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**DEPARTMENT OF THE AIR FORCE**  
 WASHINGTON, DC 20330-1000



OFFICE OF THE ASSISTANT SECRETARY

SEP 14 2004

## MEMORANDUM FOR RECORD

SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Mtg, 19 Aug 2004.

Maj Gen Heckman called the meeting to order at 0830, the Pentagon, Room 5C279. The meeting was deliberative regarding metrics. Attendance is at Atch 1. He previewed the agenda and reviewed the calendar (Slides 2-4). He noted that the ISG's initiative to coordinate OSD "imperatives" for IEC approval is no longer in play, as most of the candidate "imperatives" were not truly *imperative*. The former "imperatives" are now characterized as "considerations" which we expect to be forwarded to JCSGs and Services as guidelines. briefed BCEG Action Items (Slide 5). Maj Gen Heckman reviewed *AF Imperatives and Principles* (Slides 6-7) which continue in play for AF BRAC actions.

introduced questions by MCI to start the deliberative session on MCI question re-attacks. Subject matter experts addressed individual questions for deliberation by the BCEG with the following results:

## Criterion 1 Continued

- Restricted Airspace (UAV Flight Ops) (Slides 11-12) question deleted due to it being double-counted within the special use airspace question
- Distance to Airspace Tracking # 1245 (Slide 13-16) approved
- Distance to DZ/LZ (Slides 17-18) Tracking # 1248 approved
- Prevailing Installation Weather (Slides 19-20) approved
- Installation Crosswinds (Slides 21-22) approved
- Distance to City >100,000 (Slides 23-24) tracking # 1412 deferred
- Distance to Logistics Hubs (Slide 25) tracking # 594 deferred due to being a subset of the training range question

## Criterion 2 Continued

- Ramp Area/Serviceability (Slides 27-28) deferred
- Runway Dimensions (Slides 29-30) approved
- Level of Encroachment (Slide 31) deferred
- A/C Live Load parking Spots (Slides 32-36) approved
- Munitions Storage (Slides 37-38) deferred
- Pavement Suitability (Slides 39-41) deferred
- Range Complex Supports Msn Training (Slides 42-44) deferred
- Range – Joint Training (Slides 45-46) question deleted due to being a subset of the training range question

Criterion 3 Continued

- Large Scale Deployments (Slides 48-49) SOF/CSAR question flagged for linear metric and returned to co-chairs

provided an overview for information of the pending MAJCOM Capacity analysis briefings (Slides 51- 94).

The next BCEG meeting is scheduled for 23 Aug 2004 at 0830 in Pentagon Room 5C279. Future BCEG meetings will adjourn at 1300 as required. The meeting adjourned at 1200.

The minutes above are approved.



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



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

Attachments  
As Stated

Base Closure Executive Group Attendance

Date: 19 Aug 04

Chairs

- Mr. Fred Pease
- Maj Gen Gary Heckman

\*\*Voting members are underlined

Primary Members

Alternate Members

Representatives

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

\* Temporary appointment

Others

- \_\_\_\_\_
- \_\_\_\_\_
- Mr. Kuss Hayes
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Briefers/SMEs

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

# Headquarters U.S. Air Force

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## BCEG



19 Aug 04

U.S. AIR FORCE



## Agenda 19 Aug 04

0830-0845	<b>Opening Business</b>	Co-chairs
	<i>Calendar</i>	
	<i>Action Items</i>	
0845-1000	<b>MCI Metrics Re-attacks</b>	SMEs
	<b>-- Break --</b>	
1015-1130	<b>ACI Metrics Re-attacks</b>	SMEs
1145-1215	<b>MAJCOM Prep</b>	
1215-1300	<b>MCI Deliberation (weights and flags)</b>	





## BCEG Action Items

<u>Action</u>	<u>OPR</u>	<u>Susp.</u>	<u>To</u>
JCSG capacity II	IEB	2 Aug (ECD: 26 Aug )	OSD
Recommendation on Criteria 6-8	BCWG	10 Aug (ECD: 24 Aug )	BCEG
AF and JCSG MV	IEB	16 Aug (ECD: 1 Sep )	OSD
ACI Staff Coordination Complete	RE	19 Aug	BCEG
MCI complete	BCWG	19 Aug	BCEG
JAST	IEB	1 Sep	OSD
JCSG MV (tech. and intel)	IEB	13 Sep	OSD

Purple: data calls



## Imperatives (6) Checklist / Modeled

1. Unimpeded access to space (in orbits of all inclinations)
2. Two air mobility bases and one wide-body capable base on each coast to ensure mobility flow without adverse weather, capacity, or airfield incapacitation impacts
3. Sufficient OCONUS mobility bases along deployment routes to potential crisis areas to afford deployment of mobility aircraft
4. START land-based strategic deterrent
5. Maintain capability within the NCR to support the POTUS, Special Airlift Missions, foreign dignitary visits, and ensure Air Force Continuity of Operations
6. Basing to fulfill the air sovereignty protection site and response criteria stipulated by COMNORTHCOM and COMPACOM



## Principles (10) Checklist / Modeled / JCSG

1. **Ensure joint basing realignment actions increase military value of a function, or decrease the cost for the same military value of that function, when compared to the status quo Surge capacity to support deployments, evacuations, and repairs**
2. Retain the capacity to absorb overseas forces within the United States and its territories
3. Optimize squadron size (e.g., like MDS's) / crew ratios
4. **Tanker basing that optimizes proximity to mission**
5. Maintain/place ARC units to meet the requirements of the Air Force by choosing locations that meet the demographic and mission requirements unique to the ARC. **(by ACI)**
6. Squadrons will be located within operationally efficient proximity to our DoD-scheduled airspace, ranges, MOAs, and low-level routes **(by MCI)**
7. **Long-range strike bases sited to service Pacific and Atlantic equally and provide strategic force protection**
8. **Keep two geographically separate munitions locations for 10 AEFs**
9. Surge capacity to support deployments, evacuations, and repairs
10. **Consolidate legacy fleet**



## Agenda 19 Aug 04

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	<b>-- Break --</b>	
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## Purpose Metrics Re-attacks

Run	Question Subject	OPR/OCR
1244	Restricted Airspace	XO
1245	Distance to Airspace	XO
1248	Distance to DZ/LZ	XO
1271	Prevailing Installation WX	XO
1272	Crosswinds	XO
1412	Dist to City 100K	XO
594	Distance to Logistics Hubs (new)	XO
8	Ramps	IL/XO
9	Runway	XO/IL
1207	Encroachment (expect Tuesday, 24 Aug)	IL
1232	Live load spots	XO/IL
1233	Munitions	IL
1235	Pavements (expect Tuesday, 24 Aug)	IL
1266	Ranges (attributes of)	XO
1650	Joint ranges	XO
1241	Deployment (C-17 MOG)	XO



## CRITERION 1 QUESTIONS



# Restricted Airspace (UAV Flight Ops)

OPR: XO Status: **Deliberative**

Tracking: #1244

Metric Type: Linear

Metric Value: Proximity to Restricted Airspace

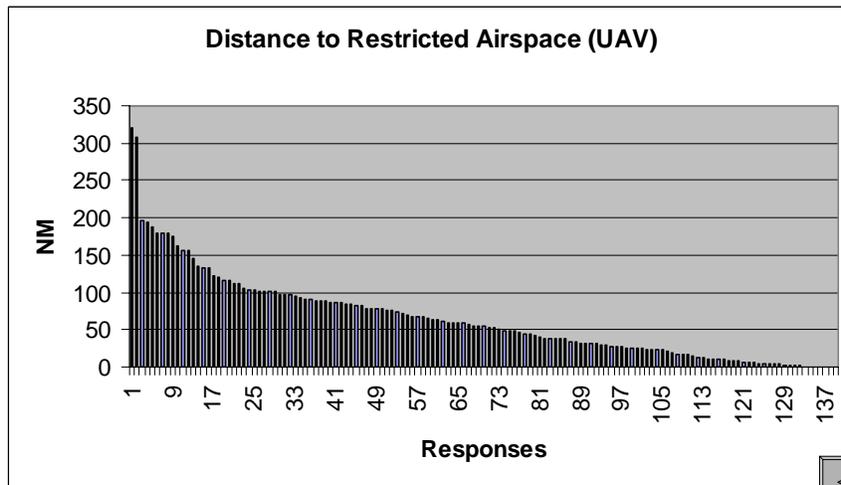
**BCWVG Recommends:  
DELETE IN FAVOR OF 1245**

NM	Score
≤ 5	100
Linear	
≥ 250	0

Fighter     Tanker     Airlift     UAV/UCAS    Conforms?   
 Bomber     C2ISR     SOF/CSAR     Space    Discriminates?



# Restricted Airspace UAV Flight Ops





# Distance to Airspace Supporting (Msn Type) Ops

OPR: **XO** Status: **Deliberative**

Tracking: #1245

Metric Type: Linear

Metric Value: Distance to Special Use Airspace

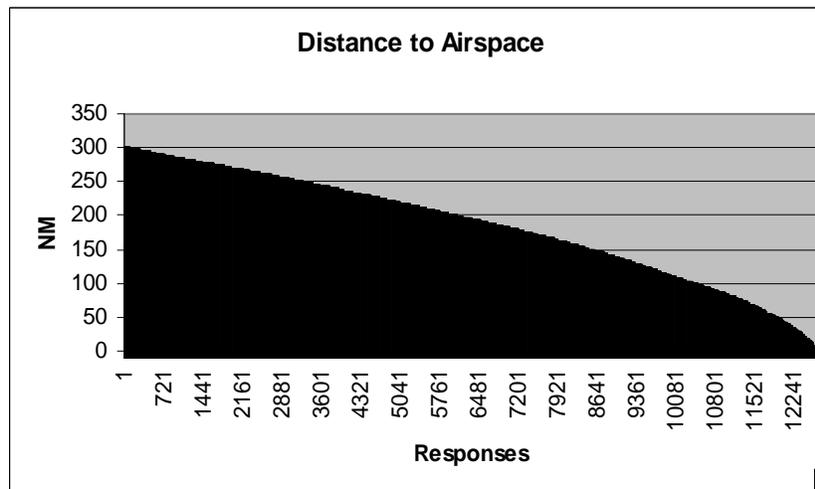
FIGHTER		BOMBER		SOF/CSAR		UAV/UCAS	
NM	Score	NM	Score	NM	Score	NM	Score
≤ 50	100	≤ 200	100	≤ 5	100	≤ 5	100
Linear		Linear		Linear		Linear	
≥ 150	0	≥ 300	0	≥ 35	0	≥ 250	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?



# Distance to Airspace Supporting (Msn Type) Ops





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## Distance to Airspace Supporting (Msn Type) Ops (2 of 2)

OPR: XO Status: **Deliberative**

Tracking: #1245.1

Metric Type: Linear

Metric Value: Distance to aerial refueling orbit

Tanker / C2ISR	
NM	Score
< 250	100
Linear	
≥ 850	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
Conforms?   
 Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
Discriminates?

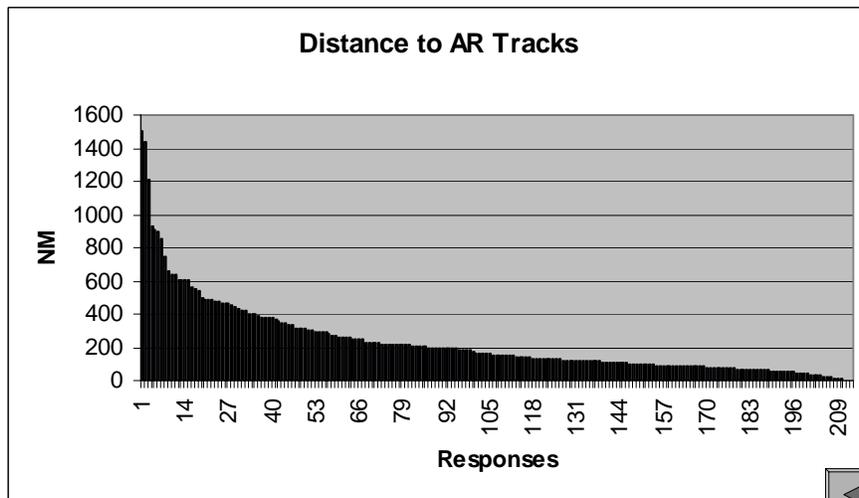
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## Distance to AR Track for (Msn Type) Ops



#1245

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## Distance to DZ/LZ for (Msn Type) Ops

OPR: **XO** Status: **Deliberative**

Tracking: #1248

Metric Type: Linear

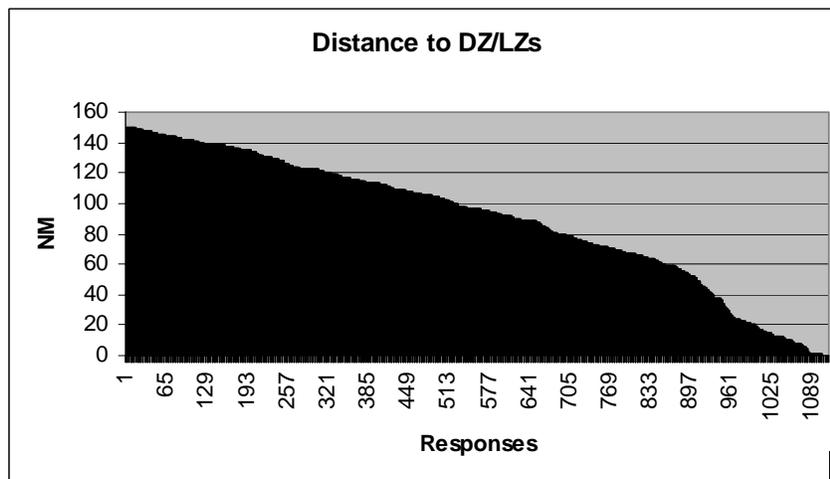
Metric Values: Distance to drop/landing zones available to suit  
(mission type) operations w/in 150NM

Airlift		SOF/CSAR	
NM	Score	NM	Score
< 50	100	≤ 5	100
Linear		Linear	
≥ 150	0	≥ 35	0

Fighter    Tanker    Airlift    UAV/UCAS    Conforms?  
 Bomber    C2ISR    SOF/CSAR    Space    Discriminates?



## Distance to DZ/LZ for (Msn Type) Ops





# Prevailing Installation WX

OPR: **XO** Status: **Deliberative**

Tracking: #1271

Metric Type: Linear

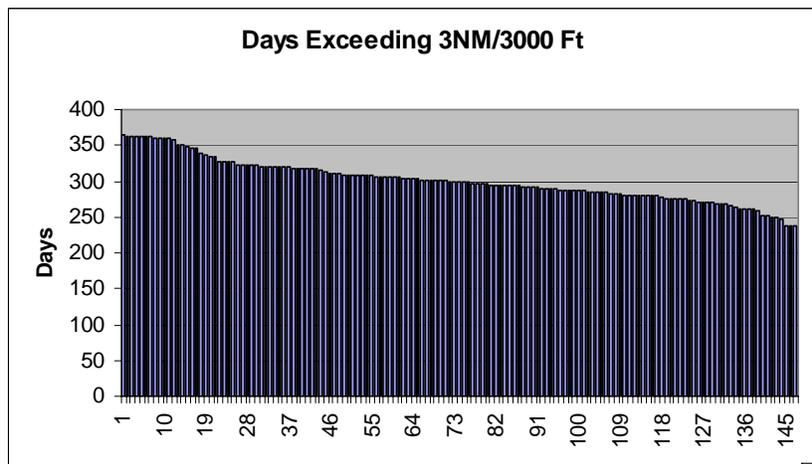
Metric Value: Days Visibility Greater than 3NM/3,000ft

FIGHTER		SOF/CSAR		UAV/UCAS		BMBR / ALFT	
Days	Score	Days	Score	Days	Score	Days	Score
≥ 300	100	≥ 300	100	≥ 300	100	≥ 250	100
Linear		Linear		Linear		Linear	
< 250	0	< 250	0	< 250	0	< 125	0

Fighter     Tanker     Airlift     UAV/UCAS    Conforms?   
 Bomber     C2ISR     SOF/CSAR     Space    Discriminates?



# Prevailing Installation WX





# Installation Crosswinds

OPR: XO Status: **Deliberative**

Tracking: #1272

Metric Type: Linear

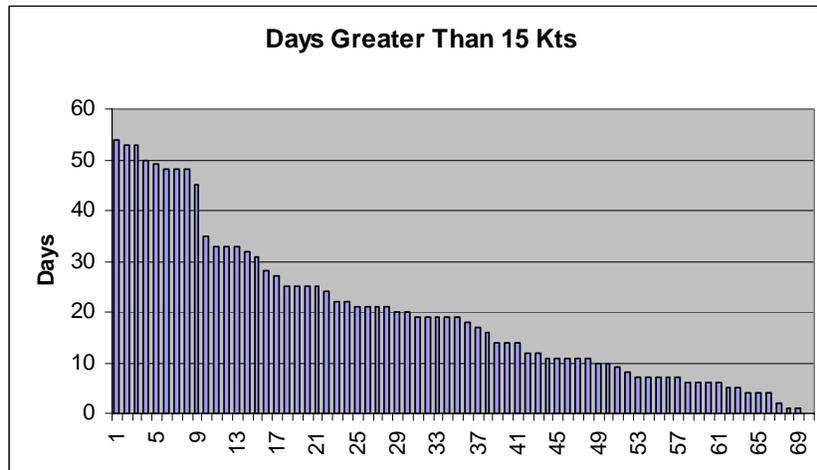
Metric Value: Days per year with crosswinds greater than 15 Kts

Days	Score
< 24	100
Linear	
>= 72	0

Fighter    Tanker    Airlift    UAV/UCAS   Conforms?   
 Bomber    C2ISR    SOF/CSAR    Space   Discriminates?



# Installation Crosswinds





# Distance to City >100K

OPR: XO Status: **Deliberative**

Tracking: #1412

Metric Type: Linear

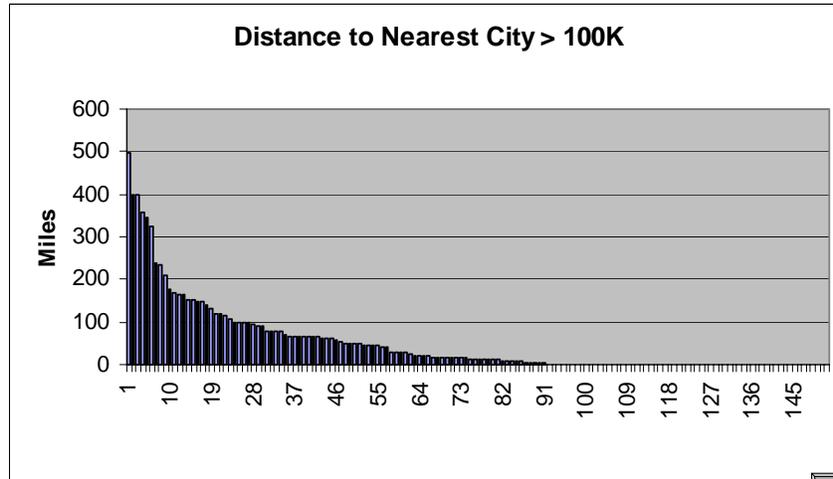
Metric Value: Distance to nearest city with population >100,000

Space	
Miles	Score
> 20	100
Linear	
0	0

Fighter    Tanker    Airlift    UAV/UCAS    Conforms? 
  
 Bomber    C2ISR    SOF/CSAR    Space    Discriminates?



# Distance to City >100K





# Distance to Logistics Hubs

OPR: **XO** Status: **Deliberative**

Tracking: #594

Metric Type: Linear

Metric Value: Distance to primary Air/Sea/Rail Points of Embarkation

APOE	
Miles	Score
0	100
Linear	
> 150	0

50%

SPOE	
Miles	Score
0	100
Linear	
> 150	0

30%

RAIL	
Miles	Score
0	100
Linear	
> 150	0

20%

<input type="checkbox"/> Fighter	<input type="checkbox"/> Tanker	<input checked="" type="checkbox"/> Airlift	<input type="checkbox"/> UAV/UCAS	Conforms? <input checked="" type="checkbox"/>
<input type="checkbox"/> Bomber	<input type="checkbox"/> C2ISR	<input type="checkbox"/> SOF/CSAR	<input type="checkbox"/> Space	Discriminates? <input type="checkbox"/>



## CRITERION 2 QUESTIONS



# Ramp Area/Serviceability

OPR/OCR: **XO/ILE** Status: **Deliberative**

Tracking: #8

Metric Type: Step

Metric Value: Sq Yardage by MDS *and* Ramp Area serviceable

BOMBER		FIGHTER		SOF/CSAR		UAV/UCAS	
SY (1,000)	Score	SY(1,000)	Score	SY(1,000)	Score	SY(1,000)	Score
≥ 258	100	≥ 234	100	≥ 411	100	≥ 180	100
129 - 257	50	156 - 233	66	308 - 410	66	90 - 179	66
< 129	0	78 - 155	33	205 - 307	33	36-89	33
		<78	0	<205	0	< 36	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?



# Ramp Area/Serviceability (Con't)

OPR/OCR: **XO/ILE** Status: **Deliberative**

Tracking: #8

Metric Type: Step

Metric Value: Sq Yardage by MDS *and* Ramp Area serviceable

AIRLIFT		TANKER		C2ISR	
SY(1,000)	Score	SY(1,000)	Score	SY(1,000)	Score
≥ 780	100	≥ 428	100	≥ 378	100
390-779	50	214 - 427	50	252 - 377	66
< 390	0	< 214	0	126 - 251	33
				< 126	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?



# Runway Dimensions

OPR/OCR: **XO/ILE** Status: **Deliberative**

Tracking: #9

Metric Type: Piecewise Linear; Binary

Metric Value: Length, xxx ft wide, and Runway is serviceable

Bomber (200' W)		Fighter (150' W)		SOF/CSAR (150' W)		UAV/UCAS (150' W)	
Length	Score	Length	Score	Length	Score	Length	Score
≥ 12,000	100	≥ 8,000	100	≥ 10,000	100	≥ 8,000	100
10 - 11,999	50 - 99	< 8,000	0	8 - 9,999	50 - 99	5 - 7,999	50 - 99
< 10,000	0			< 8000	0	< 5,000	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?



# Runway Dimensions (Con't)

OPR/OCR: **XO/ILE** Status: **Deliberative**

Tracking: #9

Metric Type: Piecewise Linear

Metric Value: Length, xxx ft wide, and Runway is serviceable

Airlift (150' W)		Tanker (150' W)		C2ISR (150' W)	
Length	Score	Length	Score	Length	Score
≥ 11,000	100	> 12,000	100	> 11,000	100
7 - 10,999	50 - 99	7 - 11,999	50 - 99	8 - 11,000	50 - 99
< 7,000	0	< 7,000	0	< 8,000	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?



# Level of Encroachment

OPR: ILE Status: **Deliberative**

Tracking: #1207

Metric Type: Step; Binary; Cumulative

Metric Value: Calculated based on:

- a) Yes/No score for community assistance w/ zoning (#1209)
- b) % acres incompatibly zoned for residential (#1208)
- c) % Total acres in CZ, APZ I, APZ II (#1207)

Roll-Up Weighting - Did 1207, 1208, & 1209 apply to the installation?

- 1209 applies: 1209 score = Total score
- 1208 & 1209 apply: (1208 score \* 50%)+(1209 score \* 50%) = Total score
- All 3 apply: (1207 score \* 30%)+(1208 score \* 30%)+(1209 score \* 40%) = Total score

Fighter
  Tanker
  Airlift
  UAV/UCAS
  Conforms?

Bomber
  C2ISR
  SOF/CSAR
  Space
  Discriminates?



# A/C Live Load Parking Spots

OPR/OCR: XO/ILMW Status: **Deliberative**

Tracking: #1232

Metric Type: Step

Metric Value: Number of Explosives-Sited Parking Spots by MDS

FIGHTER		BOMBER		SOF/CSAR		UAV/UCAS*	
Count	Value	Count	Value	Count	Value	Count	Value
≥ 47	100	≥ 23	100	≥ 10	100	≥ 4	100
24 - 46	66	12 - 22	66	9	75	3	66
12 - 23	33	6 - 11	33	8	50	2	33
< 12	0	< 6	0	< 8	0	< 2	0

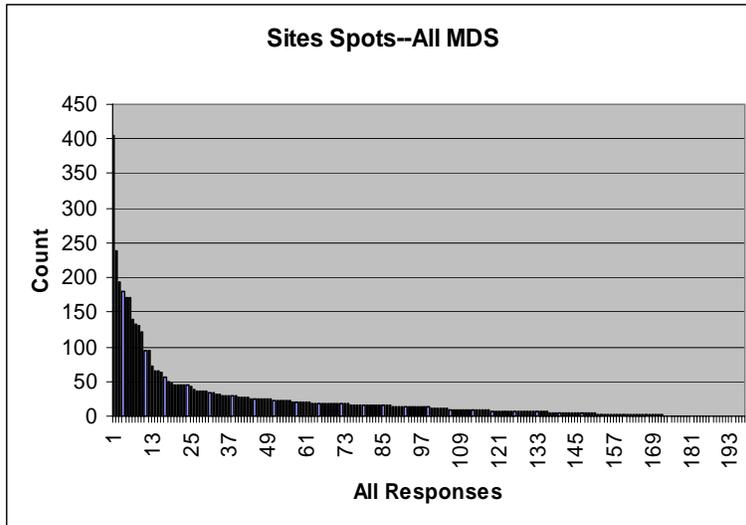
\*UAV/UCAS: Listed in number of systems

Fighter
  Tanker
  Airlift
  UAV/UCAS
  Conforms?

Bomber
  C2ISR
  SOF/CSAR
  Space
  Discriminates?



# A/C Live Load Parking Spots



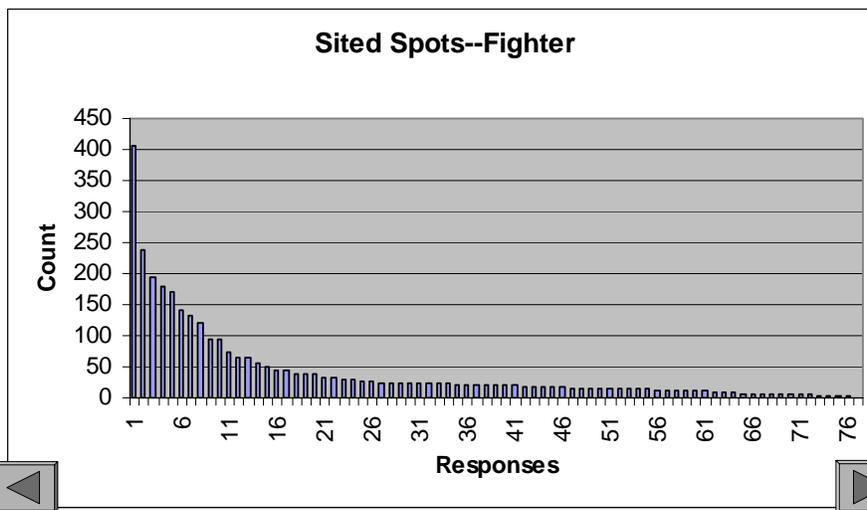
#1232



33



# A/C Live Load Parking Spots



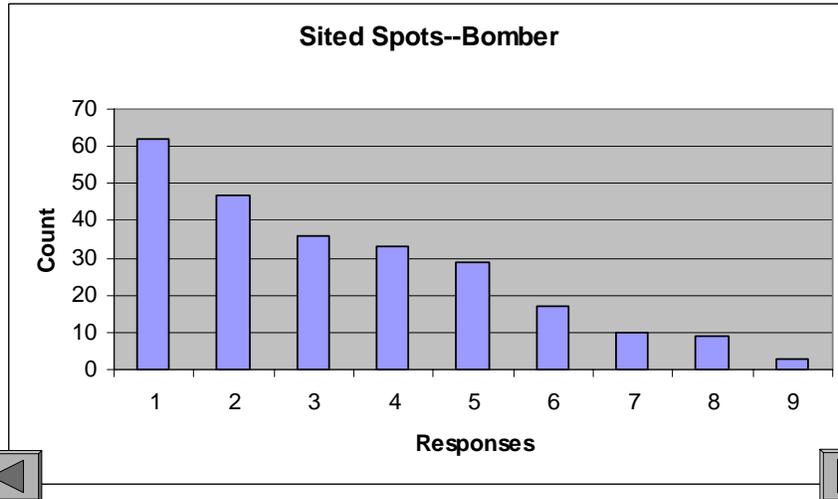
#1232



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## A/C Live Load Parking Spots

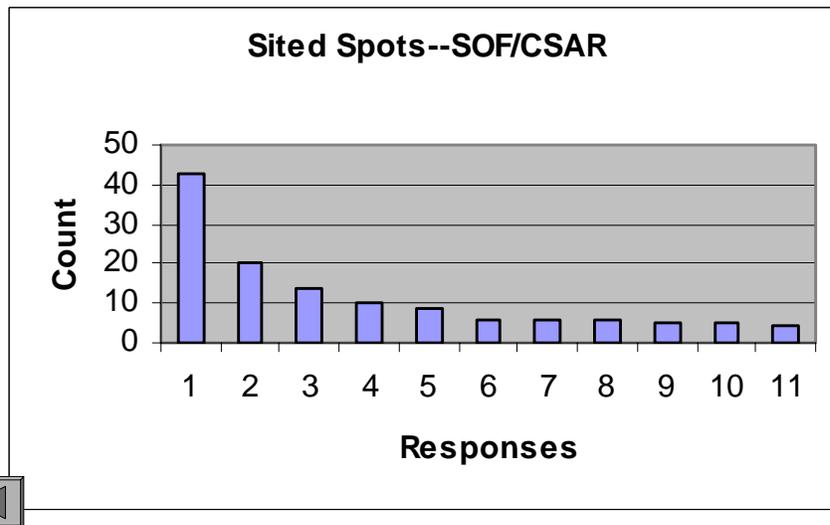


#1232

35



## A/C Live Load Parking Spots



#1232

36



# Munitions Storage to Support (Mission Type) Ops

OPR/OCR: ILMW/XO Status: **Deliberative**

Tracking: #1233

Metric Type: Step

Metric Value: Net Explosive Weight (lbs), Class 1.1 (w/out waivers)

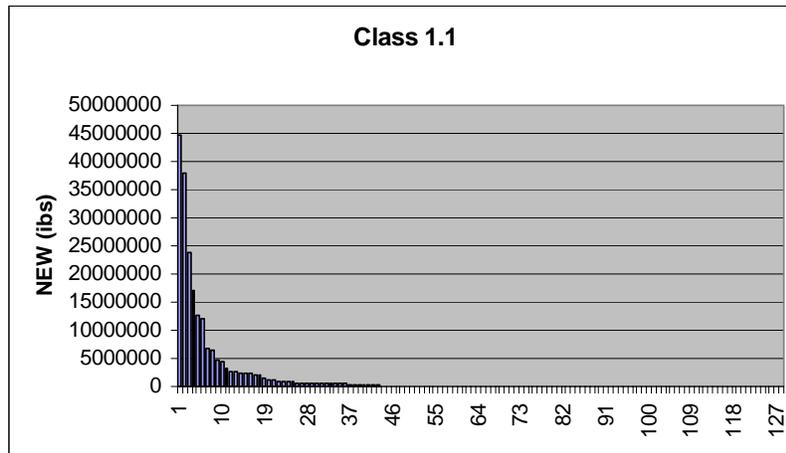
BOMBER		FIGHTER		SOF/CSAR		UAV/UCAS	
NEW (lbs)	Score	NEW (lbs)	Score	NEW (lbs)	Score	NEW (lbs)	Score
≥ 5.50M	100	≥ 1.75M	100	≥ 750,000	100	≥ 250,000	100
3.63M - 5.49M	66	1.16M - 1.74M	66	495 - 749K	66	165 - 249K	66
1.82M - 3.62M	33	558K - 1.15M	33	247 - 494K	33	82.5 - 164K	33
500K - 1.81M	10	175K - 557K	10	25 - 246K	10	25K - 82.4K	10

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Bomber  
 C2ISR  
 SOF/CSAR  
 Space

Conforms?    
Discriminates?



# Munitions Storage to Support (Mission Type) Ops





# Pavement Suitability Support (Mission Type) Ops

OPR: ILE Status: **Deliberative** ▶

Tracking: #1235

Metric Type: Step/Binary

Metric Value: ACN/PCN ratio, Based on Draft Engineering Tech. Letter 04-xx, Pavement Engineering Assessment (EA) Standards

ACN / PCN	FIGHTER	Score	ACN / PCN	BOMBER	Score
< 1.1	F-15E	100	< 1.1	B-52	100
< 1.1	F-16 C/D	50	< 1.1	B-1B	80
≥ 1.1	F-16 C/D	0	≥ 1.1	B-1B	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?



# Pavement Suitability Support (Mission Type) Ops

OPR: ILE Status: **Deliberative** ▶

Tracking: #1235

Metric Type: Step/Binary

Metric Value: ACN/PCN ratio, Based on Draft Engineering Tech. Letter 04-xx, Pavement Engineering Assessment (EA) Standards

ACN / PCN	AIRLIFT	Score	ACN / PCN	TANKER	Score
< 1.1	C-17	100	< 1.1	KC-10	100
< 1.1	C-5	75	< 1.1	KC-135	75
≥ 1.1	C-5	0	≥ 1.1	KC-135	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAV  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?



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# Pavement Suitability Support (Mission Type) Ops

OPR: ILE Status: **Deliberative**

Tracking: #1235

Metric Type: Step/Binary

Metric Value: ACN/PCN ratio, Based on Draft Engineering Tech. Letter 04-xx, Pavement Engineering Assessment (EA) Standards

ACN / PCN	UAV/ UCAV	Score	ACN / PCN	SOF/ CSAR	Score	ACN / PCN	C2ISR	Score
< 1.1	C-5	100	< 1.1	C-5	100	< 1.1	KC-135	100
≥ 1.1	C-5	0	≥ 1.1	C-5	0	≥ 1.1	KC-135	0

Fighter  
 Tanker  
 Airlift  
 UAV/UCAV  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?

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# Range Complex Supports (Msn) Training (1 of 3)

OPR: XO Status: **Deliberative**

Tracking: #1266

Metric Type: Binary/Step (cumulative)

Metric Value: **Fighter/Bomber:** Range Attributes and ops hours

1. Operating Hours	24(100 pts) – 0	Linear	30%
2. Scoreable range complex/target array	Y (100) N (0)		5%
3. Air to Ground Weapons Delivery	Y (100) N (0)		25%
4. Low Angle Strafe Authorized (for A-10)	Y (100) N (0)		5%
5. IMC weapons release	Y (100) N (0)		5%
6. Electronic Combat	Y (100) N (0)		5%
7. Laser Use Authorized	Y (100) N (0)		5%
8. Airspace Volume:			
least 2,100NM <sup>2</sup> ; altitude block ≥20,000'	Y (100) N (0)		20%

Fighter  
 Tanker  
 Airlift  
 UAV/UCAS  
 Conforms?

Bomber  
 C2ISR  
 SOF/CSAR  
 Space  
 Discriminates?

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# Range Complex

## Supports (Msn) Training (2 of 3)

OPR: XO Status: **Deliberative**

Tracking: #1266

Metric Type: Binary/Step (cumulative)

Metric Value: **SOF/CSAR**: Range Attributes and ops hours

1. Operating Hours	24 (100 pts) – 0	Linear	40%
2. Air to Ground Weapons Delivery (Y/N)	Y (100) N (0)		30%
3. Laser Use Authorized (Y/N)	Y (100) N (0)		30%

<input checked="" type="checkbox"/> Fighter	<input type="checkbox"/> Tanker	<input type="checkbox"/> Airlift	<input checked="" type="checkbox"/> UAV/UCAS	Conforms?	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Bomber	<input type="checkbox"/> C2ISR	<input checked="" type="checkbox"/> SOF/CSAR	<input type="checkbox"/> Space	Discriminates?	<input checked="" type="checkbox"/>



# Range Complex

## Supports (Msn) Training (3 of 3)

OPR: XO Status: **Deliberative**

Tracking: #1266

Metric Type: Binary/Step (cumulative)

Metric Value: **UAV/UCAS**: Range Attributes and ops hours

1. Operating Hours	24 (100 pts) - 0	Linear	35%
2. Scoreable range complex/target array	Y (100) N (0)		10%
3. Air to Ground Weapons Delivery (Y/N)	Y (100) N (0)		15%
4. IMC weapons release (Y/N)	Y (100) N (0)		5%
5. Laser Use Authorized (Y/N)	Y (100) N (0)		10%
6. Airspace Volume: at least 2,100NM <sup>2</sup> ; altitude block ≥20,000' (Y/N)	Y (100) N (0)		25%

<input checked="" type="checkbox"/> Fighter	<input type="checkbox"/> Tanker	<input type="checkbox"/> Airlift	<input checked="" type="checkbox"/> UAV/UCAS	Conforms?	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Bomber	<input type="checkbox"/> C2ISR	<input checked="" type="checkbox"/> SOF/CSAR	<input type="checkbox"/> Space	Discriminates?	<input checked="" type="checkbox"/>



# Range—Joint Training

OPR:	XO	Status:	Deliberative	
------	----	---------	--------------	--

Tracking: #1650

Metric Type: Binary

Metric Value: Ground range area in littoral environment with xx acres available for foot/vehicle traffic

**BCWG Recommends Delete**

Acres Avail	Score
≥ 500	100
< 500	0

<input type="checkbox"/> Fighter	<input type="checkbox"/> Tanker	<input type="checkbox"/> Airlift	<input type="checkbox"/> UAV/UCAS	Conforms?	<input checked="" type="checkbox"/>
<input type="checkbox"/> Bomber	<input type="checkbox"/> C2ISR	<input checked="" type="checkbox"/> SOF/CSAR	<input type="checkbox"/> Space	Discriminates?	<input checked="" type="checkbox"/>



# Range—Joint Training

1. Range/O PAREA (Text)	2. Activity (Text)	3. # acres available for vehicle and/or foot traffic (Acres)	4. Restricted number of acres (Acres)	5. Hours per years budgeted for (Hrs/Yr)	6. Hours per year actually used (Hrs/Yr)
Eglin Range Complex	Test and Training	190478	998	2080	2080
Western Range	North Star	5	0	0	576





# CRITERION 3 QUESTIONS



## Large-Scale Deployments

(Ability to Support)

OPR: XO Status: **Deliberative**

Tracking: #1241

Metric Type: Step

Metric Value: C-17 Parking MOG

Airlift	
Count	Score
6	100
4	75
2	25
0	0

C2ISR & UAV	
Count	Score
6	100
4	75
2	25
0	0

FTR / BMB / TNKR	
Count	Score
6	100
4	75
2	25
< 2	0

SOF/CSAR	
Count	Score
10	100
< 10	0

- Fighter
- Tanker
- Airlift
- UAV/UCAS
- Bomber
- C2ISR
- SOF/CSAR
- Space

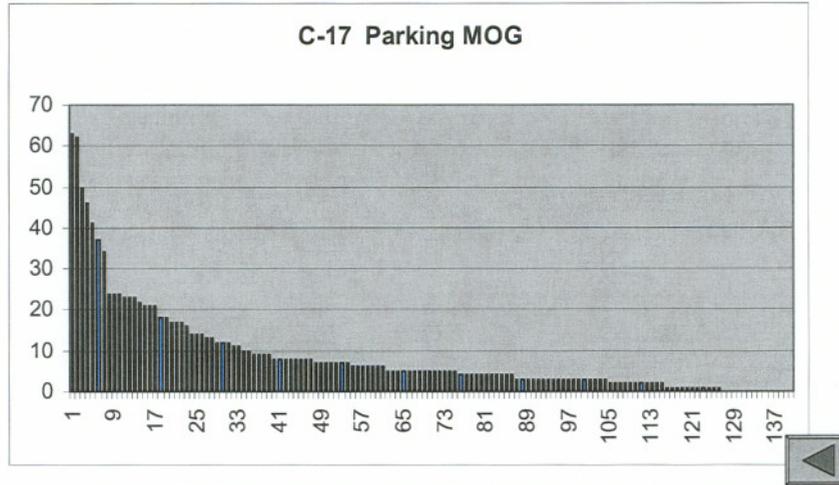
Conforms?

Discriminates?



# Large-Scale Deployments

(Ability to Support)



#1241

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# Agenda

19 Aug 04

0830-0845	<b>Opening Business</b>	<b>Co-chairs</b>
	<i>Calendar</i>	
	<i>Action Items</i>	
0845-1000	<b>MCI Metrics Re-attacks</b>	<i>SMEs</i>
	<b>-- Break --</b>	
1015-1130	<b>ACI Metrics Re-attacks</b>	<i>SMEs</i>
1145-1215	<b>MAJCOM Prep</b>	
1215-1300	<b>MCI Deliberation (weights and flags)</b>	

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# Headquarters U.S. Air Force

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## Capacity Analysis



## Phase II Game Plan

**U.S. AIR FORCE**



## Overview

- Purpose
- Guidelines
- Weapon system standard sizes
- Schedule
- Briefing format



## Purpose

- Obtain updated MAJCOM assessment
  - Of operational capacity at installations
  - Using revised POM 06 and 2025 force structure



## Guidelines

### For ACC/AMC/PACAF/AFSOC/ARC

- **Use force structure plan projected in FY 06 POM (FY 06-11)**
  - *Move or eliminate existing force structure, as approved*
- **Use MAJCOM-developed templates for *specific* weapon system, as approved by BCEG**
  - Must be consistent with certified data from Data Call # 1
  - Must be able to execute within current boundary
  - 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
  - Evaluate natural infrastructure ability to support addition
- **Identify precluding factors**
  - *Preventing beddown of weapons system which cannot be overcome with funding in time to allow completion of beddown by EOY 2011)*
- **Present desired functional, organization changes affecting basing, capacity**



## Guidelines For AFMC/AFSPC/AETC

- Present desired functional, organization changes affecting basing, capacity
- AFMC
  - Tenants brief own force structure, must stay in existing boundary unless added space authorized by AFMC
- AFSPC
  - Non-standard mission requirements
  - No aircraft templates
  - 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



## Standard Active AF Sizes

Type Unit	Aircraft / Unit
Fighter	24
Attack	24
Bomber	12
Tanker (KC-10 /KC-135, KC-X)	12/16
Large Transport (C-5, C-17)	16/12
C-130 Transport	16
Special Operations	7



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# MAJCOM Week Schedule

## August

23	24	25	26	27
<u>AMC</u> : 1300-1430	<u>ANG</u> : 0900-1100 <u>BCEG</u> : 1200-1300 <u>ACC</u> : 1300-1500	<u>AFRC</u> : 0900-1100 <u>BCEG</u> : 1100-1300 <u>PACAF</u> : 1300-1500 <u>AFMC</u> : 1500-1700	<u>AFSPC</u> : 1230-1430	<u>AETC</u> : 0830-1000 <u>ISG</u> : 1030-1130 <u>AFSOC</u> : 1300-1500

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## BRIEFING FORMAT



**U.S. AIR FORCE**

# Headquarters U.S. Air Force

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**[MAJCOM NAME  
(HQ AMC, ACC, etc)]**

## Phase II Capacity Analysis

**[Briefer Name]**

**Date**



**U.S. AIR FORCE**

Atch 3



## (Command) Considerations

- **Command specific issues**
- **Considerations affecting capacity not otherwise addressed**
- **Functional, organizational changes**
  - **Center, agency relocates**
  - **Unified command HQ expands/reduces**
  - **XX mission ends, activity relocates, retires**



## (Base Name) Overview

SAMPLE

As of	30 Sep 2005		30 Sep 2011	
Assigned Weapon System Type(s) (MDS)	C-17	KC-135	C-17	KC-135
Total PAA	36	48	36	36
# Flying Squadrons	3	4	3	3
Total Available Aircraft Parking spaces	55	50	55	50
Unused Aircraft Parking Spaces	19	2	19	14

Template used	C-17
Standard PAA per squadron	12

Atch 3



## (Base Name) Overview

- Host: (XX ALC, YY Space Wing)
- Assigned missions:
  - Weapon system maintenance [or] missile warning and space control
- Major tenants
  - HQ USNORTHCOM, ZZZ Defense Institute

**(AFMC, AFSPC only)**



## Base Name Tenant Flying Units

As of	30 Sep 2005	30 Sep 2011
-------	-------------	-------------

Tenant Flying Unit	Type AC (MDS)	# Aircraft	# Parking Spaces Used	# Aircraft	# Parking Spaces Used
ACC Fighter Squadron	A-10	24	30		
ANG Tanker Wing	KC-135	12	12		
AFRC Fighter Squadron	A-10	15	15		
Coast Guard Detachment	C-130	1	1		



## (Base Name) Growth Capacity

Acres of Buildable Land	
Total Available	300
Single largest contiguous buildable parcel	45
Flight Line	30

**(AFMC, AFSPC only)**



[Base Name]

## Estimated Capacity after 2011

Weapon System Type (MDS)	[F-22] [KC-X] [C-17] [etc]
Maximum Capacity	75



## Base X Estimated Costs

<b>Add One Squadron</b>	
Precluding Factor	None
Major Construction	15.0
Minor Construction	4.0
Natural Insrastructure	0.7
Other procurement	1.5
Planning & Design	1.4
Subtotal	22.6
<b>Add Second Squadron</b>	
Precluding Factor	Land
Major Construction	0.0
Minor Construction	0.0
Natural Insrastructure	0.0
Other procurement	0.0
Planning & Design	0.0
Subtotal	0.0
<b>Total Cost for Two Squadrons</b>	<b>22.6</b>





## Base X Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
<b>Capacity Requirements to add one unit:</b>			
Air	Y		
AICUZ	Y		
Surface Land Access	A	Mitigation of 25 acres of wetlands required	0.5
Water Access	Y		
Water Discharge	Y		
Planning	A	Preparation of EIS required	0.2
<b>Total Natural Infrastructure Capacity Cost</b>			<b>0.7</b>
<b>Capacity Requirements to add second unit:</b>			
Air	N	No air credits available & SIP cannot be renegotiated	
AICUZ	Y		
Surface Land Access	A	Mitigation of 100 additional acres of wetlands required	2.0
Water Access	A	Modification of Permit for additional pumping rights	0.08
Water Discharge	A		
Planning	A	Preparation of EIS required (additional costs)	0.05
<b>Total Natural Infrastructure Capacity Cost</b>			<b>2.13</b>

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## Capacity Analysis

MAJCOM	Installation	MDS	PAA	Sqdn 1	Sqdn 2	Sqdn 3	Sqdn 4	Sqdn 5	Sqdn 6	Total Est Cost (in \$M)	Natural Infrastructure	Mitigation Cost	Other Impacts
AETC	Altus	C-17	12		\$70.6	\$72.2				\$162.0			
PACAF	Andersen	B-52	12	\$347.7	\$96.7					\$444.4			
PACAF	Andersen	RQ-4	3	\$55.2	\$51.1					\$106.3			
AFRC	Andrews	KC-135R	12		\$3.9	-				\$3.9			Ramp
AMC	Andrews	SAM	N/A				N/A	N/A	N/A	N/A			Available land
ANG	Andrews AFB, MD	C-38/ C-40	4										
ANG	Andrews AFB, MD	F-16	24		-	-							
ANG	Atlantic City, NJ	F-16	24		\$36.1	\$5.5				\$41.6			
ANG	Baltimore, MD	A-10	24		\$21.5	\$4.5				\$26.0			
ANG	Baltimore, MD	C-130	16		\$9.6	\$0.0				\$26.0			
ANG	Baltimore, MD	C-130	16		\$9.6	\$0.0				\$9.6			
ANG	Bangor, ME	KC-135	12										
AFRC	Barksdale	O/A-10	24		\$3.3	\$34.3				\$37.6			
ACC	Barksdale	B-52	12				\$49.8	\$82.6		\$132.4			
ANG	Barnes, MA	A-10	24		\$28.8	\$1.7				\$30.5			
AFRC	Beale	KC-135R	12		\$15.2	-				\$15.2	Ozone non-attainment	\$2.1	Recruiting
ACC	Beale	RQ-4	18			\$49.7	\$56.1			\$105.8	Ozone non-attainment	\$1.6	Recruiting

Squadrons in place as of: 30 Sep 11

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# Agenda

## 19 Aug 04

0830-0845 **Opening Business** Co-chairs

Calendar  
Action Items

0845-1000 **MCI Metrics Re-attacks** SMEs

**-- Break --**

1015-1130 **MCI Metrics Re-attacks** SMEs

1145-1215 **MAJCOM Prep**

1215-1300 **MCI Deliberation (weights and flags)**



# MCI Effective Question Weights

## Cross-referenced

#	Question	Crit	Attribute	Fighter	Bomber	SOFC/SAR	UAV/CAS	CISR	Tanker	Airift	Space
1229	Population density impact on USAF mission	1	Geo-Loc								
1243	Airfield elevation	1	Geo-Loc								
1245	Distance to airspace supporting (mission type) operations	1	Geo-Loc								
1246	Distance to low level routes supporting (mission type) ops	1	Geo-Loc			L	L				
1249	Distance to CDZL supporting (mission type) operations	1	Geo-Loc			L					
1270	Suitable auxiliary airfields within 50NM	1	Geo-Loc								
584	Distance to APOGSP/CRail	1	Geo-Loc								
1412	Distance to nearest city ≥ 100,000	1	Geo-Loc								
1210	Line-of-sight encroachment	1	Ops Envir								
1242	ATC restrictions to operations	1	Ops Envir					H	H	H	
1281	Frequency spectrum access	1	Ops Envir								
1271	Prevailing weather conditions	1	Ops Envir								
1272	Installation crossing conditions	1	Ops Envir								
1	Can fuel hydrant systems support (mission type) operations	2	KMI								
8	Ramp area and serviceability	2	KMI	L				H	H		
9	Runway dimension and serviceability	2	KMI					H	H		
27	Available bandwidth to support space operations	2	KMI								
30	Buildable acres (space-encroachment)	2	KMI								
1207	Level of mission encroachment	2	KMI								
1221	Ability to hangar permanently-based F-16 sized aircraft	2	KMI								
1231	Certified Weapons Storage Area	2	KMI								
1232	Sufficient explosives-sited parking spots for (mission type) ops	2	KMI								
1233	Sufficient munitions storage to support (mission type) ops	2	KMI			L					
1235	Can pavements support (mission type) operations	2	KMI	L				H	H	H	
1203	Access to adequate supersonic airspace	2	Op Area								
1248	Can DZLZ support installation (mission type) ops	2	Op Area			L				H	
1268	Deers range complex support (mission type) training	2	Op Area								
213	Attainment status/mission budget growth allowance	3	Growth								
1206.1	Buildable acres to support industrial operations growth	3	Growth				H				H
1206.2	Buildable acres to support air operations mission growth	3	Growth				H				
1211	Available installation bandwidth	3	Growth								
1214	Fuel dispensing rate to support mobility and surge operations	3	Mob/Surge								
1241	Ability to support large-scale mobility deployments	3	Mob/Surge			H	H				
1260	Area cost factor	4	Cost								
1269	Utilities cost rating (U3C)	4	Cost								
1402	BAH rate	4	Cost								
1403	GS locality pay	4	Cost								



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# Mission Compatibility Indices

Criteria Weights:	47.5% 40.0% 10.0% 2.5%				47.5% 40.0% 10.0% 2.5%				47.5% 40.0% 10.0% 2.5%			
	C1	C2	C3	C4	C1	C2	C3	C4	C1	C2	C3	C4
	<b>Fighter</b>				<b>Bomber</b>				<b>SOFCSAR</b>			
Operating Environment	25%				30%				22%			
Geo-locational Factors	75%				70%				78%			
Key Mission Infrastructure		55%				70%				45%		
Operating Areas		45%				30%				55%		
Mobility / Surge			44%				44%				44%	
Growth Potential			56%				56%				56%	
Cost	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	<b>AirLift</b>				<b>Tanker</b>				<b>CISR</b>			
Operating Environment	46%				45%				52%			
Geo-locational Factors	54%				55%				48%			
Key Mission Infrastructure		80%				100%				100%		
Operating Areas		20%				0%				0%		
Mobility / Surge			44%				55%				40%	
Growth Potential			56%				45%				60%	
Cost	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	<b>UAV/UCAS</b>				<b>Space</b>				Cross-reference			
Operating Environment	30%				50%							
Geo-locational Factors	70%				50%							
Key Mission Infrastructure		75%				100%						
Operating Areas		25%				0%						
Mobility / Surge			30%				0%					
Growth Potential			70%				100%					
Cost	100%	100%	100%	100%	100%	100%	100%	100%				

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# MCI Effective Question Weights

## Cross-referenced

Criterion 1 attribute weights

Geo-Loc	75%	70%	78%	30%	48%	55%	54%	50%
Ops Env.	25%	30%	22%	70%	52%	45%	46%	50%

#	Question	Crit	Attribute	Fighter	Bomber	SOFCSAR	UAV/UCAS	CISR	Tanker	AirLift	Space
1226	Population density impact on USAF mission	1	Geo-locational								7.13%
1243	Airfield elevation	1	Geo-locational			3.71%					
1244	Restricted airspace to support UAV operations	1	Geo-locational				0.00%				
1245	Distance to airspace supporting (mission type) operations	1	Geo-locational	22.44%	18.23%	14.82%	14.25%	22.80%	26.13%		
1246	Distance to low level routes supporting (mission type) operations	1	Geo-locational	8.19%	14.96%	3.71%				7.70%	
1248	Distance to drop/landing zones supporting (mission type) operations	1	Geo-locational			14.82%				8.00%	
1270	Suitable auxiliary airfields within 50NM	1	Geo-locational	4.99%							
594	Distance to APOE/SPOE/Rail	1	Geo-locational							10.26%	
1412	Distance to nearest city > 100,000	1	Geo-locational								16.63%
1210	Line-of-sight encroachment	1	Ops Environ								14.25%
1242	ATC restrictions to operations	1	Ops Environ	6.18%	8.55%	4.70%	8.31%	16.06%	21.38%	15.30%	
1251	Frequency spectrum access	1	Ops Environ				8.31%	8.65%			9.50%
1271	Prevailing weather conditions	1	Ops Environ	5.70%	5.70%	5.75%	6.65%			6.56%	
1272	Installation crosswind conditions	1	Ops Environ				9.98%				

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# MCI Effective Question Weights

## Cross-referenced



Criterion 2 attribute weights

<b>KMI</b>	55%	70%	45%	75%	100%	100%	80%	100%
<b>Ops Areas</b>	45%	30%	55%	25%	0%	0%	20%	0%

#	Question	Crit	Attribute	Fighter	Bomber	SOF/CSAR	UAV/UCAS	C2ISR	Tanker	Airlift	Space
1	Can fuel hydrant systems support (mission type) operations	2	KM		2.24%			2.00%	4.00%	4.80%	
8	Ramp area and serviceability	2	KM	2.86%	3.64%	4.50%	4.50%	9.60%	8.80%	3.20%	
9	Runway dimension and serviceability	2	KM	2.20%	6.16%	2.70%	6.00%	10.00%	10.00%	5.76%	
27	Available bandwidth to support space operations	2	KM								12.00%
30	Buildable acres (space-encroachment)	2	KM								28.00%
1207	Level of mission encroachment	2	KM	2.20%	1.96%	1.44%	1.50%	2.00%	2.00%	2.24%	
1221	Ability to hangar permanently-based F-15 sized aircraft	2	KM	3.74%							
1231	Certified Weapons Storage Area	2	KM		2.24%						
1232	Sufficient explosives-sited parking spots for (mission type) operations	2	KM	3.52%	2.80%	2.16%	6.00%				
1233	Sufficient munitions storage to support (mission type) operations	2	KM	4.62%	3.08%	2.70%	6.00%				
1235	Can pavements support (mission type) operations	2	KM	2.86%	5.88%	4.50%	6.00%	16.40%	15.20%	16.00%	
1203	Access to adequate supersonic airspace	2	Operating Area	7.20%							
1249	Can drop/landing zones support installation (mission type) operations	2	Operating Area			7.70%				7.70%	
1266	Does range complex support (mission type) training	2	Operating Area	10.80%	12.00%	14.30%	10.00%				

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# MCI Effective Question Weights

## Cross-referenced



Criterion 3 attribute weights

<b>Mobility/Surge</b>	44%	44%	44%	30%	40%	55%	44%	0%
<b>Growth</b>	56%	56%	56%	70%	60%	45%	56%	100%

#	Question	Crit	Attribute	Fighter	Bomber	SOF/CSAR	UAV/UCAS	C2ISR	Tanker	Airlift	Space
213	Attainment status/mission budget growth allowance	3	Growth	1.68%	1.68%	1.68%	0.70%	1.50%	1.36%	1.68%	3.00%
1205.1	Buildable acres to support industrial operations growth	3	Growth	1.96%	1.96%	1.96%	3.50%	1.20%	1.58%	1.96%	6.00%
1205.2	Buildable acres to support air operations mission growth	3	Growth	1.96%	1.96%	1.96%	2.80%	1.20%	1.58%	1.96%	
1211	Available installation bandwidth	3	Growth					2.10%			1.00%
1214	Fuel dispensing rate to support mobility and surge operations	3	Mobility/Surge	2.64%	2.64%	1.76%		2.80%	3.85%	2.20%	
1241	Ability to support large-scale mobility deployments	3	Mobility/Surge	1.76%	1.76%	2.64%	3.00%	1.20%	1.65%	2.20%	

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# MCI Effective Question Weights

## Cross-referenced



Criterion 4 attribute weights

Cost	100	100	100	100	100	100	100	100	100
------	-----	-----	-----	-----	-----	-----	-----	-----	-----

#	Question	Crit	Attribute	Fighter	Bomber	SOF/CSAR	UAV/JCAS	CZISR	Tanker	Airlift	Space
1250	Area cost factor	4	Cost	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
1269	Utilities cost rating (U3C)	4	Cost	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%
1402	BAH rate	4	Cost	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%
1403	GS locality pay	4	Cost	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%

**All Identical**



# Fighter MCI

## Sorted by Effective Weight

Question	Eff Wt	SME
Distance to airspace supporting (mission type) operations	22.44%	2
Does range complex support (mission type) training	10.80%	1
Distance to low level routes supporting (mission type) operations	8.19%	
Access to adequate supersonic airspace	7.20%	3
ATC restrictions to operations	6.18%	10
Prevailing weather conditions	5.70%	9
Suitable auxiliary airfields within 50NM	4.99%	
Sufficient munitions storage to support (mission type) operations	4.62%	5
Ability to hangar permanently-based F-15 sized aircraft	3.74%	
Sufficient explosives-sited parking spots for (mission type) operations	3.52%	
Can pavements support (mission type) ops	2.86%	8
Ramp area and serviceability	2.86%	6
Fuel dispensing rate to support mobility and surge operations	2.64%	
Level of mission encroachment	2.20%	
Runway dimension and serviceability	2.20%	7
Buildable acres to support industrial operations growth	1.96%	
Buildable acres to support air operations mission growth	1.96%	
Ability to support large-scale mobility deployments	1.76%	
Attainment status/emission budget growth allowance	1.68%	
Area cost factor	1.25%	
BAH rate	0.88%	
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Mission	48.64%
Airfield Environment	16.86%
Runways/Pavement	9.68%
Munitions	8.14%
Infrastructure	7.66%
Encroachment	3.88%
Fuels	2.64%
Location Factors	2.50%



# Fighter MCI

#	Question	Nominal	Effective	Attribute	Attr Wt	Criteria	Crit Wt
1245	Distance to airspace supporting (mission type) operations	63%	22.44%	Geo-locational	75.00%	1	47.50%
1270	Suitable auxiliary airfields within 50NM	14%	4.99%	Geo-locational		1	
1246	Distance to low level routes supporting (mission type) operations	23%	8.19%	Geo-locational	25.00%	1	47.50%
1242	ATC restrictions to operations	52%	6.18%	Ops. Env.		1	
1271	Prevailing weather conditions	48%	5.70%	Ops. Env.	55.00%	1	40.00%
1207	Level of mission encroachment	10%	2.20%	KMI		2	
1221	Ability to hangar permanently-based F-15 sized aircraft	17%	3.74%	KMI		2	
1232	Sufficient explosives-sited parking spots for (mission type) operations	16%	3.52%	KMI	45.00%	2	40.00%
1233	Sufficient munitions storage to support (mission type) operations	21%	4.62%	KMI		2	
1235	Can pavements support (mission type) operations	13%	2.86%	KMI		2	
8	Ramp area and serviceability	13%	2.86%	KMI	56.00%	2	40.00%
9	Runway dimension and serviceability	10%	2.20%	KMI		2	
1203	Access to adequate supersonic airspace	40%	7.20%	Ops. Areas	44.00%	2	40.00%
1266	Does range complex support (mission type) training	60%	10.80%	Ops. Areas		2	
1213	Attainment status/emission budget growth allowance	30%	1.68%	Growth	100.00%	3	2.50%
1205.1	Buildable acres to support industrial operations growth	35%	1.96%	Growth		3	
1205.2	Buildable acres to support air operations mission growth	35%	1.96%	Growth	44.00%	3	40.00%
1214	Fuel dispensing rate to support mobility/surge operations	60%	2.64%	Mobility/Surge		3	
1241	Ability to support large-scale mobility deployments	40%	1.76%	Mobility/Surge	100.00%	3	2.50%
1250	Area cost factor	50%	1.25%	Cost		4	
1269	Utilities cost rating (U3C)	5%	0.13%	Cost	100.00%	4	2.50%
1402	BAH rate	35%	0.88%	Cost		4	
1403	GS locality pay	10%	0.25%	Cost	4		

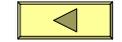


# Bomber MCI

## Sorted by Effective Weight

Question	Eff Wt	SME
Distance to airspace supporting (mission type) operations	18.29%	1
Distance to low level routes supporting (mission type) operations	14.96%	2
Does range complex support (mission type) training	12.00%	3
ATC restrictions to operations	8.55%	4
Runway dimension and serviceability	6.16%	5
Can pavements support (mission type) ops	5.88%	6
Prevailing installation weather conditions	5.70%	9
Ramp area and serviceability	3.64%	7
Sufficient munitions storage to support (mission type) operations	3.08%	
Sufficient explosives-sited parking spots for (mission type) operations	2.80%	
Fuel dispensing rate to support mobility and surge operations	2.64%	
Can the fuel hydrant system support (mission type) growth	2.24%	
Certified Weapons Storage Area	2.24%	10
Level of mission encroachment	1.96%	
Buildable acres to support industrial operations growth	1.96%	
Buildable acres to support air operations mission growth	1.96%	
Ability to support large-scale mobility deployments	1.76%	
Attainment status/emission budget growth allowance	1.68%	
Area cost factor	1.25%	
BAH rate	0.88%	
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Mission	45.25%
Runways/Pavement	17.44%
Airfield Environment	14.25%
Munitions	8.12%
Fuels	4.88%
Infrastructure	3.92%
Encroachment	3.64%
Location Factors	2.50%





# Bomber MCI

#	Question	Nominal	Effective	Attribute	Attr Wt	Criteria	Crit Wt
1245	Distance to airspace supporting (mission type) operations	55%	18.29%	Geo-locational		1	
1246	Distance to low level routes supporting (mission type) operations	45%	14.96%	Geo-locational	70.00%	1	47.50%
1242	ATC restrictions to operations	60%	8.55%	Ops. Env.	30.00%	1	
1271	Prevailing weather conditions	40%	5.70%	Ops. Env.		1	
1235	Can pavements support (mission type) operations	21%	5.88%	KMI		2	
1	Can fuel hydrant system support (mission type) growth	8%	2.24%	KMI		2	
1231	Certified weapons storage area	8%	2.24%	KMI		2	
1232	Sufficient explosives-sited parking spots for (mission type) operations	10%	2.80%	KMI		2	
1233	Sufficient munitions storage to support (mission type) operations	11%	3.08%	KMI	70.00%	2	40.00%
1207	Level of mission encroachment	7%	1.96%	KMI		2	
8	Ramp area and serviceability	13%	3.64%	KMI		2	
9	Runway dimension and serviceability	22%	6.16%	KMI		2	
1266	Does range complex support (mission type) training	100%	12.00%	Ops. Areas	30.00%	2	
1205.1	Buildable acres to support industrial operations growth	35%	1.96%	Growth		3	
1205.2	Buildable acres to support air operations mission growth	35%	1.96%	Growth	56.00%	3	
213	Attainment status/emission budget growth allowance	30%	1.68%	Growth		3	10.00%
1214	Fuel dispensing rate to support mobility/surge operations	60%	2.64%	Mobility/Surge		3	
1241	Ability to support large-scale mobility deployments	40%	1.76%	Mobility/Surge	44.00%	3	
1250	Area cost factor	50%	1.25%	Cost		4	
1403	Utilities cost rating (U3C)	5%	0.13%	Cost		4	
1402	BAH rate	35%	0.88%	Cost	100.00%	4	2.50%
1269	GS locality pay	10%	0.25%	Cost		4	

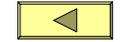


# Airlift MCI

## Sorted by Effective Weight

Question	Eff Wt	SME
Can pavements support (mission type) ops	16.00%	1
ATC restrictions to operations	15.30%	2
Distance to APOEs/SPOEs/Railheads	10.26%	
Can drop/landing zones supporting installation (mission type) operations?	8.00%	4
Distance to drop/landing zones supporting (mission type) operations	7.70%	3
Distance to low level routes supporting (mission type) operations	7.70%	5
Prevailing installation weather conditions	6.56%	6
Runway dimension and serviceability	5.76%	7
Can fuel hydrant system support (mission type) growth	4.80%	
Ramp area and serviceability	3.20%	8
Level of mission encroachment	2.24%	
Fuel dispensing rate to support mobility and surge operations	2.20%	
Ability to support large-scale mobility deployments	2.20%	
Buildable acres to support industrial operations growth	1.96%	
Buildable acres to support air operations mission growth	1.96%	
Attainment status/emission budget growth allowance	1.68%	
Area cost factor	1.25%	
BAH rate	0.88%	
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Mission	33.66%
Runways/Pavement	27.16%
Airfield Environment	21.85%
Fuels	7.00%
Infrastructure	3.92%
Encroachment	3.92%
Location Factors	2.50%





# Airlift MCI

RUN #	Question	Nominal	Effective	Attribute	A. Wt.	Criteria	C. Wt.
1248	Distance to drop/landing zones supporting (mission type) operations	30%	7.70%	Geo-locational		1	47.50%
1246	Distance to low level routes supporting (mission type) operations	30%	7.70%	Geo-locational	54.00%	1	
594	Distance to APOEs/SPOEs/Railheads	40%	10.26%	Geo-locational			
1242	ATC restrictions to operations	70%	15.30%	Ops. Env.	46.00%	1	
1271	Prevailing installation weather conditions	30%	6.56%	Ops. Env.		1	
1207	Level of mission encroachment	7%	2.24%	KMI		2	
1235	Can installation pavements support (mission type) ops?	50%	16.00%	KMI		2	
1	Can the installation's fuel hydrant system support (mission type) growth?	15%	4.80%	KMI	80.00%	2	40.00%
8	Ramp area and serviceability	10%	3.20%	KMI			
9	Runway dimension and serviceability	18%	5.76%	KMI		2	
1249	Can drop/landing zones support installation (mission type) operations?	100%	8.00%	Ops. Areas	20.00%	2	
213	Attainment Status/Emission budget growth allowance	30%	1.68%	Growth		3	
1205.1	Buildable acres to support industrial operations growth	35%	1.96%	Growth	56.00%	3	
1205.2	Buildable acres to support air operations mission growth	35%	1.96%	Growth		3	40.00%
1214	Fuel dispensing rate to support mobility and surge operations	50%	2.20%	Mobility/Surge	44.00%	3	
1241	Installation ability to support large-scale mobility deployments	50%	2.20%	Mobility/Surge		3	
1250	Area cost factor	50%	1.25%	Cost		4	
1269	Utilities cost rating (U3C)	5%	0.13%	Cost		4	2.50%
1402	BAH rate	35%	0.88%	Cost	100.00%	4	
1403	GS locality pay	10%	0.25%	Cost		4	



# Tanker MCI

## Sorted by Effective Weight

Question	Eff Wt	SME
Distance to airspace supporting (mission type) operations	26.13%	4
ATC restrictions to operations	21.38%	5
Can pavements support (mission type) operations	15.20%	1
Runway dimension and serviceability	10.00%	2
Ramp area and serviceability	8.80%	3
Can fuel hydrant system support (mission type) growth	4.00%	6
Fuel dispensing rate to support mobility and surge operations	3.85%	8
Level of mission encroachment	2.00%	
Ability to support large-scale mobility deployments	1.65%	9
Buildable acres to support industrial operations growth	1.58%	
Buildable acres to support air operations mission growth	1.58%	7
Attainment status/emission budget growth allowance	1.35%	
Area cost factor	1.25%	
BAH rate	0.88%	
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

KEY	TOTAL
Runways/Pavement	35.65%
Mission	26.13%
Airfield Environment	21.38%
Fuels	7.85%
Encroachment	3.35%
Infrastructure	3.15%
Location Factors	2.50%





# Tanker MCI

#	Question	Nominal	Effective	Attribute	A. Wt.	Criteria	C. Wt.
1245	Distance to airspace supporting (mission type) operations	100%	26.13%	Geo-Loc	55.00%	1	47.50%
1242	ATC restrictions to operations	100%	21.38%	Ops. Env.	45.00%	1	
1207	Level of mission encroachment	5%	2.00%	KMI		2	
1235	Can pavements support (mission type) operations	38%	15.20%	KMI		2	
1	Can fuel hydrant system support (mission type) growth	10%	4.00%	KMI	100.00%	2	40.00%
8	Ramp area and serviceability	22%	8.80%	KMI		2	
9	Runway dimension and serviceability	25%	10.00%	KMI		2	
213	Attainment Status/Emission budget growth allowance	30%	1.35%	Growth		3	
1205	Buildable acres to support industrial operations growth	35%	1.58%	Growth	45.00%	3	
1205	Buildable acres to support air operations mission growth	35%	1.58%	Growth		3	10.00%
1214	Fuel dispensing rate to support mobility and surge operations	70%	3.85%	Mobility/Surge	55.00%	3	
1241	Ability to support large-scale mobility deployments	30%	1.65%	Mobility/Surge		3	
1250	Area cost factor	50%	1.25%	Cost		4	
1269	Utilities cost rating (U3C)	5%	0.13%	Cost	100.00%	4	2.50%
1402	BAH rate	35%	0.88%	Cost		4	
1403	GS locality pay	10%	0.25%	Cost		4	



# C2ISR MCI

## Sorted by Effective Weight

Question	Eff Wt	SME
Distance to airspace supporting (mission type) operations	22.80%	
Can pavements support (mission type) ops?	16.40%	1
ATC restrictions to operations	16.06%	4
Runway dimension and serviceability	10.00%	2
Ramp area and serviceability	9.60%	3
Frequency spectrum access to support C2ISR operations	8.65%	5
Fuel dispensing rate to support mobility and surge operations	2.80%	6
Available installation bandwidth	2.10%	9
Can fuel hydrant system support (mission type) growth	2.00%	7
Level of mission encroachment	2.00%	
Attainment Status/Emission budget growth allowance	1.50%	
Area cost factor	1.25%	
Ability to support large-scale mobility deployments	1.20%	10
Buildable acres to support industrial operations growth	1.20%	8
Buildable acres to support air operations mission growth	1.20%	
BAH rate	0.88%	
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Runways/Pavement	37.20%
Mission	33.55%
Airfield Environment	16.06%
Fuels	4.80%
Encroachment	3.50%
Location Factors	2.50%
Infrastructure	2.40%





## C2ISR MCI

#	Question	Nominal	Effective	Attribute	A. Wt.	Criteria	C. Wt.
1245	Distance to airspace supporting (mission type) operations.	100%	22.80%	Geo-locational	48.00%	1	47.50%
1242	ATC restrictions to operations	65%	16.06%	Ops. Env.	52.00%	1	
1251	Frequency spectrum access to support C2ISR operations	35%	8.65%	Ops. Env.		1	
1207	Level of mission encroachment	5%	2.00%	KMI		2	
1235	Can installation pavements support (mission type) ops?	41%	16.40%	KMI		2	
1	Can the installation's fuel hydrant system support (mission type) growth?	5%	2.00%	KMI	100.00%	2	40.00%
8	Ramp area and serviceability	24%	9.60%	KMI		2	
9	Runway dimension and serviceability	25%	10.00%	KMI		2	
213	Attainment Status/Emission budget growth allowance	25%	1.50%	Growth		3	
1205	Buildable acres to support industrial operations growth	20%	1.20%	Growth	60.00%	3	10.00%
1205	Buildable acres to support air operations mission growth	20%	1.20%	Growth		3	
1211	Available installation bandwidth	35%	2.10%	Growth		3	
1214	Fuel dispensing rate to support mobility and surge operations	70%	2.80%	Mobility/Surge	40.00%	3	
1241	Installation ability to support large-scale mobility deployments	30%	1.20%	Mobility/Surge		3	
1250	Area cost factor	50%	1.25%	Cost		4	
1269	Utilities cost rating (U3C)	5%	0.13%	Cost	100.00%	4	2.50%
1402	BAH rate	35%	0.88%	Cost		4	
1403	GS locality pay	10%	0.25%	Cost		4	



## SOF/CSAR MCI Sorted by Effective Weight

Question	Eff Wt	SME
Distance to airspace supporting (mission type) operations	14.82%	2
Distance to drop/landing zones supporting (mission type) operations	14.82%	1
Does range complex support (mission type) training	14.30%	3
Can drop/landing zones support installation (mission type) operations	7.70%	5
Prevailing installation weather conditions	5.75%	
ATC restrictions to operations	4.70%	4
Can pavements support (mission type) operations	4.50%	10
Ramp area and serviceability	4.50%	
Airfield elevation	3.71%	
Distance to low level routes supporting (mission type) operations	3.71%	7
Sufficient munitions storage to support (mission type) operations	2.70%	
Runway dimension and serviceability	2.70%	
Ability to support large-scale mobility deployments	2.64%	
Sufficient explosives-sited parking spots for (mission type) operations	2.16%	
Buildable acres to support industrial operations growth	1.96%	
Buildable acres to support air operations mission growth	1.96%	
Fuel dispensing rate to support mobility and surge operations	1.76%	
Attainment status/emission budget growth allowance	1.68%	
Level of mission encroachment	1.44%	9
Area cost factor	1.25%	
BAH rate	0.88%	
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Mission	55.35%
Runways/Pavement	14.34%
Airfield Environment	14.16%
Munitions	4.86%
Infrastructure	3.92%
Encroachment	3.12%
Location Factors	2.50%





# SOF/CSAR MCI

#	Question	Nominal	Effective	Attribute	A. Wt.	Criteria	C. Wt.
1243	Airfield elevation	10%	3.71%	Geo-locational		1	
1245	Distance to airspace supporting (mission type) operations	40%	14.82%	Geo-locational	78.00%	1	
1248	Distance to drop/landing zones supporting (mission type) operations	40%	14.82%	Geo-locational		1	47.50%
1246	Distance to low level routes supporting (mission type) operations.	10%	3.71%	Geo-locational		1	
1242	ATC restrictions to operations	45%	4.70%	Ops. Env.		1	
1271	Prevailing installation weather conditions	55%	5.75%	Ops. Env.	22.00%	1	
1207	Level of mission encroachment	8%	1.44%	KMI		2	
1232	Does the installation have sufficient parking spots sited to load and arm weapons for (mission type) operations?	12%	2.16%	KMI		2	
1233	Does the installation have sufficient munitions storage to support (mission type) operations?	15%	2.70%	KMI	45.00%	2	
1235	Can installation pavements support (mission type) ops?	25%	4.50%	KMI		2	40.00%
8	Ramp area and serviceability	25%	4.50%	KMI		2	
9	Runway dimension and serviceability	15%	2.70%	KMI		2	
1249	Can drop/landing zones support installation (mission type) operations?	35%	7.70%	Ops. Areas		2	
1266	Does the range complex support (mission type) training?	65%	14.30%	Ops. Areas	55.00%	2	
213	Attainment Status/Emission budget growth allowance	30%	1.68%	Growth		3	
1205.1	Buildable acres to support industrial operations growth	35%	1.96%	Growth	56.00%	3	
1205.2	Buildable acres to support air operations mission growth	35%	1.96%	Growth		3	10.00%
1214	Fuel dispensing rate to support mobility and surge operations	40%	1.76%	Mobility/Surge	44.00%	3	
1241	Installation ability to support large-scale mobility deployments	60%	2.64%	Mobility/Surge		3	
1250	Area cost factor	50%	1.25%	Cost		4	
1269	Utilities cost rating (U3C)	5%	0.13%	Cost		4	
1402	BAH rate	35%	0.88%	Cost	100.00%	4	2.50%
1403	GS locality pay	10%	0.25%	Cost		4	



# UAV/UCAS MCI

## Sorted by Effective Weight

Question	Eff Wt	SME
Distance to airspace supporting (mission type) operations	14.25%	4
Does range complex support (mission type) training	10.00%	5
Crosswind conditions	9.98%	
Frequency spectrum access	8.31%	2
ATC restrictions to operations	8.31%	3
Prevailing weather conditions	6.65%	7
Sufficient munitions storage to support (mission type) operations?	6.00%	10
Runway dimension and serviceability	6.00%	6
Can pavements support (mission type) ops?	6.00%	8
Sufficient explosives sited parking spots for (mission type) operations	6.00%	9
Ramp area and serviceability	4.50%	
Buildable acres to support industrial operations growth	3.50%	
Ability to support large-scale mobility deployments	3.00%	
Buildable acres to support air operations mission growth	2.80%	
Level of mission encroachment	1.50%	
Area cost factor	1.25%	
BAH rate	0.88%	
Attainment Status/Emission budget growth allowance	0.70%	
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Mission	32.56%
Airfield Environment	24.94%
Runways/Pavement	19.50%
Munitions	12.00%
Infrastructure	6.30%
Location Factors	2.50%
Encroachment	2.20%



# UAV/UCAS MCI

#	Question	Nominal	Effective	Attribute	A. Wt.	Criteria	C. Wt.
1245	Distance to airspace supporting (mission type) operations	100%	14.25%	Geo-locational	30.00%	1	47.50%
1242	ATC restrictions to operations	25%	8.31%	Ops. Env.	70.00%	1	
1251	Frequency spectrum access	25%	8.31%	Ops. Env.		1	
1271	Prevailing weather conditions	20%	6.65%	Ops. Env.		1	
1272	Installation crosswind conditions	30%	9.98%	Ops. Env.		1	
1207	Level of mission encroachment	5%	1.50%	KMI		2	
1232	Sufficient explosives sited parking spots for (mission type) operations	20%	6.00%	KMI		2	
1233	Sufficient munitions storage to support (mission type) operations?	20%	6.00%	KMI	75.00%	2	40.00%
1235	Can pavements support (mission type) ops?	20%	6.00%	KMI		2	
8	Ramp area and serviceability	15%	4.50%	KMI		2	
9	Runway dimension and serviceability	20%	6.00%	KMI		2	
1266	Does range complex support (mission type) training?	100%	10.00%	Ops. Areas	25.00%	2	
213	Attainment status/emission budget growth allowance	10%	0.70%	Growth	70.00%	3	10.00%
1205	Buildable acres to support industrial operations growth	50%	3.50%	Growth		3	
1205	Buildable acres to support air operations mission growth	40%	2.80%	Growth		3	
1241	Ability to support large-scale mobility deployments	100%	3.00%	Mobility/Surge	30.00%	3	
1250	Area cost factor	50%	1.25%	Cost	100.00%	4	2.50%
1269	Utilities cost rating (U3C)	5%	0.13%	Cost		4	
1402	BAH rate	35%	0.88%	Cost		4	
1403	GS locality pay	10%	0.25%	Cost		4	



# Space MCI

## Sorted by Effective Weight

Question	Effective	SME
Buildable acres (force protection)	28.00%	1
Distance to nearest city > 100,000	16.63%	2
Line-of-sight encroachment	14.25%	3
Bandwidth to support space operations	12.00%	4
Spectrum Access	9.50%	5
Buildable acres to support industrial operations growth	6.00%	6
Population density impact on USAF mission	7.13%	7
Attainment status/emission budget growth allowance	3.00%	10
Area cost factor	1.25%	8
Available installation bandwidth	1.00%	
BAH rate	0.88%	9
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Mission	70.88%
Encroachment	19.63%
Infrastructure	7.00%
Location Factors	2.50%





# Space MCI

#	Question	Nominal	Effective	Attribute	Atr Wt	Criteria	Crit Wt
1226	Population density impact on USAF mission	30%	7.13%	Geo-locational		1	
1412	Distance to nearest city > 100,000	70%	16.63%	Geo-locational	50.00%	1	
1210	Line-of-sight encroachment	60%	14.25%	Ops. Env.		1	47.50%
1251	Spectrum Access	40%	9.50%	Ops. Env.	50.00%	1	
27	Bandwidth to support space operations	30%	12.00%	KMI		2	
30	Buildable acres (space AT/FP buffer)	70%	28.00%	KMI	100.00%	2	40.00%
1205	Buildable acres--industrial operations growth	60%	6.00%	Growth		3	
1211	Available installation bandwidth	10%	1.00%	Growth	100.00%	3	10.00%
213	Attainment status/emission budget growth allowance	30%	3.00%	Growth		3	
1250	Area cost factor	50%	1.25%	Cost		4	
1269	Utilities cost rating (U3C)	5%	0.13%	Cost	100.00%	4	2.50%
1402	BAH rate	35%	0.88%	Cost		4	
1403	GS locality pay	10%	0.25%	Cost		4	



# Space MCI No Bandwidth

#	Question	Nominal	Effective	Attribute	A. Wt.	Criteria	C. Wt.
1226	Population density impact on USAF mission	30%	7.13%	Geo-locational		1	
1412	Distance to nearest city >= 100,000	70%	16.63%	Geo-locational	50.00%	1	
1210	Line-of-sight encroachment	60%	14.25%	Ops. Env.		1	47.50%
1251	Spectrum Access	40%	9.50%	Ops. Env.	50.00%	1	
27	Bandwidth to support space operations	30%	12.00%	KMI		2	
30	Buildable acres (force protection)	70%	28.00%	KMI	100.00%	2	40.00%
1205.1	Buildable acres to support industrial operations growth	65%	6.50%	Growth	100.00%	3	10.00%
213	Attainment Status/Emission budget growth allowance	35%	3.50%	Growth		3	
1250	Area cost factor	50%	1.25%	Cost		4	
1269	Utilities cost rating (U3C)	5%	0.13%	Cost	100.00%	4	2.50%
1402	BAH rate	35%	0.88%	Cost		4	
1403	GS locality pay	10%	0.25%	Cost		4	

Question	Effective	SME
Buildable acres (force protection)	28.00%	1
Distance to nearest city > 100,000	16.63%	2
Line-of-sight encroachment	14.25%	3
Bandwidth to support space operations	12.00%	4
Spectrum Access	9.50%	5
Buildable acres to support industrial operations growth	6.50%	6
Population density impact on USAF mission	7.13%	7
Attainment status/emission budget growth allowance	3.50%	10
Area cost factor	1.25%	8
BAH rate	0.88%	9
GS locality pay	0.25%	
Utilities cost rating (U3C)	0.13%	

Key	Total
Mission	70.88%
Encroachment	20.13%
Infrastructure	6.50%
Location Factors	2.50%



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# Agenda, 24 Aug



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# Back-ups

