- Personnel
- Operational Capabilities
 - Range Control
 - Scorable Targets
 - “Controlled Range”

• Limitations: Includes Encroachment and Environment



Capacity Questions

IV.1.A. Identify and Describe Airspace (These questions are answered by the activity's Airspace Manager.)

Instructions: When answering these questions include all of the following: Special Use Airspace (Restricted/Alert/Warning/Military Operating and Prohibited Areas) and Airspace for Special Use (ATCAA/LATN/MTR/AR/ALTRV) and similar areas. List and identify each unit of airspace in accordance with DOD flight information publications and/or local/regional publications and letters of agreements.

IV.1.A.1. **Airspace.** If the activity is responsible for any airspace, list and identify each piece of airspace in the table provided below. (SOURCE: OG) (OPR: Airspace Manager SOURCE: Local supplement to AFI 13-212, Special Order 7400.8 and the AP/1A.)

Airspace Designation [EXAMPLE S SHOWN]	Type (MOA, Restricted Area, ATCAA, etc.)	Impact Area? (Yes/No)	Supersonic Allowed Below 30k? (Yes/No)	Total Hours per Year Available if Open 24/7	Published Hours Monday Through Friday (inclusive)	Published Hours Saturday and Sunday	Total Hours Scheduled per Year	Total Hours Used per Year	Identify significant factors limiting utilization if present
Owyhee MOA									[Pull down menu/Choice List]

IV.1.A.2. If the activity is responsible for any airspace, list and identify each piece of airspace in the table provided below. (OPR: Airspace Manager/Range Manager.

SOURCE: Several sources and calculations, Airspace Identity and Type (except for ATCAAs) will be in Special Order 7400.8, ATCAAs will be in local agreements with the FAA regional center. Ordnance operations are in local range pubs and/or the local supplement to AFI 13-212. Supersonic airspace is identified in an EIS, agreements with the FAA and possibly in the local AFI 13-212 Supplement. SUAS restrictions (other than those for ATCAAs) are listed in the Special Order 7400.8 and the AP/1A)

Airspace Designation	Area of Airspace (Shadow - NM ²)	Lower Altitude (FT)	Upper Altitude (FT)	Gross Volume (NM ³)	Unusable Volume (NM ³)	Net Usable Volume (NM ³)	Supersonic Volume Below 30K MSL (NM ³)	Drop Volume (NM ³)	Chaff Volume (NM ³)

[CONTINUED FROM ABOVE]

Flare Volume (NM ³)	Night-usable Volume (NM ³)	Lights out Volume (NM ³)	Usable Low Altitude Volume (SFC/100/300/500' AGL to 8000' AGL) (NM ³)	Minimum Altitude Below 1000' AGL? (Yes/No)	Minimum Altitude Below 500' AGL? (Yes/No)



Capacity Questions

IV.1.A.4. **Threat Systems.** If the activity is responsible for special use airspace or airspace for special use, complete the following table to describe the threats available. (SOURCE: Range Guide) (N/A USMC, USN manages emitters)

Airspace Designation	Transportable Threat Emitter? (Yes/No)	Reactive Threat Emitter? (Yes/No)	Type of threats? (Pull Down Menu)	Radar Jammer? (Yes/No)	Communications Jammer? (Yes/No)	Smokey Sams? (Yes/No)	Smokey Guns? (Yes/No)

IV.1.A.5. **Military Training Routes** Complete the following table to describe the number of SR, VR, and IR routes the activity schedules. (OPR: Airspace Manager. SOURCE: AP/IB for routes)

Route Name/#	Route Length (NM)	Effective times Available per Year (Hrs)	Hours Scheduled per Year (Hrs)

IV.1.A.6. **Air Refueling Tracks** Complete the following table to describe the number of air refueling (AR) tracks the activity schedules. (OPR: Airspace Manager. SOURCE: AP/IB for routes) [NOTE: Need to work the methodology for determining the number of ARs per year because of variables of altitude blocks and deconfliction by time issues.]

AR Track (AR601, AR17A, None, etc.)	Effective times	Hours Available per Year Given 24 Hour Day (Hrs)	Hours Available per Year Published Hours (Hrs)	Hours Scheduled per Year (Hrs)	Air Refuelings Available per Year (See note above)	Air Refuelings Scheduled per Year

IV.1.A.8. **Extended Weapons** Is the activity responsible for any special use airspace or range areas that have extended weapons capability (ISOW, JASSM, ALCM/CALCM, etc?) (SOURCE: AFI 13-212 Sup)

Airspace Designation	Type of Weapons	Restrictions
	[Choice List]	[Pull down menu of restriction categories]



Capacity Questions

IV.1.B. **Identify and Describe Air to Ground Areas** (These questions are answered by the activity's Range Managers.)

IV.1.B.1. **Land Attributes** If the activity is responsible for any range areas associated with managed airspace for air-to-ground activities, list the areas and capabilities below. (OPR: Airspace Manager/Range Manager. SOURCE: Unit AFI 13-212 Supplement, Unit Range Manager.)

Land Designation	Area (Acres or NMF)	Inert Small Scale? (Yes/No)	Inert Full Scale? (Yes/No)	Live? (Yes/No)	Depleted Uranium? (Yes/No)	CBU? (Yes/No)	High Angle Strafe? (Yes/No)	Low Angle Strafe? (Yes/No)

AGMs? (Yes/No)	PGM? (Yes/No)	GBU? (Yes/No)	Lasers? (Yes/No)	Drop Zone? (Yes/No)	landing Zone? (Yes/No)	Other Special Weapons?
						[Pull down menu]

[CONTINUED]

Published Hours of Operation? (# of Hours per Day)	Heading Restrictions for Delivery? (Two Columns: Total #, # Restricted)	High and Low Altitude Deliveries? (<10k, <18k, <30k) [Pull down menu with more options]	Multiple/Salvo Deliveries? (Yes/No)

[CONTINUED]

IR Targets? (Yes, No)	Are IFR Munitions Releases Authorized? (Yes, No)	Percentage of target sets scoreable? (%)	Can the scoring system score multiple targets/DMPI at the same time? (Yes, No)	Percentage of target sets that are IR/Night scoreable? (%)

[CONTINUED]

Is the range controlled by a Range Control Officer (RCO)? (Yes, No)	Is the range radar controlled? (Cowboy Control, Clover Control, etc.) (Yes, No)	Is the range ACMI (or comparable system) capable? (Yes, No)	List reason, dates/times of seasonal restrictions? (No drop, fire season, Jul-Oct annually, etc.)	List data transmission capabilities from the range to user units. (Video feed, voice, scoring camera footage, ECM feedback, threat reaction video, etc.)
			[Pull down menu]	[Pull down menu]



Capacity Questions

IV.1.B.2. **Targets.** Are specialized targets available in special use airspace or range areas for which the activity is responsible? (SOURCE: AFI 13-212 Sup)

Yes
 No

IV.1.B.3. If specialized targets are available in special use airspace or range areas for which the activity is responsible, complete the tables below. (SOURCE: AFI 13-212 Sup)

Area Designator	Heated Targets for Infrared	Remote Controlled Targets

IV.1.C. **Describe Usage** (These questions answer the “Where and Why” and are answered by the actual airspace user.)

IV.1.C.1. **Airspace Usage** List and identify each piece of airspace the activity routinely uses, in the table provided below. Include all special use airspace and airspace for special use. The local Airspace and Range is defined as the closest Special Use Airspace or Range to the activity. (OPR: Flying squadron (user) SOURCE: Several sources and calculations, Airspace Identity and Type (except for ATCAAs) will be in Special Order 7400.8, ATCAAs will be in local agreements with the FAA regional center. Distance from installation to entry point will be calculated. Ordnance operations are in local range pubs and/or the local supplement to AFI 13-212. Supersonic airspace is identified in an EIS, agreements with the FAA and possibly in the local AFI 13-212 Supplement. SIAS restrictions (other than those for ATCAAs) will be listed in the Special Order 7400.8 and the AP1A.)

Activity (Unit Designation) (ex. III Airborne Assault BDE,Ft Campbell KY)	Airspace Designation	Type (MOA, Restricted Area, ATCAA, etc.) (API/B)	Aircraft Type(s) (One line entry for all aircraft from that unit) (F-18, F-14, UH-60, AH-64, C-130)	Distance from Installation to Area Entry Point (NM) (SOURCE: Falcon View or similar mission planning software) (NM)	List Reasons Used (Unique training, Live Drop, Mountains, Dissimilar Training, etc.)	Total Hours Actually in the Airspace for This Unit (Do not include dead-head time to and from)
			[Pull down menu]		[Pull down menu]	

IV.1.C.2. If local special use airspace and airspace for special use areas do not meet all current requirements and other airspace is used complete the table below. (SOURCE: OG; MAJCOM Training AFIs; Unit Scheduling)

List Total Number of Annual Flight Requirements (RAP, Continuation Training, Command Directed Events, etc.)	Number of Sorties Actually Flown in Local Airspace	Number of Sorties Actually Flown Away from Local Airspace	Reason Flown in Other Than Local Airspace (Unique training, Live Drop, Mountainous, Dissimilar Training, etc.)	If Flown in Other than Local Airspace Specify Impacts on Unit Mission (Increased sortie duration, decreased UTE rate, long drone times, reduced training events)
			[Pull down menu/Choice List]	[Pull down menu/Choice List]



Capacity Questions

IV.1.D. **Identify and Describe Constraints** (Managers)

IV.1.D.1. Are there any noise sensitive areas (NSAs) associated with any special use airspace or airspace for special use managed/controlled/scheduled by the activity/range? (SOURCE: OG, AP1B, MAJCOM CHUM Documents)

Yes
 No

IV.1.D.2. If there are any known noise sensitive areas (NSAs) associated with any special use airspace or airspace for special use managed/controlled/scheduled by the activity/range, complete the table below using the Flight Information Publications (FLIP) and/or local/regional publications and letters of agreements. (SOURCE: OG, AP1B; MAJCOM CHUM Documents)

Identify NSA	Is NSA Documented in FLIP and/or Local/Regional Publications and Letters of Agreements? (Yes/No)

IV.1.D.3. Are there any local agreements associated with any special use airspace, airspace for special use, or land areas managed/controlled/scheduled by the activity/range? (SOURCE: CEV; OG)

Yes
 No

IV.1.D.4. If there are any known civilian/commercial encroachment constraints associated with any special use airspace or airspace for special use managed/controlled/scheduled by the activity/range, complete the table below. (SOURCE: AIR FORCE FREQUENCY MANAGEMENT ?AGENCY? (AFFMA)CEV; OG)

Airspace or Land Designator	Documented Constraint	Hours per Day/Week/Month/Year (Pick one) Constraint in Effect
	[Pull down menu/Choice List]	

IV.1.D.5. Has spectrum reduction impacted your ability to use special use airspace or range areas that the unit manages/controls/schedules? (SOURCE: OG)

Yes
 No

IV.1.D.6. If spectrum reduction has impacted your ability to perform operations within an area, complete the following table. (SOURCE: OG)

Identify the Spectrum	Identify the Nature of Constraint
	[Pull down menu/Choice List]

IV.1.D.7. Has a radio frequency profile evaluation been completed? (SOURCE: Unit CS; OG)

Yes
 No



Mil Value Assessed Functions

- Training
 - Unit/Collective
 - Instruction and Applied Exercises
 - Interoperable
 - Service-to Service or Cross Service
 - Joint
 - Training based on Joint Doctrine
 - Simulation Center
 - Virtual Simulation
 - Constructive Model or Simulation



OSD MIL VAL Criteria Applied to Ranges MIL VAL Process

T&E	Training	
30%	20%	1. Current & Future Mission Requirements
50%	50%	2. Availability of Land, Facilities and associated Airspace to include training areas for maneuver by ground, naval & air forces through a diversity of climate and terrain.
10%	20%	3. Ability to accommodate contingency, Mobilization and future force requirements.
10%	10%	4. Cost & Manpower Implications.



MIL VAL Scoring Plan

	WEIGHT EACH CRITERION	WEIGHT EACH:		
		ATTRIBUTE	METRICS	
All Criteria = 100%	20% 1. Future Mission Requirements	1-1	5	
		1-2	3	
		1-3	2	
		1-4	1	
	50% 2. Availability of Land, Facilities and associated Airspace to include training areas for maneuver by ground, naval & air forces through a diversity of climate and terrain.		2-1	1
			2-2	4
			2-3	7
			2-4	2
			2-5	4
			2-6	2
	20% 3. Ability to accommodate contingency, Mobilization and future force requirements.		3-1	1
			3-2	1
	10% 4. Cost & Manpower Implications.		4-1	1
4-2			2	

Data From Capacity and/or MIL VAL Data Cal Questions

SCENARIOS



Mil Val - Criteria #1

OSD "Interim" Criteria - Weighted for Training Function - E&T JCSG Range Subgroup

#1	The Current & Future Mission Requirements and the impact on operational readiness of the Department of Defense's total force, including impacts on Joint Warfighting, training, and readiness.		Questions	
	Attributes (Doctrine)	Metrics		
1-1. Future Weapons Systems with current Capacity		1-1-1. Extended Range Weapons	Use Capacity Data	
		1-1-2. UAV	Use Capacity Data	
		1-1-4. Frequency Spectrum	Use Capacity Data	
1-2. Future Training Doctrine (T2 & JNTC)		1-2-1. Instrumentation - Evaluation	1-2-1-a Use Capacity Data	
			1-2-1-b Can your Range/OPAREA support instrumentation of systems equivalent in size to an Army Unit of Action?	
			1-2-1-b Can your Range/OPAREA instrumentation support live fire exercises?	
			1-2-1-b Does instrumentation systems on your Range/OPAREA support centralized range control and monitoring?	
			1-2-1-b Does your Range/OPAREA instrumentation support real time data collection, centralized monitoring and collection, and integrated after action reviews of ground forces?	
			1-2-1-b Does your Range/OPAREA have an existing permanent or mobile facilities supporting after action reviews?	
			1-2-1-b Can your Range/OPAREA instrument air to air operations?	
			1-2-1-b If your Range/OPAREA has instrumentation does it support air to ground operations?	
			1-2-3. OPFOR - Threat and Targets/Systems	1-2-3-a. Use Capacity Data
			1-3. Ability to Expand	
1-3-1-b Are there adjacent Federal Lands/Airspace (FED, BLM, DOD, NFS, BOR) and/or Other government Lands/Airspace (State, Local, TVA, BIA)				
		1-3-2. Unused Available Internal Capacity	1-3-2-a Use Capacity Data	
1-4. Ability to reconfigure		1-4-1. Internal Reconfigurability	1-4-1-a. Mobile Threat Systems (Use Capacity Data)	



Mil Val - Criteria #2

OSD "Interim" Criteria - Weighted for Training Function - E&T JCSG Range Subgroup

#2 2. The Availability and condition of Land, Facilities, and Associated Airspace including training areas suitable for maneuver by ground, naval & air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed For		
Attributes (Doctrine)	Metrics	Question
2-1. Mission Capability	2-1-1. Mission Capability of Current Requirements	2-1-1-a. Use Capacity Question and JCSG Analysis
2-2. Base Line Capabilities	2-2-1. Air 2-2-2. Land 2-2-3. Sea 2-2-4. Littoral	2-2-1-a. Use Capacity Data 2-2-2-a. Use Capacity Data 2-2-3-a. Use Capacity Data 2-2-4-a. Use Capacity Data
2-3. Joint Training Capability	2-3-4. Operational Setting 2-3-5. Joint Potential - Proximity of Ranges 2-3-6. Range Capability to Support Joint Tactical Tasks	Use Capacity Question: What % of your range is by range type. Fill in table with percentages. USE Capacity Data and JCSG Analysis 2-3-6-a If you are a range/OPAREA have demonstrated the capability to conduct/support/evaluate performance on the Joint Tactical Task List. Response is Yes/No. Ref: CJCSM 3500.04C Note: If column # 2 is marked with yes, you cannot mark yes in any ot
2-4. Cross Functional Capability	2-4-1. Cross-Functional Range Utilization	2-4-1-a What percent of your scheduled events/sorties on an annual basis supported training and testing? Fill in the table below.
2-6. Encroachment	2-6-1. Environmental and Non DoD Restrictions 2-6-2. Urbanization/ACUZ	Use Capacity data 2-6-2-a Does your Range/OPAREA have an existing RAICUZ/RUCUZ (Yes/No), adopted AICUZ/FAA 150 study (Yes/No), or buffers established outside the range boundary (Yes/No)? Fill in the table below.



Mil Val - Criteria #3

OSD "Interim" Criteria - Weighted for Training Function - E&T JCSG Range Subgroup

#3 3. The Ability to accommodate contingency, mobilization and future total force requirements at both existing and potential receiving locations to support operations and training.		
Attributes (Doctrine)	Metrics	Questions
3-1. Range Requirement - Mobilization (Surge)	3-1-1. Available Key Type Unit (e.g., Carrier Gp. Wing, Bde Cbt Team, MEB) Capacity	Use Capacity Data
3-2. Range Capability by Unit Type	3-2-1. Available Key Type Unit (e.g., Carrier Gp. Wing, Bde Cbt Team/UA, MEF) Capacity	Use Capacity Data



Mil Val - Criteria #4

OSD "Interim" Criteria - Weighted for Training Function - E&T JCSG Range Subgroup

#4 4. The Cost and Manpower Implications		
Attributes (Doctrine)	Metrics	Questions
4-1 Current Operating Costs	4-1-1 Total Budget	4-1-1-a For your range/OPAREA provide your annual cost of operations, services and manpower for FY00 - FY03 in the table listed below. Dfn: Cost of operations is: _____ budget dollars/year; Cost of services is: _____ budget dollars/year.
4-2 Environment Costs	4-2-1 Environmental costs - compliance, management, and manpower	4-2-1-a On your Range/OPAREA what are the annual environmental compliance, management, and manpower budget averages for FY01-FY03?
	4-2-2 Environmental Fines	4-2-2-a On your Range/OPAREA what was the total direct cost of Environmental fines and/or notices of violation (NOV) averages for FY01-FY03?



Agenda 26 Mar 04

- 0830-0930 JCSG Range Subgroup
- 0930-0945 **Criteria 4 Mil Value**
- 0945-1000 Criteria 5
- 1000-1015 -- Break --
- 1015-1045 Criteria 7 Mil Value Questions
- 1045-1115 Question/Criteria Binning Summary
- 1115-1130 Joint Action Scenario Team (JAST)



Criterion 4

“The cost of operations and the manpower implications”

- Evaluation measures
 - BAH
 - Area Cost Factor
 - Milcon
 - Sustainment
 - Locality Pay



Criterion 4 General Comments

- Evaluation measures are representative of cost of ops:
 - Clearly identifiable as location dependent
 - Provide robust discriminators
 - Direct measure of cost of manpower
- Derived from authoritative accepted sources
- Observable, measurable, certifiable, & normalized
- No data call questions required



Criterion 4

BAH

- **Rationale:**
 - **Measures the military cost difference between locations**
 - **Data easily accessible**
- **Authoritative source:**
 - **Per Diem, Travel & Transportation Allowance Committee**



Criterion 4

Area Cost Factor

- **Rationale:**
 - **Measures the relative difference in costs of building and sustaining facilities at different locations**
 - **Data easily accessible**
- **Authoritative source:**
 - **DoD Facilities Pricing Guide**



Criterion 4

Locality Pay

- **Rationale:**
 - **Measures civilian manpower cost differences between locations**
 - **Data easily accessible**
- **Authoritative source:**
 - **OPM**



Criterion 4

QUESTIONS?



Agenda 26 Mar 04

- 0830-0930 JCSG Range Subgroup
- 0930-0945 Criteria 4 Mil Value
- 0945-1000 **Criteria 5**
- 1000-1015 -- Break --
- 1015-1045 Criteria 7 Mil Value Questions
- 1045-1115 Question/Criteria Binning Summary
- 1115-1130 Joint Action Scenario Team (JAST)



COBRA Data

24 March 2004



COBRA Data

- Purpose: Provide the Service's BRAC leadership with a COBRA data status report
- Agenda
 - Data call questions
 - Data from official sources (memos)
 - Open source data (MAJ Smith certifies)
 - JPAT approved analysis
 - OSD

Transforming Through Base Realignment and Closure



Installation Data

Data Elements

- Total authorized officers / enlisted / civilians / students
- Installation cost for surface freight
- Starting square footage of facilities
- Officers / enlisted / civilians involved in sustainment (sustainment payroll costs)
- Installation BOS expenditures
- Officers / enlisted / civilians involved in BOS (BOS payroll costs)
- Family housing budget
- Housing privatization schedule
- Officer / enlisted family units vacant

Transforming Through Base Realignment and Closure



OSD (P&R) Data

Data Elements

- Officer / enlisted accompanied
- Average officer / enlisted salary
- Median GS rate and step (median GS salary)
- Average time on station
- Average one-time PCS cost (officer / enlisted)
- Civilian
 - Turnover rate
 - Early / regular retirement rate
 - Retirement / RIF pay factor
 - Priority placement rate
 - PPP involving PCS
 - Average PCS cost

Transforming Through Base Realignment and Closure



SDDC Data

Data Elements

- Vehicle railcar ship costs
- Total household goods cost
- Equipment packing and crating
- Storage in transit cost
- Air transport cost

Transforming Through Base Realignment and Closure



Health Affairs Data

Data Elements

- Number of active duty inpatient admissions (MTF)
- Number of active duty outpatient visits (MTF)
- Number of active duty prescriptions
- Number of retiree inpatient admissions
- Number of active duty inpatient admissions (downtown)
- Number of active duty outpatient visits (downtown)
- Number of retiree outpatient visits
- Number of retiree prescriptions
- Number of retiree 65 & over inpatient admissions
- Number of retiree 65 & over outpatient visits
- Number of retiree 65 & over prescriptions

Transforming Through Base Realignment and Closure



Open Source Data

Certified by Army

- DoD Facilities Pricing Guide
 - MILCON contingency rate – 1.05
 - MILCON medical design rate – 1.13
 - MILCON other design rate – 1.09
 - MILCON SIOH rate – 1.06
 - Area cost Factor - area specific
- Joint Travel Regulation (JTR)
 - Home sale reimbursement rate – 10%
 - Maximum home sale reimbursement - \$50000
 - Home purchase reimbursement rate – 5%
 - Maximum home purchase reimbursement - \$50000
 - Civilian household good – 18000 lbs.
 - POV reimbursement – 0.20 \$/mile

Transforming Through Base Realignment and Closure



Open Source Data(cont.)



- Joint Forces Travel Regulation (JFTR)
 - Officer HHG accompanied – 15290 lbs.
 - Enlisted HHG accompanied – 9204 lbs.
 - Officer HHG unaccompanied – 13712 lbs.
 - Enlisted HHG unaccompanied – 6960 lbs.
- Officer / enlisted BAH – per diem committee
- Per diem rate – per diem committee
- Locality pay factor – OPM
- Department of Labor
 - Average unemployment cost – 261.4 \$/week
 - Unemployment eligibility – 16.31 weeks
- Home ownership rate – Census Bureau – 68.4 %
- USA Corps of Engineers
 - HAP home value rate
 - HPA receiving rate
- NPV discount rate – OMB – 2.85%

Transforming Through Base Realignment and Closure



JPAT Approved Analysis



Certified by Army

- Mothball costs (closing) – 0.17 \$/sq. ft.
- Mothball costs (deact) – 0.43 \$/sq. ft.
- Site preparation rate – 0.71 \$/sq. ft.
- Rehab vs. new MILCON (default) – 0.47
- Rehab vs. new MILCON (red) – 0.64
- Rehab vs. new MILCON (amber) – 0.29
- IT connect factor – 200 \$/person
- Unit cost adjustment (UCA) – Service specific

Transforming Through Base Realignment and Closure



OSD (ALT) Data



Data Elements

- Total installation sustainment requirement
- Installation plant replacement value (PRV)
- Service recap rate
- Service sustainment rate



MILDEP Data Call



Data Element	Army	Navy	Air Force
Number of Personnel Authorized	ASIP	Targeted Data Call	SAF/DPM
Cost and Utilization of Family Housing	Installation	Targeted Data Call	Installation
Surface Motor Freight Cost	Installation	Targeted Data Call	Installation
Square Footage of Existing Facilities	RPLANS	Targeted Data Call	Installation
Personnel Involved in Sustainment	Installation	Targeted Data Call	SAF/DPM
Base Operating Support	CEAC	Targeted Data Call	SAF/FMBO
Number of Personnel Authorized (tenants)	ASIP	Targeted Data Call	SAF/DPM
Housing Privatization Schedule	DASA (P&P)	Targeted Data Call	Installation



Data Summary



Data Source	Elements	Status	Certify By
OSD (P&R)	14	OSD Formating Memo	OSD (P&R)
SDDC	5	Memo complete	SDDC
Health Affairs	11	OSD Formating Memo	Health Affairs
Open Source	24	Waiting on HAP	Army
Approved Analysis	8	Service compute UCA based on BOS	Army
OSD	4	OSD collecting data	OSD

Transforming Through Base Realignment and Closure



COBRA Milestones



- Written products JPAT session Complete
- COBRA User's Manual 26 MAR
- COBRA User's Checklist 26 MAR
- COBRA Scenario Template 26 MAR
- Revised COBRA program 26 MAR
- COBRA testing 29 MAR – 2 APR
- Data Call APR
- COBRA training 20-27 MAY

Transforming Through Base Realignment and Closure



Questions?



Agenda 26 Mar 04

- 0830-0930 JCSG Range Subgroup
- 0930-0945 Criteria 4 Mil Value
- 0945-1000 Criteria 5
- 1000-1015 **-- Break --**
- 1015-1045 Criteria 7 Mil Value Questions
- 1045-1115 Question/Criteria Binning Summary
- 1115-1130 Joint Action Scenario Team (JAST)



Agenda 26 Mar 04

- 0830-0930 JCSG Range Subgroup
- 0930-0945 Criteria 4 Mil Value
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- 1015-1045 **Criteria 7 Mil Value Questions**
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Headquarters U.S. Air Force

Integrity - Service - Excellence



Criterion 7

26 Mar 04

U.S. AIR FORCE



Purpose

Provide recommendation on which (if any) Criterion 7 questions should roll up into Military Value

Criteria 7

The ability of both the existing and potential receiving communities' infrastructure to support forces, mission, and personnel



Attributes

- **POPULATION CENTER**
- **CHILD CARE**
- **COST OF LIVING**
- **EDUCATION**
- **EMPLOYMENT**
- **HOUSING**
- **MEDICAL/HEALTH**
- **SAFETY/CRIME**
- **TRANSPORTATION**
- **UTILITIES**



Objectives

- **Integrate Criterion 4 Cost Factors**
 - **Cost of Living**

- **Quality of Life as it affects retention**
 - **Education**
 - **Employment**



Population Center

- ❖ **What is the distance, in miles, to the nearest city that has a population greater than 100,000?**
 - Provides synergy with local disaster response forces (police, fire, EMT, etc)
 - Will have local airport to potentially burden share passenger and cargo movement
 - Will inherently identify potential encroachment issues
 - Provides potential surge capacity in local medical system
 - Provides potential surge capacity for child care until family care plans activate
 - Will likely have universities, tech schools, etc for intellectual capital
 - Will likely have greater capacity for housing
 - Will have greater school capacity



Child Care

How many fully licensed child care centers are available in the local community?

How many child care centers are accredited by the NAEYC or other recognized accrediting agency?



Cost of Living

What is the median household income in local community?

What is the median value of an owner-occupied housing unit in local community?

- ✓ **What is the locality pay rate for the GS pay schedule?**
- ✓ **What is the BAH rate for an O-3 with dependents?**



Cost of Living

Does your state charge military members the in-state tuition rate for higher education?

Does your state charge military family members the in-state tuition rate for higher education?

Does your state continue to charge the in-state tuition rate if the military member PCSs out of the state?

Does your state continue to charge the in-state tuition rate for military family members if the member PCSs out of the state?



Education

- ✓ What is the pupil/teacher ratio in the local school districts?
- ✓ What is the average SAT score in the local school districts?
- ✓ What is the average ACT score in the local school districts?
- ✓ What is the high school graduation rate in the local school districts?
- ✓ What percent of high school classroom teachers are certified in their subject/core area in the local school districts?

What is the current student capacity of the existing local school facilities (buildings/classrooms—do not include potential portable classrooms)?

What percent of that capacity is currently being utilized?



Education

How many vocational/technical schools are available in the local community?

How many undergraduate colleges/universities are available in the local community?

How many colleges/universities with graduate programs (Masters and/or PhD level) are available in the local community?



Employment

- ✓ **What is the average number of persons unemployed as a percent of the civilian labor force, for 1999-2003?**
- ✓ **What is the percentage change in job growth from 1999-2003?**



Housing

How many total vacant housing units are available in the local community?

How many vacant housing units are available for rent?

How many vacant housing units are available for sale?



Medical

What is the total number of providers/100,000 population?

What is the total number of beds/100,000 population?

How many providers accept TRICARE?



Safety/Crime

What is your overall crime index?



Transportation

What is the distance, in miles, to the nearest commercial airport that offers regularly-scheduled service by a major and/or regional airline carrier?

Is the base served by regularly-scheduled public transportation?



Utilities

What is the capacity of the local community's current water system (in million gallons per day)?

At what percent of capacity is the water system currently operating?

What size population does your current water system serve?

What is the capacity of the local community's sewage system? (in million gallons per day)

At what percentage level is the sewage system currently operating?

What size population does the sewage system serve?



Mil Val Candidate Questions

- How many licensed child care centers are available in local community?
- How many of these child care centers are accredited by the NAEYC or other recognized accrediting source?
- How many vocational/technical schools are available in local community?
- How many undergraduate colleges/universities are available in local community?
- How many graduate colleges/universities are available in local community?
- How many total vacant housing units are available in local community?
- What is the total number of providers/ 100,000 population?
- What is the total number of beds/100,000 population?
- What is the distance in miles to the nearest commercial airport that offers regularly-scheduled service by a major/regional airline carrier?



QUESTIONS?



Agenda 26 Mar 04

0830-0930 JCSG Range Subgroup

0930-0945 Criteria 4 Mil Value

0945-1000 Criteria 5

1000-1015 -- Break --

1015-1045 Criteria 7 Mil Value Questions

1045-1115 **Question/Criteria Binning Summary**

1115-1130 Joint Action Scenario Team (JAST)

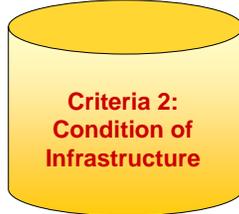


Binning Questions

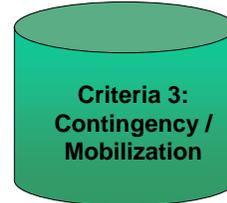
Criteria 1-3



The current and future mission capabilities and the impact on operational readiness of the Department of Defense's total force, including impacts on joint warfighting, training, and readiness.



The availability and condition of land, facilities and associated airspace (including training areas suitable for maneuver by ground, naval, or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations.



The ability to accommodate contingency, mobilization, and future total force requirements at both existing and potential receiving locations to support operations and training.

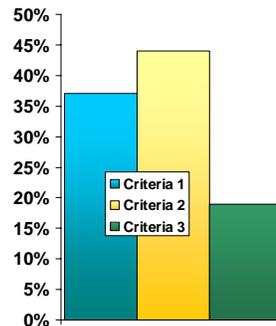


Question to Criteria Mapping

Summary

- Criteria 1: 30 questions (37%)
- Criteria 2: 36 questions (44%)
- Criteria 3: 15 questions (19%)

% of Questions



Initial binning as of 22 Mar -- 81 questions, Criteria 1-3



Question to Criteria Mapping

Notional Binning Themes

Criteria 1 - Current / Future Mission

- Ranges
- Airspace
- Airdrop, drop zones
- Munitions storage
- Aux field runways
- Spectrum
- Space launch azimuth
- Weather

Criteria 2 - Condition of Infrastructure

- Hangars; ramp space; runways, alert facilities
- Jet fuel, hydrant refueling, POL
- Hazardous chemicals; space launch propellant storage
- Powerplant capability
- Communications bandwidth
- Instrumentation capability (Telemetry)
- Noise abatement
- Environmental constraints
- Temporal, physical (range) restrictions
- Rail, port service
- ARC proximity to active units

Criteria 3 - Contingency / Mobilization

- MOG parking; Widebody Acft loading
- ARC accessions, manning, recruiting; demographics
- Buildable acres
- Non-attainment



Question to Criteria Mapping

Notional Binning Themes

Criteria 1 - Current / Future Mission

- Ranges
- Airspace
- Airdrop, drop zones
- Munitions storage
- Aux field runways
- Spectrum
- Space launch azimuth
- Weather



Ranges and Airspace

Criteria 1 or 2? "...airspace (including training areas..." included in Selection Criteria 2



Question to Criteria Mapping

Notional Binning Themes

Criteria 1 - Current / Future Mission

- Ranges
- Airspace
- Airdrop, drop zones
- Munitions storage
- Aux field runways
- Spectrum
- Space launch azimuth
- Weather



Munitions Storage

Stand alone bin or include in Infrastructure? – Crit 2



Question to Criteria Mapping

Notional Binning Themes

Criteria 1 - Current / Future Mission

- Ranges
- Airspace
- Airdrop, drop zones
- Munitions storage
- Aux field runways
- Spectrum
- Space launch azimuth
- Weather



Geographic Location

**Proximity to something = Geographical = Crit 1 ?
Something = Infrastructure = Crit 2 ?**



Question to Criteria Mapping

Notional Binning Themes

Criteria 1 - Current / Future Mission

- Ranges
- Airspace
- Airdrop, drop zones
- Munitions storage
- Aux field runways
- **Spectrum**
- Space launch azimuth
- Weather



Spectrum

Is spectrum part of non-physical infrastructure, like airspace ?



Question to Criteria Mapping

Notional Binning Themes

Criteria 2 - Condition of Infrastructure

- Hangars; ramp space; runways, alert facilities
- Jet fuel, hydrant refueling, POL
- Hazardous chemical, space launch equipment storage
- Powerplant capability
- **Communications bandwidth**
- **Instrumentation capability (Telemetry)**
- Noise abatement
- Environmental constraints
- Temporal, physical (range) restrictions
- Rail port service
- ARC proximity to active units



Bandwidth Capacity

Combine with "spectrum" from Criteria 1 ?



Question to Criteria Mapping

Notional Binning Themes

Runway, Ramp, and Hangars

Criteria 2 - Condition of Infrastructure

- Hangars; ramp space; runways, alert facilities
- Jet fuel, hydrant refueling, POL
- Hazardous chemicals; space launch propellant storage
- Powerplant capability
- Communications bandwidth
- Instrumentation capability (Telemetry)
- Noise abatement
- Environmental constraints
- Temporal, physical (range) restrictions
- Rail, port service
- ARC proximity to active units



Question to Criteria Mapping

Notional Binning Themes

Bulk Logistics/Utilities

Criteria 2 - Condition of Infrastructure

- Hangars; ramp space; runways, alert facilities
- Jet fuel, hydrant refueling, POL
- Hazardous chemicals; space launch propellant storage
- Powerplant capability
- Communications bandwidth
- Instrumentation capability (Telemetry)
- Noise abatement
- Environmental constraints
- Temporal, physical (range) restrictions
- Rail, port service
- ARC proximity to active units



Question to Criteria Mapping

Notional Binning Themes

Environmental/Other Restrictions

Criteria 2 - Condition of Infrastructure

- Hangars; ramp space; runways, alert facilities
- Jet fuel, hydrant refueling, POL
- Hazardous chemicals; space launch propellant storage
- Powerplant capability
- Communications bandwidth
- Instrumentation capability (Telemetry)
- Noise abatement
- Environmental constraints
- Temporal, physical (range) restrictions
- Rail, port service
- ARC proximity to active units

Are Range restrictions under Criteria 1 ?



Question to Criteria Mapping

Notional Binning Themes

Air Reserve Component (ARC)

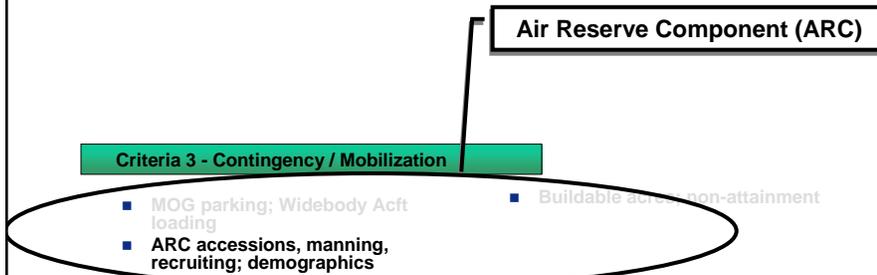
Criteria 2 - Condition of Infrastructure

- Hangars; ramp space; runways, alert facilities
- Jet fuel, hydrant refueling, POL
- Hazardous chemicals; space launch propellant storage
- Powerplant capability
- Communications bandwidth
- Instrumentation capability (Telemetry)
- Noise abatement
- Environmental constraints
- Temporal, physical (range) restrictions
- Rail, port service
- ARC proximity to active units

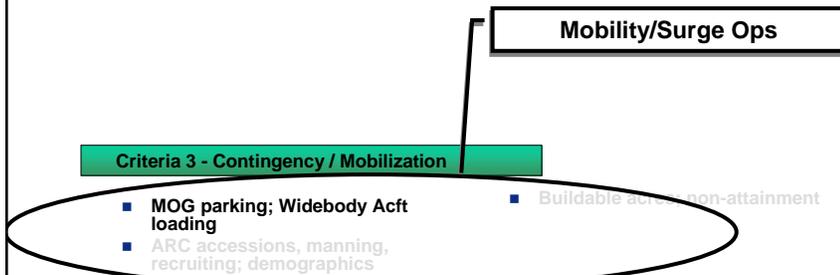
**Proximity to active duty = Geographical = Crit 1 ?
Combine with ARC demographics (next slide)**



Question to Criteria Mapping Notional Binning Themes



Question to Criteria Mapping Notional Binning Themes

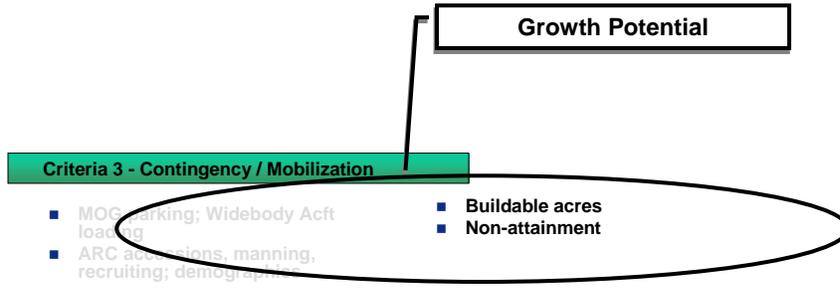




Question to Criteria Mapping

Notional Binning Themes

Should Non-attainment move to Criteria 1 ?



Question to Criteria Mapping

Notional Binning Themes

Criteria 1 - Current / Future Mission

- Ranges
- Airspace
- Airdrop, drop zones
- Munitions storage
- Aux field runways
- Spectrum
- Space launch azimuth
- Weather

Criteria 2 - Condition of Infrastructure

- Hangars; ramp space; runways, alert facilities
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- Rail, port service
- ARC proximity to active units

Criteria 3 - Contingency / Mobilization

- MOG parking; Widebody Acft loading
- ARC accessions, manning, recruiting; demographics
- Buildable acres
- Non-attainment



April BCEG Schedule

April BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
					0830-1030 5C279	
4	5			8	9	10
11	12			15	16	17
	0830-1700 5C279				0830-1630 5C279	
18	19			22	23	24
25	26	27	28	29	30	31
		MAJCOM Capacity Presentations				

Integrity - Service - Excellence



Agenda 26 Mar 04

- 0830-0930 JCSG Range Subgroup
- 0930-0945 Criteria 4 Mil Value
- 0945-1000 Criteria 5
- 1000-1015 -- Break --
- 1015-1045 Criteria 7 Mil Value Questions
- 1045-1115 Question/Criteria Binning Summary
- 1115-1130 **Joint Action Scenario Team (JAST)**

Integrity - Service - Excellence

Headquarters U.S. Air Force

Integrity - Service - Excellence

Joint Action Scenario Team (JAST)



Overview

26 Mar 04

U.S. AIR FORCE

SAF/IEBB



JAST Agenda

- **Mission**
- **Responsibilities**
- **Organization**
- **Methodology**
- **Actions**



JAST Mission

Mission: The JAST is a joint team to facilitate and manage DoD Joint Basing scenarios.*

** Focus is on scenarios involving operational forces.
(Scenarios outside the purview of the JSCG.)*



JAST Nots

JAST “Nots”

- Not working JCSG issues
- Not conducting MV analysis (MILDEP responsibility)
- Not creating “Purple” Bases but the spectrum, just shy of...



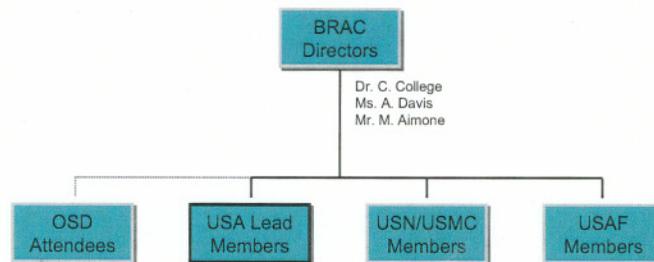


JAST Responsibilities

- Establish a process for Joint Basing analysis
- DoD's single point of contact for operational Joint Basing
- Coordinate and monitor progress, facilitate information flow
- Coordinate feasible Joint Basing scenarios

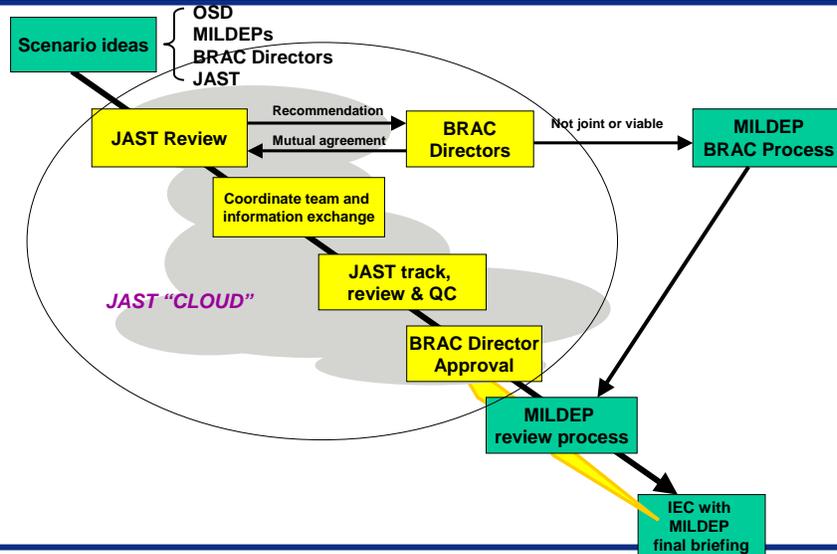


JAST Organizational Structure





JAST Big Picture



JAST Process Methodology

1. MILDEPs select key operational requirements—initial screen
2. Pass requirements to sister services
3. Sister services identify potential installations
4. Potential installations answer full set of MVA questions
5. Each MILDEP conducts analysis of ALL installations
6. MILDEPs work possible solutions with sister Services



Methodology Walk Through

1. MILDEPs select key operational requirements—initial screen

Example: Receiving an AF Flying Squadron

- Question: Adequate Runway?—DoD #9
- Question: Adequate Ramp Space?—DoD #8
- Question: Adequate Taxiways?—DoD #49
- Question: Adequate Hangar Space?—DoD #19
- Question: Adequate Range Space?—DoD #160
- Question: Adequate Buildable Acres?—DoD # 198, 11, 30

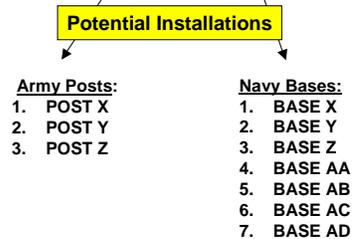


Methodology (Cont'd)

2. Pass requirements to sister services



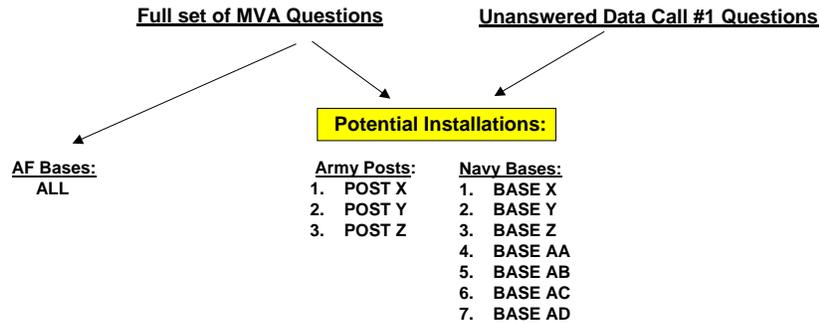
3. MILDEPs identify potential installations





Methodology (Cont'd)

4. Potential installations answer full set of MVA questions



5. Each MILDEP conducts MVA and assesses ALL installations in its own way



Methodology (Cont'd)

5.A. MILDEP SPECIFIC: Post-Data Call #2, each MILDEP conducts MVA and arrays installations

- Army—1-n list for all installations—"Go Joint First"
- Navy—Function based
- Air Force—Function based (within each filter)

6. MILDEPs work possible solutions/scenarios with sister Services



JAST Actions

- | | |
|--|-----------|
| <input checked="" type="checkbox"/> Kickoff Meeting | 15 Dec 03 |
| <input checked="" type="checkbox"/> MILDEP DASs approve JAST Charter | 11 Feb 04 |
| <input checked="" type="checkbox"/> JAST Charter signed | 20 Feb 04 |
| <input checked="" type="checkbox"/> MILDEP DASs approve MVA concept | 25 Feb 04 |
| <input type="checkbox"/> Selection Screening Criteria | 02 Apr 04 |
| <input type="checkbox"/> Initial Screen | 09 Apr 04 |
| <input type="checkbox"/> Select and Clarify Questions from DC #1 | 09 Apr 04 |
| <input type="checkbox"/> MVA Questions for DC #2 | 09 Apr 04 |
| <input type="checkbox"/> Draft scenario process | 15 Apr 04 |
| <input type="checkbox"/> Finalize and document process | 20 May 05 |



Agenda 29 Mar 04

- | | | |
|-----------|------------------------------|----------------|
| 0830-0900 | Space Team Question Review | Functional Rep |
| 0900-1000 | CAF/MAF Team Question Review | |
| 1000-1030 | -- Break -- | |
| 1030-1100 | Criteria 8 Presentation | |
| 1100-1130 | Homeland Defense | |



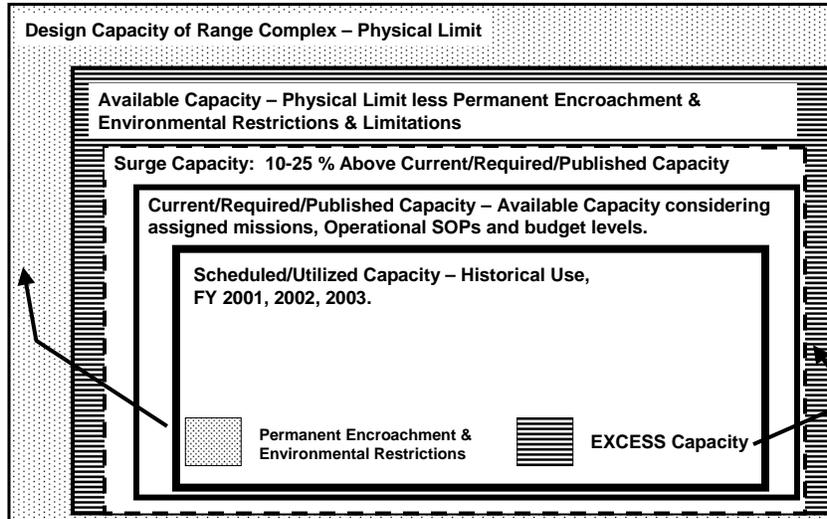
Questions?



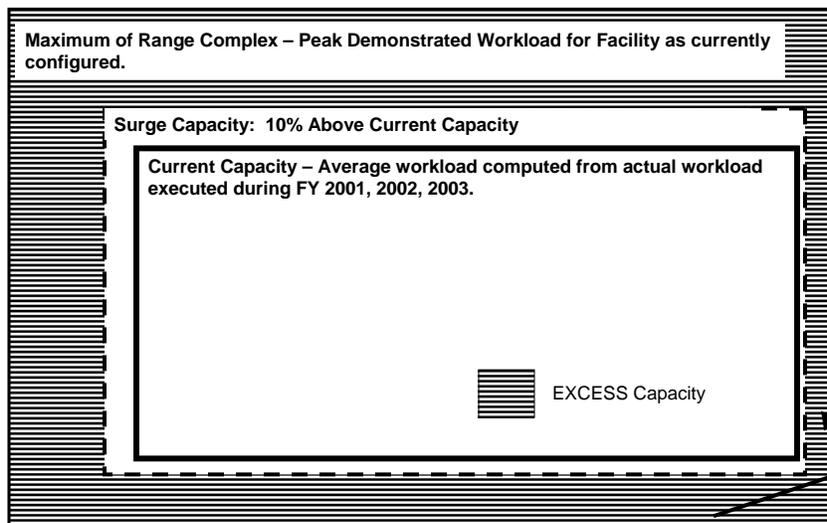
Range Back Up Slides



Capacity Analysis Methodology Training Function



Capacity Analysis Methodology T&E Function





Mil Value Assessed Functions

- Test & Evaluation (T & E)
 - Functions
 - Armaments/munitions
 - Resource Categories
 - Acquisition Support
 - Digital Modeling and Simulation Facility
 - Hardware in the Loop
 - Integration Laboratory
 - Installed System Test Facility
 - Measurement Facility
 - Open Air Range

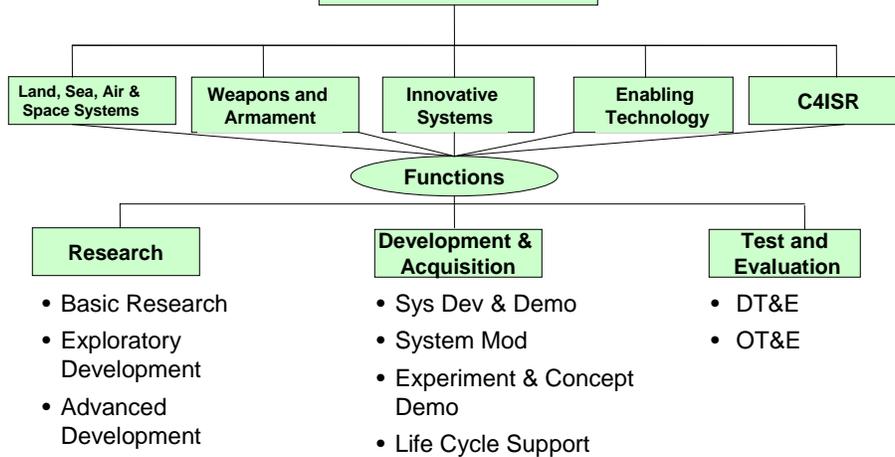


Technical JCSG

Chair: Dr. Ron Sega

RDTE Technical

Army Rep: Dr. J. Foulkes





Criteria 7 Backup



General Amplifying Comments

- All answers for Criterion 7 are for those facilities in the local community. Facilities on a military installation will not be considered in responses.
- The term “military installation” means a base, camp, post, station, yard, center, homeport facility for any ship, or other activity under the jurisdiction of the DoD, including any leased facility.
- The term “military community” is an inclusive term that includes both uniformed and DoD civilian members of the military.
- In areas containing several military installations (San Antonio, Colorado Springs, etc.) installation commanders are encouraged to coordinate responses among fellow installation commanders where appropriate.



General Amplifying Comments

- “Local Community” is defined as the Metropolitan Statistical Area (MSA) that surrounds the military installation.
- A Military Housing Area (MHA) is generally a collection of zip codes surrounding a military installation
 - within a distance of about 20 miles or
 - 1 hour commute during rush hour
- Within the MHA –
 - Commanders & Military Housing Offices
 - Direct data collection away from areas that are unsuitable
 - Submit suitable properties that are appropriate for members



General Amplifying Comments

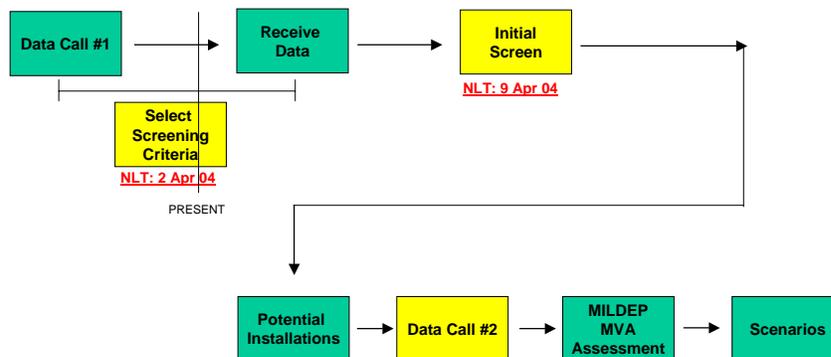
- If an installation is not contained within an MSA, then the counties contained in the Military Housing Area (MHA) are used unless otherwise specified.
- MHA Counties can be obtained from the Installation Housing Office.
- Data from each county/district (if more than one) will be totaled and averaged to produce one numerical answer.
- If respondent finds inaccuracies in recommended data sources then enter correct information ensuring to note source of information entered.



JUST BACKUP SLIDE



JUST Flow Chart

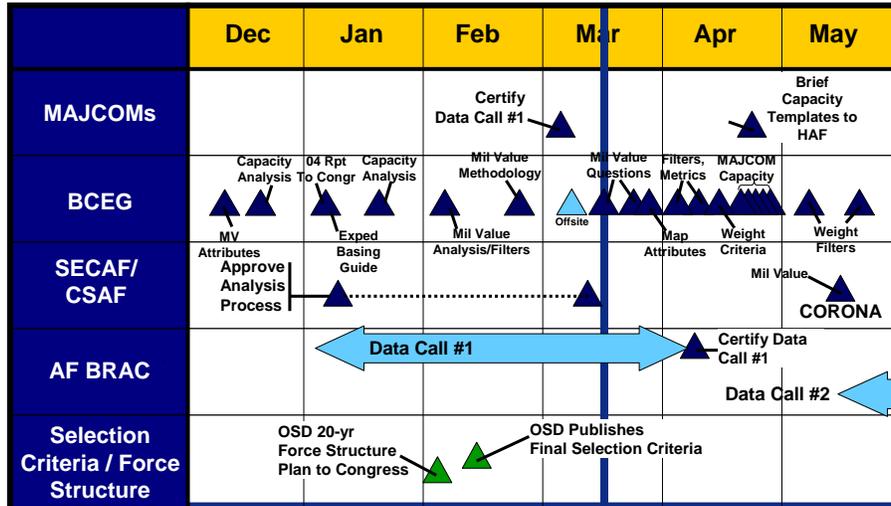




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NOT RELEASABLE UNDER FOIA

Proposed BCEG 6-month Timeline

▲ AF BRAC Deliberative Sessions ▲ Strategic Milestones ▲ AF Process Milestones



Integrity - Service - Excellence

11.



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Question to Criteria Mapping Draft Binning Themes

- **Criteria 1 - Current / Future Mission**
 - Ranges; airspace airdrop; drop zones
 - Munitions storage; aux field runways
 - Spectrum; space launch azimuth; weather
- **Criteria 2 - Condition of Infrastructure**
 - Jet fuel; hydrant refueling; POL; hazardous chemicals; space launch propellant
 - Powerplant capability; comm bandwidth; instrumentation capability
 - Hangars; ramp space; runways; alert facilities
 - Noise abatement; environmental, temporal, physical (range) restrictions
 - Rail, port service
 - ARC proximity to active units
- **Criteria 3 - Contingency / Mobilization**
 - MOG parking; Widebody Acft loading
 - ARC accessions, manning, recruiting; demographics
 - Buildable acres; non-attainment

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112



MILITARY VALUE QUESTIONNAIRE DEVELOPMENT

Objective: Build questions to determine military value of bases and their ability to satisfy future AF force structure

FOCUS AREAS

ISR XPPPI XOR* SAF/AQI	CAF XPPC XOR* SAF/AQP	MAF/SOF XPPM XOR* SAF/AQQ	SPACE XPPS XOR* SAF/USA	Homeland Defense / ARC XOR* XPPM/C
<i>*Space and C4ISR CONOPS Champ</i>	<i>*Global Response/Strike CONOPS Champ</i>	<i>*Global Mobility CONOPS Champs</i>	<i>*Space and C4ISR CONOPS Champ</i>	<i>*Homeland Security CONOPS Champ</i>



- **0800-0830: Intro: "Question Triage Brief," 30 min. POC: Tim and Herb (I can help build it for you if you are busy writing questions)**
- **0830-1200: Step 1:** Review/approve questions POC: Tim/Herb
- 1200-1300: Lunch w/ a discussion about "binning" the approved questions
- 1300-1430: **Step 2:** Binning the questions into new attribute bins
- 1430-1600: **Step 3:** Map new attribute bins to criteria
- 1600-1630: Preview of **Step 4:** Short brief on "How filters Work" POC: Milam



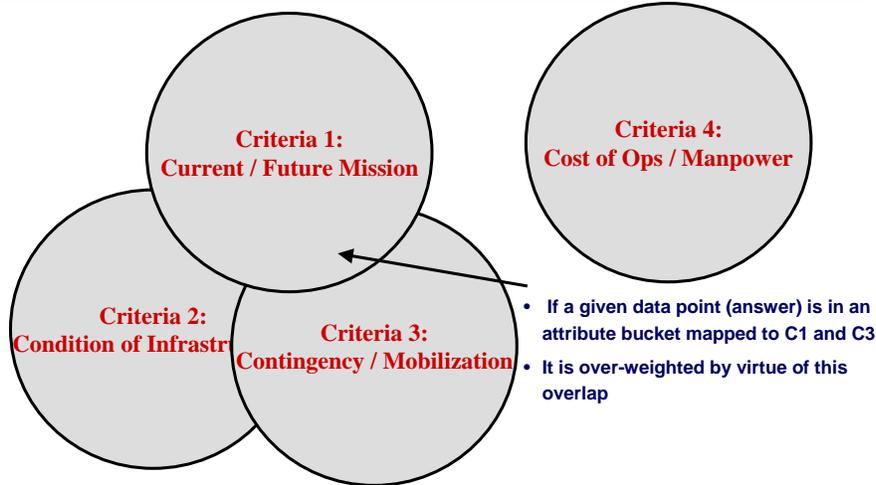
Question Triage

Goal

- Identify comprehensive list of necessary MV questions
- Identify:
 - Which questions have already been asked in Data Call #1?
 - Which are new?
- Review question to see:
 - If there is a need for the question (what Military Value?)
 - Is it easily understood?
 - Is it measurable?
 - Is the question a discriminator?
 - If it identifies a shortfall, can it be bought for small cost?



Overlapping Criteria



Munitions Bad Question

Tracking #: C7

Short Question Name: Munitions Response Areas

Question: Are there munitions response areas located on the military installation or auxiliary airfield?

Source for the Answer:

OPR:

Question Breakdown (for BCEG use)			
<input type="checkbox"/>	What's MV?	<input type="checkbox"/>	Easily Understood?
<input type="checkbox"/>	Measurable?	<input type="checkbox"/>	Discriminates?



Military Value Questionnaire Development

Objective: Build questions to determine military value of bases and their ability to satisfy future AF force structure

FOCUS AREAS

ISR XPPi XOR* SAF/AQI <i>*Space and C4ISR CONOPS Champ</i>	CAF XPPC XOR* SAF/AQP <i>*Global Response/Strike CONOPS Champ</i>	MAF/SOF XPPM XOR* SAF/AQQ <i>*Global Mobility CONOPS Champs</i>	SPACE XPPS XOR* SAF/USA <i>*Space and C4ISR CONOPS Champ</i>	Homeland Defense / ARC XOR* XPPM/C <i>*Homeland Security CONOPS Champ</i>
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Frequency Spectrum

Tracking #: 2.2A

Short Question Name: Frequency Spectrum Limitations

Question: Do you have any operational limitations with use of or access to any of the following frequency bands?:

- HF, VHF, UHF, L-BAND, S-BAND, C-BAND, X-BAND, Ku-BAND, K-BAND, Ka-BAND

- Yes/No Table of all Frequency Ban

Source for the Answer: Installation Frequency Management Plan

OPR: AF/XO

Question Breakdown
(for BCEG use)

- | | |
|--------------------------------------|---|
| <input type="checkbox"/> What's MV? | <input type="checkbox"/> Easily Understood? |
| <input type="checkbox"/> Measurable? | <input type="checkbox"/> Discriminates? |