



OFFICE OF THE ASSISTANT SECRETARY

SEP 20 2004

MEMORANDUM FOR RECORD

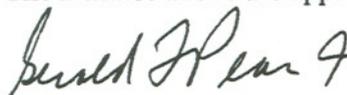
SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Mtg, 26 Aug 2004.

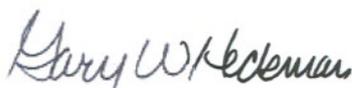
Maj Gen Heckman called the meeting to order at 1230, the Pentagon, Room 5C279. The meeting was informational regarding the Phase II Capacity Analysis brief from AFSPC. Additionally the BCEG held a short deliberative session. Attendance is at Atch 1.

The AFSPC brief was provided by Brig Gen Ted Mercer (Slides 1-40). Emphasis was on Cheyenne Mountain as an imperative. In a short deliberative session Maj Gen Heckman discussed the ISG notional scenarios. The next BCEG meeting is scheduled for August 27, 2004 at 0830 in Pentagon Room 5C279. The meeting concluded at 1420.

SAF/GCN
BCEG Recorder

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: 26 AUG 04

Chairs

- Mr. Fred Pease
- Maj Gen Gary Heckman

**Voting members are underlined

Primary Members

- BG William Holland
- Brig Gen Hanferd Moen
- Brig Gen Tony Haynes
- Mr. Fred Kuhn
- Ms Kathy Ferguson
- Mr. Matt Mleziva
- Mr. [unclear]
- [unclear]
- [unclear]
- Ms. Maureen Koolz

Alternate Members

- Brig Gen Mike Lynch
- Brig Gen Ethridge
- BG Butler
- [unclear]
- Ms Cathy Sparks
- [unclear]
- [unclear]
- [unclear]
- Brig Gen [unclear]
- Mr. Vance Lindberg

Representatives

- _____
- _____
- _____
- _____
- Mr. Aimmune
- _____
- _____
- _____
- _____
- _____

* Temporary appointment

Others

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Brig Gen Mercer
Brig Gen [unclear]
Brig Gen [unclear]
Brig Gen [unclear]
Brig Gen [unclear]
Brig Gen [unclear]

Air Force Space Command

Integrity - Service - Excellence

Phase II Capacity Analysis



Brigadier General Ted Mercer

**Director of Plans and Programs
Headquarters Air Force Space Command**

U.S. AIR FORCE

26 August 2004



Overview

- **AFSPC Considerations**
- **Installations' Slides**
 - **Overview**
 - **Growth Capacity**
 - **Post 2011 changes**
 - **Natural Infrastructure**
- **AFSPC Summary**



AFSPC Considerations

- **AFSPC specific issues**
 - Locations of future missions in this brief are notional
 - “Base Overview” slides: “Additions” only address mission adds, not support facilities
 - Tenant flying missions parking requirements are included in this brief
- **Functional, organizational changes**
 - Planning no changes that would impact manpower authorizations or locations



Peterson AFB Overview

- **Host: 21st Space Wing**
 - **Assigned Missions: Provide combat capability through missile warning and space control**
 - **Major Tenants: HQ NORAD, HQ USNORTHCOM, HQ AFSPC, SMDC/ARSTRAT and 302^d Airlift Wing (AFRC)**
 - **Additions to 2011: None ***
 - **Additions to 2025: None**
- * Current Army planning effort to expand ARSTRAT**



Peterson AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	278	261
Single largest contiguous buildable piece	29	TBD
Aircraft O&M (flight line)	35	TBD

- Precluding Factors: None
- Constraints: None



Peterson AFB Tenant Flying Units

Tenant Flying Unit	Type AC	# PAA	# Parking Spaces Used
AFRC Airlift Squadron	C-130	12	15
AMC Airlift Flight	C-21	6	10*
ANG Airlift Flight	C-21	2	2
USAFA Training Flight	UV-18	3	3
Civil Air Patrol	C/TR-182	2	2
Total Available Aircraft Parking Area (C-130)			32
Unused Aircraft Parking Area (C-130)			0

* 6 currently, 4 more by Jun 05



Peterson AFB Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Conformity Determination; Title V Permit modification	0.06
AICUZ	N/A	No AICUZ (FAA Part 150 - no impacts)	0
Surface Land Access	Y		0
Water Access	Y		0
Water Discharge	A	Minor permit modifications	0.01
Planning	A	Environmental Assessment	0.05
Natural Infrastructure Capacity Cost for one unit:			0.12
Natural Infrastructure Capacity Cost for second unit:			0.12
Total Natural Infrastructure Capacity Cost for both units:			0.24



Cheyenne Mtn AFS Overview

- **Host: 721st Mission Support Group**
- **Assigned Missions: Operate, maintain, secure, sustain, mobilize, test and control the worldwide warning and surveillance system for North America, normally referred to as the Integrated Tactical Warning and Attack Assessment (ITW/AA) weapon system.**
- **Major Tenants: NORAD/USNORTHCOM Command Center**
- **Additions to 2011: None**
- **Additions to 2025: None**



Cheyenne Mtn AFS Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	6	3
Single largest contiguous buildable piece	6	3
Aircraft O&M (flight line)	N/A	N/A

- Precluding Factors: None

- Constraints: None



Cheyenne Mtn AFS Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Conformity Determination	0.05
AICUZ	N/A	No AICUZ	0
Surface Land Access	Y		0
Water Access	Y		0
Water Discharge	A	Minor permit modifications	0.01
Planning	A	Environmental Assessment	0.05
Natural Infrastructure Capacity Cost for one unit:			0.11
Natural Infrastructure Capacity Cost for second unit:			0.11
Total Natural Infrastructure Capacity Cost for both units:			0.22



Vandenberg AFB Overview

- **Host: 30th Space Wing**
- **Assigned Missions: Provides launch capability for all US satellites destined for near polar orbit and the USAF ICBM FOT&E launch program**
- **Major Tenants: HQ Fourteenth Air Force, 381st Training Group (AETC), National Reconnaissance Office, Missile Defense Agency**



Vandenberg AFB Overview (cont.)

- **Additions to 2011: Initial Qualification Training to support Transformational Communications and Orbital Deep Space Imager**
- **Additions to 2025: Common Aerospace Vehicle, Operationally Responsive Spacelift and Initial Qualification Training to support Space Based Radar**



Vandenberg AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	3,937	3,933
Single largest contiguous buildable piece	26	TBD
Aircraft O&M (flight line)	1,129	TBD

- Precluding Factors: None
- Constraints: None



Vandenberg AFB Tenant Flying Units

Tenant Flying Unit	Type AC	# PAA	# Parking Spaces Used
None	0	0	0
Total Available Aircraft Parking Area (C-130)			12
Unused Aircraft Parking Area (C-130)			12



Vandenberg AFB Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Conformity Determination, permits	0.06
AICUZ	Y		0
Surface Land Access	Y		0
Water Access	Y		0
Water Discharge	A	Minor permit modifications	0.01
Planning	A	Environmental Assessment	0.05
Natural Infrastructure Capacity Cost for one unit:			0.12
Natural Infrastructure Capacity Cost for second unit:			0.12
Total Natural Infrastructure Capacity Cost for both units:			0.24



Patrick AFB Overview

- Host: 45th Space Wing
- Assigned Missions: Provide combat capability through Eastern Range, launch and expeditionary operations
- Major Tenants: Air Force Technical Application Center, 920th Rescue Wing (AFRC), Department of State/Air Wing, NASA
- Additions to 2011: None
- Additions to 2025: Operationally Responsive Spacelift (at Cape Canaveral)



Patrick AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	67	56
Single largest contiguous buildable piece	15	TBD
Aircraft O&M (flight line)	20	TBD

- Precluding Factors: None

- Constraints: None



Patrick AFB Tenant Flying Units

Tenant Flying Unit	Type AC	# PAA	# Parking Spaces Used
AFRC Rescue Squadron	HC-130N/P	5	6
AFRC Rescue Squadron	HH-60G	8	9
DOS Air Wing	C-27	1	1
DOS Air Wing	OV-10	4	4
DOS Air Wing	C-208	1	1
DOS Air Wing	UH-1	2	2
Total Available Aircraft Parking Area (C-130)			37
Unused Aircraft Parking Area (C-130)			1



Patrick AFB Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Possible Title V Air Operating Permit Modification	0.01
AICUZ	Y		0
Surface Land Access	Y		0
Water Access	Y		0
Water Discharge	A	Minor permit modifications	0.04
Planning	A	Environmental Assessment; Spill Prevention Countermeasures and Control Plan update	0.04
Natural Infrastructure Capacity Cost for one unit:			0.09
Natural Infrastructure Capacity Cost for second unit:			0.09
Total Natural Infrastructure Capacity Cost for both units:			0.18



Schriever AFB Overview

- **Host: 50th Space Wing**
- **Assigned Missions: Provides combat capability through command and control (C2) of communication, navigation, warning and surveillance satellite weapon systems and conduct of expeditionary operations**
- **Major Tenants: Space Warfare Center, Joint National Integration Center**



Schriever AFB Overview (cont.)

- Additions to 2011: Transformational Communications Space Operations Center, Orbital Deep Space Imager Space Operations Center
- Additions to 2025: National Polar-orbiting Operational Environmental Satellite System Back-up, Communications/ Navigation Outage Forecast System Space Operations Center



Schriever AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	3,264	3,200
Single largest contiguous buildable piece	1,170	TBD
Aircraft O&M (flight line)	338	TBD

- Precluding Factors: None
- Constraints: Antenna look angles



Schriever AFB Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Conformity Determination, Title V Permit modification	0.06
AICUZ	N/A	No AICUZ	0
Surface Land Access	Y		0
Water Access	Y		0
Water Discharge	A	Minor permit modifications	0.01
Planning	A	Environmental Assessment	0.05
Natural Infrastructure Capacity Cost for one unit:			0.12
Natural Infrastructure Capacity Cost for second unit:			0.12
Total Natural Infrastructure Capacity Cost for both units:			0.24



Onizuka AFS Overview

- **Host: 21st Space Operations Squadron**
- **Assigned Missions: Provide network operations, specialized communications and base support for a wide spectrum of DoD, allied, civil and commercial systems assuring command and control of space assets to enhance the effectiveness of the warfighter**
- **Major Tenants: Defense Information Systems Agency, National Reconnaissance Office**
- **Additions to 2011: None, NRO departs**
- **Additions to 2025: None**



Onizuka AFS Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	0	0
Single largest contiguous buildable piece	0	0
Aircraft O&M (flight line)	N/A	N/A

- **Precluding Factors: No buildable land**
- **Note: ~ 25K square feet of excess Space Ops/Admin capacity in existing facilities, additional space becomes available as tenant departs**
- **Constraints: Seismic issues, AT/FP issues**



Onizuka AFS Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Conformity Determination	0.05
AICUZ	N/A	No AICUZ	0
Surface Land Access	N/A	No buildable acres	0
Water Access	Y		0
Water Discharge	Y		0
Planning	A	Environmental Assessment	0.05
Natural Infrastructure Capacity Cost for one unit:			0.1
Natural Infrastructure Capacity Cost for second unit:			0.1
Total Natural Infrastructure Capacity Cost for both units:			0.2

Note: Base would propose using 50,000 square feet in an existing and underutilized facility to beddown the proposed, notional requirements; assumes no new construction.



Buckley AFB Overview

- **Host: 460th Space Wing**
- **Assigned Missions: Responsible for all space-based global surveillance and warning capability for the United States Air Force**
- **Major Tenants: Aerospace Data Facility, HQ Colorado ANG, 140th Wing (CO ANG)**
- **Additions to 2011: Army Aviation Support Facility**
- **Additions to 2025: Space Based Radar**



Buckley AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	862	842
Single largest contiguous buildable piece	143	TBD
Aircraft O&M (flight line)	1	TBD

- **Precluding Factors: None**
- **Constraints: None**



Buckley AFB Tenant Flying Units

Tenant Flying Unit	Type AC	# PAA	# Parking Spaces Used
ANG Fighter Squadron	F-16	15	15
Total Available Aircraft Parking Area (F-16)			71
Unused Aircraft Parking Area (F-16)			56



Buckley AFB Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Conformity Determination, Title V Permit modification	0.06
AICUZ	A	Siting within noise contours; mitigate with insulation (sound attenuation) during construction	0
Surface Land Access	A	Potential historic site; mitigate with recordation	0.1
Water Access	A	Limited potable water storage capacity; mitigate by constructing more potable water storage	1.5
Water Discharge	A	Minor permit modifications	0.01
Planning	A	Environmental Assessment; Stormwater Pollution Prevention Plan Update	0.04
Natural Infrastructure Capacity Cost for one unit:			1.71
Natural Infrastructure Capacity Cost for second unit:			1.71
Total Natural Infrastructure Capacity Cost for both units:			3.42



Los Angeles AFB Overview

- Host: 61st Air Base Group
- Assigned Mission: Provide effective and efficient base operating support to improve wartime readiness and the quality of life of LAAFB customers.
- Major Tenants: Space and Missile Systems Center (SMC)
- Additions to 2011: None
- Additions to 2025: None



Los Angeles AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	0	0
Single largest contiguous buildable piece	0	0
Aircraft O&M (flight line)	N/A	N/A

- Precluding Factors: No buildable land
- Constraints: None



DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY
NOT RELEASABLE UNDER FOIA

Los Angeles AFB Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Conformity Determination	0.05
AICUZ	N/A	No AICUZ	0
Surface Land Access	N/A	No buildable acres	0
Water Access	Y		0
Water Discharge	Y		0
Planning	A	Environmental Assessment	0.05
Natural Infrastructure Capacity Cost for one unit:			0.1
Natural Infrastructure Capacity Cost for second unit:			0.1
Total Natural Infrastructure Capacity Cost for both units:			0.2

AFSPC/XP 26 Aug 04

Integrity - Service - Excellence

33

**THIS SLIDE
WAS REMOVED**

**THIS SLIDE
WAS REMOVED**



DRAFT DELIBERATIVE DOCUMENT - FOR DISCUSSION PURPOSES ONLY
NOT RELEASABLE UNDER FOIA

FE Warren AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	688	665
Single largest contiguous buildable piece	45	TBD
Aircraft O&M (flight line)	38	TBD
North base old range, FY04 & 06 projects to clear UXOs		

- Precluding Factors: None
- Constraints: None



FE Warren AFB Overview

- Host: 90th Space Wing
- Assigned Missions: Operates 150 Minuteman III and < 50 Peacekeeper ICBMs on full alert 24 hours a day, 365 days a year
- Major Tenants: HQ Twentieth Air Force
- Additions to 2011: None
- Additions to 2025: Land Based Strategic Deterrent



FE Warren AFB Growth Capacity

Acres of Buildable Land	30 Sep 03	30 Sep 11
Total available	688	665
Single largest contiguous buildable piece	45	TBD
Aircraft O&M (flight line)	38	TBD
North base old range, FY04 & 06 projects to clear UXOs		

- Precluding Factors: None
- Constraints: None



FE Warren AFB Natural Infrastructure

Natural Infrastructure	Exists (Y), Added (A), Precluding Factor (N)	Steps required to add capacity or reasons for precluding factor	Cost (\$M)
Capacity Requirements to add: 25,000 sq ft Space ops facility, 140 personnel			
Air	A	Title V Permit modification	0.01
AICUZ	N/A	No AICUZ	0
Surface Land Access	A	Environmental Restoration Site remediation; Hot Cargo pad relocation (project already programmed for FY05 execution)	0.1
Water Access	Y		0
Water Discharge	A	Minor permit modifications	0.01
Planning	A	Environmental Assessment	0.03
Natural Infrastructure Capacity Cost for one unit:			0.15
Natural Infrastructure Capacity Cost for second unit:			0.15
Total Natural Infrastructure Capacity Cost for both units:			0.3



AFSPC Summary

Base	Sep 2003 Buildable acres			Sep 2011 Total Buildable Acres	Excess A/C Parking	Precluding Factors/ Constraints
	Total	Aircraft	Largest			
Peterson AFB	278	35	29	261	0 C-130s	None/None
Cheyenne Mt AFS	6	N/A	6	3	N/A	None/None
Vandenberg AFB	3,937	1,129	26	3,933	12 C-130s	None/None
Patrick AFB	67	20	15	56	1 C-130	None/None
Schriever AFB	3,264	338	1,170	3,200	N/A	None/Antenna look angles
Onizuka AFS	0	N/A	0	0	N/A	No buildable land/Seismic Issues/ AT/FP Issues
Buckley AFB	862	1	143	842	56 F-16s	None/None
Los Angeles AFB	0	N/A	0	0	N/A	No buildable land/None
Malmstrom AFB	729	202	471	716	N/A	None/None
FE Warren AFB	688	38	45	665	N/A	None/None