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

DCN: 6227



OFFICE OF THE ASSISTANT SECRETARY

22 OCT 2004

MEMORANDUM FOR RECORD

SUBJECT: Minutes of Air Force Base Closure Executive Group (AF/BCEG) Mtg, 30 Sep 2004.

Mr Pease called the meeting to order at 0830, the Pentagon, Room 5C279. The meeting was categorized as informational. Attendance is at Atch 1. Mr Pease reviewed the BCEG schedules (Slides 3-4). updated the data call status (Slide 5).

briefed the Intelligence JCSG Scenario Proposals (Slides 7-10) for information. briefed Headquarters Support Activity (HAS) Scenario Proposals (Slides 12-27) for information. The Education and Training JCSG Scenario Proposals were briefed for information by (Slides 29-38). presented Airborne Laser Basing Requirements (Slides 40-45) for information. briefed Unmanned Combat Aviation Systems (Slides 47-53) for information. briefed F-35 Joint Strike Fighter mission and bed-down requirements (Slides 55-67) for information.

Mr Pease reviewed the Analysis Tools (Slides 68-72) for information. Following his concluding remarks the meeting concluded at 1210. The next BCEG meeting is scheduled for Oct 6, 2004 at 0830 in Pentagon Room 5C279.

SAF/GCN  
BCEG Recorder

The minutes above are approved.

Handwritten signature of Gerald F. Pease, Jr.

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

Handwritten signature of Gary W. Heckman.

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

Attachments:  
As Stated

Base Closure Executive Group Attendance

Date: 30 Sep 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 checked="" type="checkbox"/> <u>Brig Gen Ethridge</u> | <input type="checkbox"/> _____            |
| <input type="checkbox"/> <u>Brig Gen Tony Haynes</u>             | <input checked="" type="checkbox"/> <u>BG Butler</u>         | <input type="checkbox"/> _____            |
| <input checked="" type="checkbox"/> <u>Mr. Fred Kuhn</u>         | <input type="checkbox"/> Col Karen Kohlhaas                  | <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"/> Mr. Matt Mleziva             | <input type="checkbox"/> _____                               | <input type="checkbox"/> _____            |
| <input checked="" type="checkbox"/> _____                        | <input checked="" type="checkbox"/> _____                    | <input type="checkbox"/> _____            |
| <input checked="" type="checkbox"/> Mr. Jay Jordan               | <input type="checkbox"/> Mr. Steve Connair                   | <input type="checkbox"/> _____            |
| <input type="checkbox"/> Mr. William Kelly                       | <input type="checkbox"/> Brig Gen William Ard                | <input checked="" type="checkbox"/> _____ |
| <input checked="" type="checkbox"/> Ms. Maureen Koetz            | <input type="checkbox"/> _____                               | <input type="checkbox"/> _____            |

\* Temporary appointment

Others

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# Headquarters U.S. Air Force

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## BCEG



30 Sep 04

U.S. AIR FORCE



## Agenda 30 Sep 04

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

0845-0900 **Intelligence JCSG Update** *Mr. Ken Dumm*

0900-0945 **H, S, and A JCSG Update**

-- Break --

1000-1030 **Edu and Tng JCSG Update**

1030-1050 **Future Systems: ABL**

1050-1110 **Future Systems: JUCAS**

-- Break --

1125-1145 **Future Systems: F-35**

1145-1215 **Analysis Tools** *Mr. Pease*

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# BCEG Schedule September

September BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
<ul style="list-style-type: none"> <li>2025 Force (AF/XPX)</li> <li>MCI Re-attacks</li> <li>JCSG scenarios (AF)</li> </ul>				BCEG 0830-1300		<ul style="list-style-type: none"> <li>JCSG scenarios (AF)</li> <li>CORONA brief</li> <li>Initial scenario discussions</li> </ul>
			8	9		
<ul style="list-style-type: none"> <li>AFSAA rules / assumptions</li> <li>Initial capacity analysis</li> <li>HLD brief</li> <li>Scenario discussions (cont'd)</li> </ul>		BCEG 0830-1300		BCEG 0830-1300	ISG 1030-1200	
			15	16		
	BCEG (T) 0830-1300	BCEG 0830-1300		BCEG 0830-1300		<ul style="list-style-type: none"> <li>Scenario discussions (cont'd)</li> <li>AFSAA cueing tool (operation)</li> </ul>
			22	23		
<ul style="list-style-type: none"> <li>Scenario discussions</li> <li>JCSG: AF Principal's Recap</li> <li>AF Principles and Imperatives</li> </ul>		BCEG 0830-1300		BCEG 0830-1300	ISG 1030-1200	<ul style="list-style-type: none"> <li>JCSG Scenario Briefings</li> <li>Range metrics</li> <li>AF Ps and Is</li> <li>Scenario Discussions</li> <li>Transformational Options</li> </ul>
			26	-- CORONA --		
<ul style="list-style-type: none"> <li>JCSG Update Briefs</li> <li>Future systems</li> <li>AFSAA (D)</li> </ul>						<ul style="list-style-type: none"> <li>JCSG Update Briefs</li> <li>Future systems</li> <li>Analysis Tools</li> </ul>

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# BCEG Schedule Oct 04-Jan 05

Oct BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					ISG 1030-1200	1
					ISG 1030-1200	2
					ISG 1030-1200	3
					ISG 1030-1200	4
					ISG 1030-1200	5
					ISG 1030-1200	6
					ISG 1030-1200	7
					ISG 1030-1200	8
					ISG 1030-1200	9
					ISG 1030-1200	10
					ISG 1030-1200	11
					ISG 1030-1200	12
					ISG 1030-1200	13
					ISG 1030-1200	14
					ISG 1030-1200	15
					ISG 1030-1200	16
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					ISG 1030-1200	18
					ISG 1030-1200	19
					ISG 1030-1200	20
					ISG 1030-1200	21
					ISG 1030-1200	22
					ISG 1030-1200	23
					ISG 1030-1200	24
					ISG 1030-1200	25
					ISG 1030-1200	26
					ISG 1030-1200	27
					ISG 1030-1200	28
					ISG 1030-1200	29
					ISG 1030-1200	30
					ISG 1030-1200	31

Nov BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					ISG 1030-1200	1
					ISG 1030-1200	2
					ISG 1030-1200	3
					ISG 1030-1200	4
					ISG 1030-1200	5
					ISG 1030-1200	6
					ISG 1030-1200	7
					ISG 1030-1200	8
					ISG 1030-1200	9
					ISG 1030-1200	10
					ISG 1030-1200	11
					ISG 1030-1200	12
					ISG 1030-1200	13
					ISG 1030-1200	14
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					ISG 1030-1200	23
					ISG 1030-1200	24
					ISG 1030-1200	25
					ISG 1030-1200	26
					ISG 1030-1200	27
					ISG 1030-1200	28
					ISG 1030-1200	29
					ISG 1030-1200	30
					ISG 1030-1200	31

Dec BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					ISG 1030-1200	1
					ISG 1030-1200	2
					ISG 1030-1200	3
					ISG 1030-1200	4
					ISG 1030-1200	5
					ISG 1030-1200	6
					ISG 1030-1200	7
					ISG 1030-1200	8
					ISG 1030-1200	9
					ISG 1030-1200	10
					ISG 1030-1200	11
					ISG 1030-1200	12
					ISG 1030-1200	13
					ISG 1030-1200	14
					ISG 1030-1200	15
					ISG 1030-1200	16
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					ISG 1030-1200	25
					ISG 1030-1200	26
					ISG 1030-1200	27
					ISG 1030-1200	28
					ISG 1030-1200	29
					ISG 1030-1200	30
					ISG 1030-1200	31

Jan BCEG Meetings						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
						2
						3
						4
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						11
						12
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						30
						31

As of: 1 Sep 04

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## Data Calls (as of 30 Sep)

- All Data Calls at HAF-level
  - 3,610 approval actions remaining; status by 2-Ltr

Org	Last Meeting	Today	Reduction
IL	6105	1262	-79%
SG	720	207	-71%
XO	1641	1055	-36%
AQ	1108	1076	-3%
ANG	128	4	-97%
FM	2	2	0
IE	4	4	0

- 93% complete (3,610/51,281)
- DC #1 RFC:
  - IL: 2 questions 3 bases



## Agenda 30 Sep 04

0830-0845	Opening Business	Co-chairs
0845-0900	Intelligence JCSG Update	Mr. Ken Dumm
0900-0945	H, S, and A JCSG Update	" "
-- Break --		
1000-1030	Edu and Tng JCSG Update	
1030-1050	Future Systems: ABL	
1050-1110	Future Systems: JUCAS	
-- Break --		
1125-1145	Future Systems: F-35	
1145-1215	Analysis Tools	Mr. Pease

## **Headquarters U.S. Air Force**

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# **Intelligence JCSG Initial Scenario Proposal Update to BCEG**



**30 Sep 04**

**U.S. AIR FORCE**



## **Intel JCSG Scenario Proposals Overview**

- **Intelligence JCSG scenario proposals – 3 to present**
- **What help we need from the BCEG**

**THIS SLIDE  
WAS REMOVED**



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## **Intelligence JCSG Scenario Proposals What Help We Need From the BCEG**

- **No issues at this time for these scenarios**



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# Agenda 30 Sep 04

0830-0845	<b>Opening Business</b>	<i>Co-chairs</i>
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1030-1050	<b>Future Systems: ABL</b>	
1050-1110	<b>Future Systems: JUCAS</b>	
<i>-- Break --</i>		
1125-1145	<b>Future Systems: F-35</b>	
1145-1215	<b>Analysis Tools</b>	<i>Mr. Pease</i>

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## Headquarters U.S. Air Force

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# HSA JCSG Initial Scenario Proposal Update to BCEG



30 Sep 04

**U.S. AIR FORCE**



# HSA JCSG Scenario Proposals

## Overview

- HSA JCSG Scenario Proposals – 21 to Present
  - Will discuss those that relate to the Air Force
  
- What Help We Need From the BCEG?



# HSA JCSG Scenario Proposal

## Establish Joint Base Bragg-Pope

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>▪ Establish Joint Base Bragg-Pope by consolidating Ft Bragg and Pope AFB with Army as the executive agent.</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>▪ Principle: Organize.</li> <li>▪ Transformational Option: Consolidate management at installations with shared boundaries.</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>▪ Eliminates redundancy and creates economies of scale.</li> <li>▪ Good potential for personnel and footprint reductions.</li> <li>▪ Military value analysis greater for Ft. Bragg based on predominance and efficiency.</li> <li>▪ Complementary missions: power projection platform/mobility.</li> <li>▪ Consolidation will enhance jointness.</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>▪ Service standards.</li> </ul>



## HSA JCSG Scenario Proposal Establish Joint Bases At ... (Continued)

- Joint Base Lewis-McChord, Army Executive Agent(EA)
- Joint Base McGuire-Dix-Lakehurst, AF EA.
- Joint Base Andrews-Washington, AF EA.
- Joint Base Anacostia-Bolling, Navy EA.
- Joint Base Myer/McNair-Henderson Hall, Army EA.
- Joint Base Elmendorf-Richardson, AF EA.
- Joint Base Pearl Harbor-Hickam, Navy EA.



## HSA JCSG Scenario Proposal Consolidate Lackland AFB, Ft Sam Houston and Randolph AFB

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>▪ Consolidate Lackland AFB, Fort Sam Houston and Randolph AFB with Air Force as single executive agent.</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>▪ Principle: Organize.</li> <li>▪ Transformational Option: Regionalization of Installation Support.</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>▪ Eliminates redundancy of installation management functions and creates economies of scale.</li> <li>▪ Military value analysis greater for Air Force based on predominance and efficiency.</li> <li>▪ Complementary missions</li> <li>▪ Consolidation will enhance jointness.</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>▪ Cultural: Different Service standards</li> </ul>



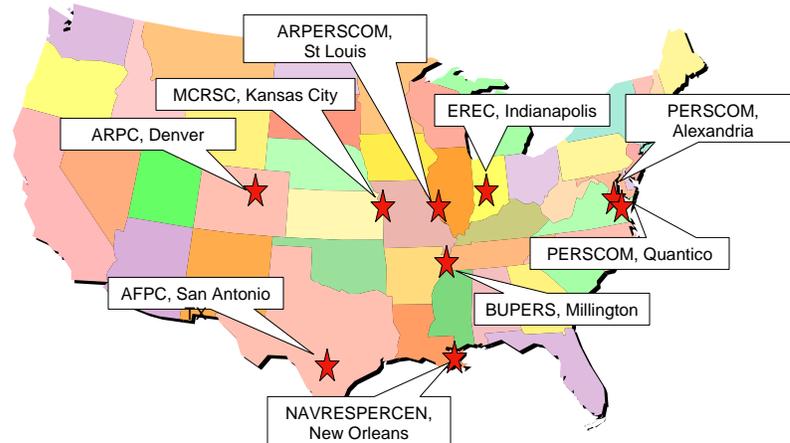
## HSA JCSG Scenario Proposal Consolidate 24 DFAS Sites Into Three

<b>Scenario</b>	<b>Drivers/Assumptions</b>
<ul style="list-style-type: none"> <li>Disestablish 21 Central/Field Operating Sites; consolidate Business Line, Corporate, Administrative functions into Columbus, Denver, Indianapolis               <ul style="list-style-type: none"> <li>3 special purpose locations unchanged: Cleveland Bratenahl, Mechanicsburg, Southbridge.</li> <li>Cleveland contract function – Military Retired &amp; Annuitant Pay -- unchanged pending contract modifications.</li> <li>Liaison office in NCR.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Principle: Organize.</li> <li>Transformational Options:               <ul style="list-style-type: none"> <li>Consolidate DFAS business line workload and administrative/staff functions and locations.</li> <li>Rationalize presence in DC area.</li> <li>Minimize leased space across US.</li> <li>Reduce excess capacity by an additional 5% over capacity analysis figure (estimate is 20%).</li> </ul> </li> </ul>
<b>Justification/Impact</b>	<b>Potential Conflicts</b>
<ul style="list-style-type: none"> <li>Service's unit costs will go down</li> <li>Better Business Practice - Creates business line centers of excellence.</li> <li>Risk Averse – Mitigates risk thru centralized, apportioned operations (each segment may serve as backup).</li> <li>Facilitates DFAS re-engineered organization reflecting 30-35% personnel reduction.</li> <li>Implements merge/co-location personnel reduction (15%).</li> <li>Overall AT/FP enhancement.</li> <li>Reduces footprint admin (42%) warehouse (69%).</li> <li>Creates greater synergy for IT enhancements.</li> </ul>	<ul style="list-style-type: none"> <li>None</li> </ul>

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## Military Personnel Centers



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## HSA JCSG Scenario Proposal Consolidate/Co-locate All Military Personnel Centers at Ft Leavenworth

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>• Realign HRC-leased space in Alexandria VA, Indianapolis IN and St Louis MO, NSA Millington TN, NSA New Orleans LA, MCB Quantico, MCSA-leased space in Kansas City, Randolph AFB TX and Buckley Annex CO by:</li> <li>• Consolidating All Active and Reserve Military Personnel Centers within each Service and,</li> <li>• Co-locating All Service Military Personnel Centers at Ft Leavenworth KS.</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>• Principles: Recruit and Train; QOL; Organize.</li> <li>• Transformational Option: Consolidate Active and Reserve Military Personnel Centers of the same service.</li> <li>• Transformational Option: Collocate Active and/or Reserve MPCs across Military Departments.</li> <li>• Transformational Options:             <ul style="list-style-type: none"> <li>• Minimize leased space US-wide.</li> <li>• Consolidate HQs at single locations.</li> <li>• Eliminate stand-alone HQs.</li> <li>• Rationalize Presence in DC Area.</li> <li>• Collocate functions and HQs in "Joint Campuses."</li> <li>• Expand Guard &amp; Reserve force integration AC.</li> </ul> </li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>• Supports DoD HR goals: Defense Integrated Human Resource System (DIMHRS), Continuum of Service, and increasing Total Force effectiveness.</li> <li>• Improves jointness and Total Force goals.</li> <li>• Ft Leavenworth close to MOBCOM (56 mi) and potential use of CAS3 facilities.</li> <li>• Enabling potential to close 3 HRC-leased sites, NSA Millington, NSA New Orleans, and MCSA Kansas City.</li> <li>• MV: Improves AT/FP and facility condition, decreases locality pay.</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>• Availability of civilian workforce with personnel experience:</li> <li>• Scenario requires ~4,000 civilians for MilPers at "Mega" Center in primarily personnel-related GS-Series (GS-201/203).</li> <li>• Relocates ~8,230 personnel from all Services.</li> <li>• Requires ~1.7 Million Square Feet of space.</li> <li>• Requires excellent airport access and considerable TDY lodging capacity to support multiple simultaneous Promotion Boards.</li> </ul>



## HSA JCSG Scenario Proposal Consolidate/Co-locate Army & Air Force Personnel at Randolph AFB

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>• Realign Army Human Resources Command (HRC) leased space in Alexandria VA, Indianapolis IN and St. Louis MO by Consolidating HRC and Co-locating with Consolidated Air Force Personnel at Randolph AFB TX.</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>• Principles: Recruit and Train; QOL; Organize.</li> <li>• Transformational Option: Consolidate Active and Reserve Military Personnel Centers of the same service.</li> <li>• Transformational Option: Collocate Active and/or Reserve MPCs across Military Departments.</li> <li>• Transformational Options:             <ul style="list-style-type: none"> <li>• Minimize leased space US-wide.</li> <li>• Consolidate HQs.</li> <li>• Eliminate stand-alone HQs at single locations.</li> <li>• Rationalize Presence in DC Area.</li> <li>• Collocate functions and HQs in "Joint Campuses."</li> <li>• Expand Guard &amp; Reserve force integration with AC.</li> </ul> </li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>• Supports DoD HR goals: Defense Integrated Human Resource System (DIMHRS), Continuum of Service, and increasing Total Force effectiveness.</li> <li>• Consolidates all HR Command; co-location at Randolph meets the DoD goal of improving jointness and positions for future study of creating joint DoD personnel centers.</li> <li>• Enabling potential to close 3 HRC-leased sites.</li> <li>• Potential to also co-locate Army and Air Force civilian personnel headquarters functions.</li> <li>• MV: Improves AT/FP, facilities and decreases locality pay.</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>• Availability of adequate civilian workforce with personnel experience:</li> <li>• Currently ~250 civilians performing MilPers functions at AFPC (does not include civilian personnel functions).</li> <li>• Scenario requires an additional ~2,800 civilians in primarily personnel-related GS-Series (GS-201/203) who perform military personnel functions.</li> </ul>



## HSA JCSG Scenario Proposal Consolidate/Co-locate AF Personnel and Recruiting at Randolph AFB

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>Realign Buckley Annex CO by Consolidating the AF Reserve Personnel Center with the AF Personnel Center at Randolph AFB TX.</li> <li>Realign leased space at Warner-Robins AFB GA by Co-locating Air Force Reserve Recruiting Service with Air Force Recruiting Service at Randolph AFB TX.</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>Principles: Recruit and Train; QOL; Organize.</li> <li>Transformational Option: Consolidate Active and Reserve Military Personnel Centers of the same service.</li> <li>Transformational Options:             <ul style="list-style-type: none"> <li>Consolidate HQs at single locations.</li> <li>Eliminate stand-alone HQs.</li> <li>Co-locate Recruiting Commands.</li> <li>Expand Guard &amp; Reserve force integration with AC.</li> </ul> </li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>Supports DoD HR goals: Defense Integrated Human Resource System (DIMHRS), Continuum of Service, and increasing Total Force effectiveness.</li> <li>Co-locates all Air Force Personnel, Recruiting Command and Education &amp; Training Command at one location increasing synergy of the personnel lifecycle system management.</li> <li>MV: Improves AT/FP and facilities and decreases locality pay.</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>Potential change to Air Force Organization/ Reporting Chain (ARPC reports to AFRC).</li> <li>AF/RE Interpretation of 10 USC 10174(c)(1) "... shall assign to Air Force Reserve Command all forces of the AFR stationed in the continental United States."</li> </ul>



## HSA JCSG Scenario Proposal Regionalize Correctional Facilities

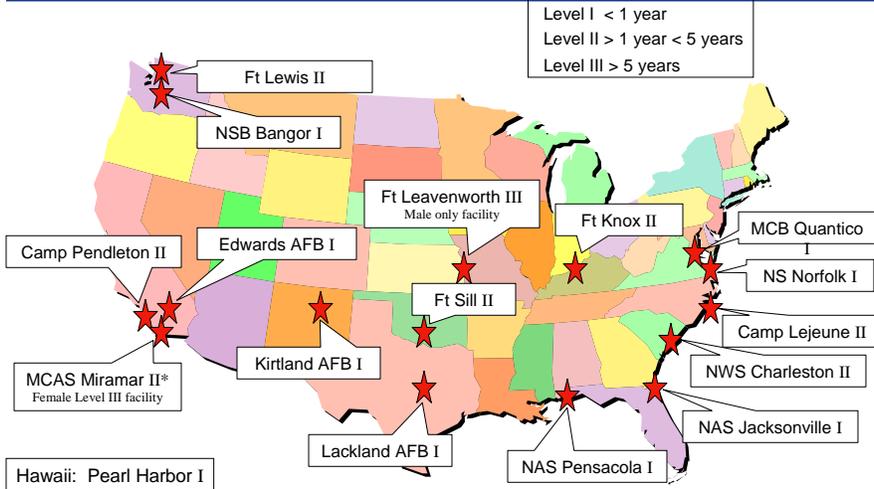
<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>Realign 16 correctional facilities by consolidating into 5 Joint regional correctional facilities, locations: NW-Fort Lewis (II); SW-MCAS Miramar (II); Mid-west-Ft Leavenworth (III); SE-NWS Charleston (II); Mid-Atlantic-(Hampton Roads South) (II).</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>Principle: Organize.</li> <li>Transformational Option: Consolidate correctional facilities.</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>Improves jointness.</li> <li>Footprint reduction of older facilities.</li> <li>Catalyst to creating a DoD correctional system with a single executive agent.</li> <li>Economies of scale through consolidation.</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>Cultural: Fewer DoD-level correctional facilities amongst military departments.</li> <li>DON: Maintain corrections specialty capabilities for contingency requirements.</li> </ul>

**Regional Overview**



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## Correctional Facilities as of September 2003



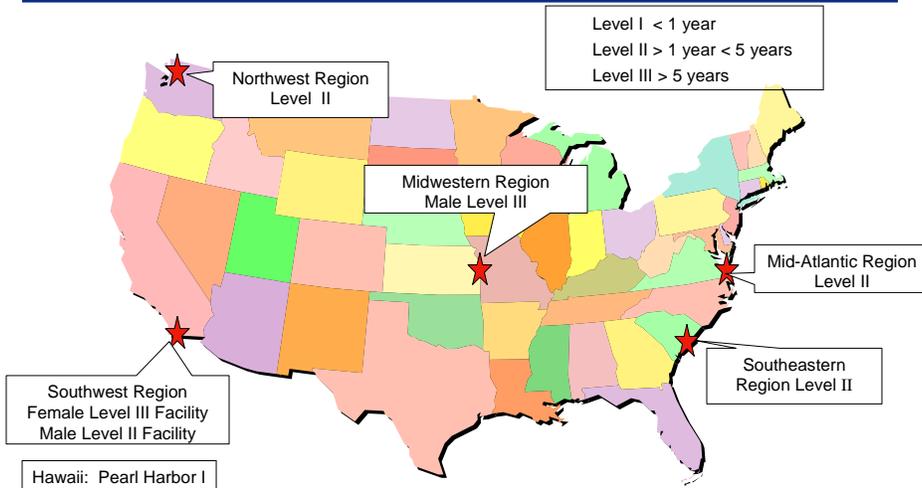
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## Regional Correctional Facilities



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## HSA JCSG Scenario Proposal Create a Single Southwestern Regional Correctional Facility

<p><b>Scenario</b></p> <ul style="list-style-type: none"> <li>Realign MCAS Miramar, Edwards AFB and Camp Pendleton by disestablishing the correctional facilities and relocating the mission to a single level II correctional facility to be located at MCAS Miramar.</li> </ul>	<p><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>Principle: Organize.</li> <li>Transformational Option: Consolidate correctional facilities.</li> </ul>
<p><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>Improves jointness, catalyst to creating a DoD correctional system with a single executive agent.</li> <li>MCAS Miramar (1995)/(320); Edwards AFB (1950)/(14); Kirtland AFB (1950)/(16); Camp Pendleton (1972)/(213).</li> <li>Buildable acres available @ MCAS Miramar.</li> <li>MCAS Miramar remains executive agent for Level III females.</li> </ul>	<p><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>Cultural: Fewer DoD-level correctional facilities amongst military departments.</li> <li>DON: Maintain corrections specialty capabilities for contingency requirements.</li> </ul>



## HSA JCSG Scenario Proposal Create a Single Midwestern Regional Correctional Facility

<p><b>Scenario</b></p> <ul style="list-style-type: none"> <li>Realign Fort Leavenworth, Fort Knox, Fort Sill and Lackland AFB by disestablishing the correctional facilities and relocating the mission to a single level III correctional facility to be located at the USDB, Fort Leavenworth.</li> </ul>	<p><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>Principle: Organize.</li> <li>Transformational Option: Consolidate correctional facilities.</li> </ul>
<p><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>Improves jointness, catalyst to creating a DoD correctional system with a single executive agent.</li> <li>Ft Leavenworth (2001)/(450); Ft Knox (1953)/(156); Ft Sill (1977)/(123); Lackland AFB (1996)/(25).</li> <li>Buildable acres available @ Ft Leavenworth.</li> </ul>	<p><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>Cultural: Fewer DoD-level correctional facilities amongst military departments</li> </ul>



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## HSA JCSG Scenario Proposals

### What Help We Need From the BCEG

- Continued outstanding support from LNO
- Quick turn-around on requests for data

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## Agenda

### 30 Sep 04

0830-0845	<b>Opening Business</b>	<i>Co-chairs</i>
0845-0900	<b>Intelligence JCSG Update</b>	<i>Mr. Ken Dumm</i>
0900-0945	<b>H, S, and A JCSG Update</b>	<i>I</i>
<i>-- Break --</i>		
1000-1030	<b>Edu and Tng JCSG Update</b>	
1030-1050	<b>Future Systems: ABL</b>	
1050-1110	<b>Future Systems: JUCAS</b>	
<i>-- Break --</i>		
1125-1145	<b>Future Systems: F-35</b>	
1145-1215	<b>Analysis Tools</b>	<i>Mr. Pease</i>

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*Education & Training Joint Cross Service Group*

## **E&T JCSG Scenario Proposal Update to BCEG (First Batch)**



*E&T JCSG (PDE Subgroup)  
30 Sep 04*



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## **E&T JCSG Scenario Proposals Overview**

- Privatize PDE function at AFIT and NPS (E&T-0003)
- Establish Joint center of excellence for logistics/supply training (E&T-0004)
- Consolidate rotary wing training (E&T-0006)
- Consolidate rotary wing training (E&T-0007)
- Disestablish and realign T-1 training (E&T-0008)
- Establish western T&E OAR complex (E&T-0009)
- Establish a Joint urban ops training center of excellence (E&T-0010)
- Establish a Gulf panhandle range complex (E&T-0011)



## Privatize PDE Function at AFIT and NPS (E&T-0003)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Disestablish PDE Function at Naval Postgraduate School and Air Force Institute of Technology and privatize.</li> <li>■ Gaining Installation: None</li> <li>■ Losing Installations: Wright-Patterson AFB and NAVPGSCOL Monterey</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>■ Principle: Recruit and Train</li> <li>■ Principle: Organize</li> <li>■ Transformational Options: Privatize Graduate-Level Education</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>■ Eliminates need of education program management at NPS and AFIT</li> <li>■ Realize savings through privatizing education function to civilian colleges &amp; universities</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>■ Military Specific Graduate Degrees</li> <li>■ Military Specific Support Spaces (TS Level Spaces for example)</li> <li>■ Partnership for Peace Program at Monterey, CA</li> <li>■ Cost of Privatization</li> </ul>



## Establish Joint CoE for Log./Sply Tng (E&T-0004)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Establish Joint Center of Excellence for Logistics/Supply; Consolidate like courses and collocate similar schools</li> <li>■ Gaining installation: Fort Lee, VA</li> <li>■ Losing installations: Lackland AFB, TX; Athens, GA, NTTC Meridian, MS; Camp Lejeune, N.C.</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>■ Principles: Organize and Train</li> <li>■ Transformational Options: Establish Centers of Excellence for Joint or Inter-service education and training</li> <li>■ Establish “joint” officer and enlisted specialized skill training (initial skill, skill progression &amp; functional)</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>■ Uses Inter-service Training Review Organization as the baseline</li> <li>■ Eliminates redundancy, leased space/cost</li> <li>■ Train as we fight “jointly”</li> <li>■ Army Logistics Mgmt College &amp; Combined Arms Support Command at Fort Lee</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>■ Unique service training standards and culture</li> </ul>



## Consolidate Rotary Wing Training (E&T-0006)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Consolidate Rotary Wing Phase of Undergraduate Flight Training at Ft Rucker using a single platform</li> <li>■ Gain: Ft Rucker</li> <li>■ Lose: NAS Whiting South</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>■ BRAC guidance to exploit transformational options and reduce base/ infrastructure requirements</li> <li>■ Transformational Option: Exploit RW commonalities</li> <li>■ Joint program would not disrupt current training levels and preserves common skills within current programs</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>■ Reduced cost of aircraft maintenance</li> <li>■ Optimize current asset utilization</li> <li>■ Exploits Joint Opportunity</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>■ Service culture</li> <li>■ Loss of redundancy</li> <li>■ Phase out current UHPT aircraft to single aircraft</li> </ul>



## Consolidate Rotary Wing Training (E&T-0007)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Consolidate Rotary Wing Phase of Undergraduate Flight Training at Whiting using a single platform</li> <li>■ Gain: NAS Whiting North and South and NAS Corpus Christi</li> <li>■ Lose: Ft Rucker and NAS Whiting North (T-34)</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>■ BRAC guidance to exploit transformational options and reduce base/ infrastructure requirements</li> <li>■ Transformational Option: Exploit RW training commonalities</li> <li>■ Joint program would not disrupt current training levels and preserves common skills within current programs</li> <li>■ Corpus can accommodate T-34 program</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>■ Reduced cost of aircraft maintenance</li> <li>■ Optimize current asset utilization</li> <li>■ Exploits Joint Opportunity</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>■ Service culture</li> <li>■ Loss of redundancy</li> <li>■ Phase out current UHPT aircraft to a single aircraft</li> </ul>



## Disestablish and Realign T-1 Training (E&T-0008)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Disestablish and realign Advanced Undergraduate Flight Training (T-1) at Heavy Lift/TACAMO FRS/FTU</li> <li>■ Gain: Little Rock, Altus, Tinker</li> <li>■ Lose: Columbus AFB, Laughlin AFB</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>■ BRAC guidance to exploit transformational options and reduce base/infrastructure requirements</li> <li>■ Transformational Option: Exploit mission commonalities and consolidate Advanced UPT Multi-Engine Jet with FTU training</li> <li>■ Assumes program would not disrupt current training levels and preserves common skills within current programs</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>■ Reduced cost of aircraft maintenance</li> <li>■ Optimize current asset utilization</li> <li>■ Exploits Joint Opportunity</li> <li>■ Quality of life improvement (reduces PCS)</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>■ Service culture</li> <li>■ May constrict Student track/re-track training opportunities</li> <li>■ Loss of redundancy</li> <li>■ Locates Advanced students with operational squadrons (Moody)</li> </ul>



## Establish Western T&E OAR Complex (E&T 0009)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Consolidate T&amp;E capabilities and workload requiring open-air ranges for T&amp;E to a western U.S. complex of ranges for air, sea, land, space, armament/munitions, C4ISR, EW, and CB Defense.</li> <li>■ Gaining Activities: Edwards AFB, China Lake, Pt Mugu, Vandenberg AFB, Nellis AFB, UTTR, DPG, YPG, Ft. Huachuca, WSMR</li> <li>■ Losing Activities: Patuxent River NAS, Eglin AFB, Redstone Arsenal, Ft. Rucker, APG, Ellsworth AFB, Shaw AFB, McConnell AFB, Buckley AFB, Luke AFB, Selfridge ANGB, Tucson IAP AGS, Ft. A.P.Hill, Ft. Belvoir, Ft. Bragg, Ft. Eustis, Ft. Hood, Ft. Knox, Ft. Leonard Wood, and Ft. Sill</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>■ Service management and operation of Complex to ensure coordination and access as needed</li> <li>■ Promotes and supports systems “born joint.”</li> <li>■ Supports “cross-Service utilization” and “joint management” transformation initiatives</li> <li>■ Retain difficult/expensive to replace/unique facilities at existing sites</li> <li>■ Associated technical activities should be collocated</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>■ Eliminates duplication, fosters interoperability of systems, and provides capabilities for T&amp;E of advanced systems, family of systems, system of systems, and weapons.</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>■ Coordination with training range sub-working group and TJCSG required.</li> <li>■ Specialty capabilities outside of Complex may need to be retained for special geographic or climatic features.</li> <li>■ Non-collocation of operational units for operational testing</li> </ul>



# Establish a Joint Urban Ops Tng CoE (E&T-0010)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Establish a Joint Urban Operations Training Center of Excellence at a suitable installation proposed for closure by one of the Services</li> <li>■ Privatize the management, operation and maintenance of the facility (GOCO)</li> <li>■ Provide a “turn key” facility meeting all Service and Joint Urban Operation live training requirements.</li> <li>■ Establish an OSD executive agent to coordinate use and oversee contractor</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>• Transformation Option #40</li> <li>• A suitable site meeting the following criteria will be proposed for closure: <ul style="list-style-type: none"> <li>• Sufficient ground space for maneuver</li> <li>• Restricted airspace</li> <li>• Impact area for live-fire</li> <li>• Runway</li> <li>• Within 100 miles of coastline</li> <li>• Small cantonment area</li> <li>• Minimal encroachment</li> </ul> </li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <p><u>Justification</u></p> <ul style="list-style-type: none"> <li>• Establishes urban ops training center with minimal construction</li> <li>• Supports all Service and joint urban ops training tasks</li> <li>• Provide urban ops training capability without degrading service’s capability</li> </ul> <p><u>Impact</u></p> <ul style="list-style-type: none"> <li>• Full financial savings from closure of selected installation will not be realized</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>• Service intent to fully close selected installation</li> <li>• Installation will be closed from most perspectives – e.g., ability to support missions (other than live urban training), quality of life, military personnel support, etc; however, the installation would remain on DoD books with minimal DoD/Govt staff for oversight and QA/QC of contractor support operations</li> </ul>



# Establish Gulf Panhandle Range Complex (E&T-0011)

<p style="text-align: center;"><b>Scenario</b></p> <ul style="list-style-type: none"> <li>■ Establish a Gulf Panhandle Range Complex incorporating NAS Pensacola, Eglin AFB, Ft. Benning, Ft. Rucker, Moody AFB, Tyndall AFB, Coastal Systems Station Panama City, Gulfport CRTC and associated ground, sea and air maneuver space</li> <li>■ The proposal maintains current Service ownership and command &amp; control of included installations and sites</li> <li>■ The proposal establishes an executive agent for DoD to coordinate joint use of the complex</li> <li>■ This proposal will utilize Camp Shelby ground maneuver space</li> </ul>	<p style="text-align: center;"><b>Drivers/Assumptions</b></p> <ul style="list-style-type: none"> <li>■ Transformational Options #39/40</li> <li>■ Joint training environment with range space sufficient to support: <ul style="list-style-type: none"> <li>■ ESG with live fire capability.</li> <li>■ CSG with live fire capability.</li> <li>■ BCT/UA with live fire capability.</li> <li>■ Joint SOF</li> <li>■ AF Ready Aircrew Program (RAP) tasking</li> </ul> </li> <li>■ Supersedes Sea and Sea-Air Combinations</li> <li>■ Will not disrupt current training or T&amp;E missions</li> <li>■ Will not disrupt current or proposed Rotary Wing training at Ft Rucker</li> </ul>
<p style="text-align: center;"><b>Justification/Impact</b></p> <ul style="list-style-type: none"> <li>■ Supports all Service and Joint training tasks</li> <li>■ Optimizes use of range capacity at all sites</li> <li>■ Expands on existing informal relationship</li> <li>■ Opportunity to achieve OSD T2 common range infrastructure goals</li> <li>■ Opportunity to train in diverse conditions</li> </ul>	<p style="text-align: center;"><b>Potential Conflicts</b></p> <ul style="list-style-type: none"> <li>■ Servicisms (Cultural approach to scheduling/use)</li> <li>■ Mission expansion (T&amp;E).</li> <li>■ Current training missions</li> </ul>



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## Agenda 30 Sep 04

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

0845-0900 **Intelligence JCSG Update** *Mr. Ken Dumm*

0900-0945 **H, S, and A JCSG Update**

-- Break --

1000-1030 **Edu and Tng JCSG Update**

1030-1050 **Future Systems: ABL**

1050-1110 **Future Systems: JUCAS**

-- Break --

1125-1145 **Future Systems: F-35**

1145-1215 **Analysis Tools** *Mr. Pease*

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## Headquarters U.S. Air Force

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# Airborne Laser Basing Requirements



SAF/AQPC

**U.S. AIR FORCE**



- **Proposed squadron of 7 aircraft by FY 17**
  - 1<sup>st</sup> aircraft delivered in FY15 - 2 in each successive year
  - Production schedule based on 2 developmental milestones
    - Successful First Light – Dec 2004
    - Successful Tail 2 CDR – Jul 2009
  - Sortie rate - approximately 36 sorties per month
- **Key criteria and requirements include:**
  - Airfield support for 747 aircraft
  - Base infrastructure/facilities to support squadron operations
  - Analysis of environmental impact on community
  - Proximity to training ranges



- **Physical requirements**
  - Min runway: 10,600 ft long X 150 ft wide
  - Min taxiway width: 75 ft
  - Runway load-bearing strength: max taxi wt of 870,000 lbs
  - Min apron area: 13,950 sq yds per aircraft
  - Facilities to support 7 PMAI squadron – approximately 460 personnel
    - To include maintenance hangers/facilities, operations facilities, flight simulators, POL storage, training facilities, etc



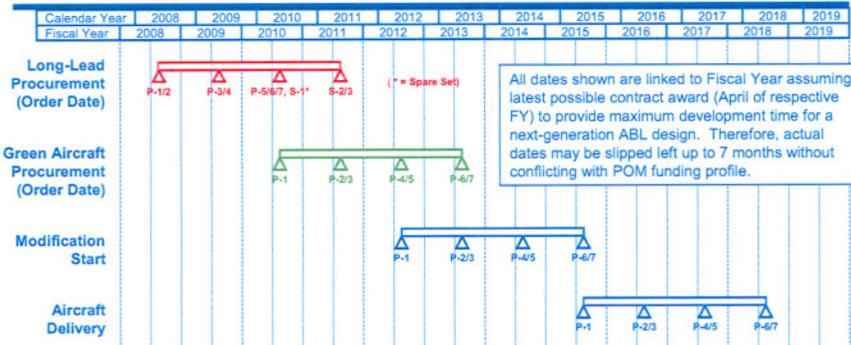
- 
- **Mission compatibility:**
    - Must be compatible for C5/C17 operations
    - Must have sufficient takeoff and climb out corridors for a 747-400 aircraft
  - **Airspace**
    - Training areas (Vandenberg, White Sands, Patrick ranges)
      - Accessible without air refueling - within 3 hours flight time (about 1300 – 1500 NM)



- 
- **Unique facility requirements**
    - **Laser chemical mixing, storage, and disposal facilities**
      - 140 acres construction space
      - 2,000 linear ft tangent to flight line/taxiway
      - 3,000 linear ft parallel to flight line/taxiway
    - **Ground Pressure Recovery Assembly (GPRA)**
      - Approximately 30,000 sq ft – outdoor facility required for testing laser subsystems on the ground
    - **Engine run-up pad**
      - Approximately 50,000 sq ft



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# Headquarters U.S. Air Force

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## J-UCAS



**U.S. AIR FORCE**

**AF/XORC**



## J-UCAS Variants



**X-45C**



**X-47B**

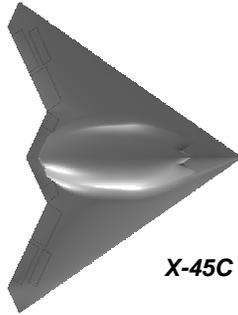
Length	49.7 ft	Length	36.5 ft	Length	38.2 ft
Span	31 ft	Span	47.5 ft	Span	62.1 ft
Wing Area	300 ft <sup>2</sup>	Wing Area	740 ft <sup>2</sup>	Internal Fuel	17,200 lb
Internal Fuel	7,162 lb	Internal Fuel	14,719 lb		

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# J-UCAS Variants



**X-45C**

**Payload = 4500 lbs**  
**Op Weight Empty = 16,820 lbs**  
**Max TOGW = 36,500 lbs**  
**Cruise = 40K/.82 Mach**



**X-47B**

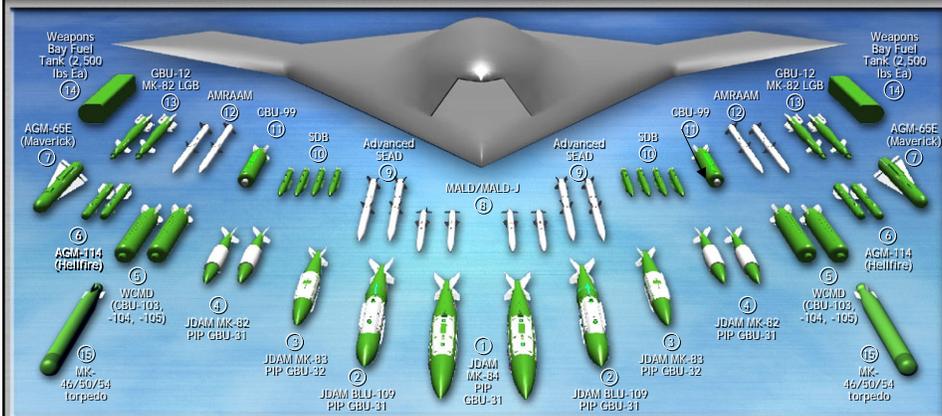
**Payload = 4,500 lbs**  
**Op Weight Empty = 19,672 lbs**  
**Max TOGW = 42,209 lbs**  
**Cruise = 35K/.80 Mach**

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# J-UCAS Class Air Vehicle Weapons Payloads (4500 lbs)



No.	Weapon	Qty
1	JDAM MK-84 PIP GBU-31	2
2	JDAM BLU-109 PIP GBU-31	2
3	JDAM MK-83 PIP GBU-32	2
4	JDAM MK-82 PIP GBU-31	4
5	WCMD (CBU-103, -104, -105)	4

No.	Weapon	Qty
6	AGM-114 (Hellfire)	4
7	AGM-65E (Maverick)	2
8	MALD/MALD-J	4
9	Advanced SEAD	4
10	Small Diameter Bomb	8

No.	Weapon	Qty
11	CBU-99	2
12	AMRAAM	4
13	GBU-12 MK-82 LGB	4
14	Wpns Bay Fuel Tank	1-2
15	MK 46/50/54 torpedo	2

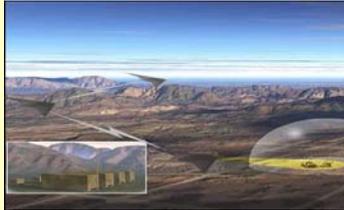
**PUBLIC RELEASE**

Approved for Public Release, Case # 2143 - Distribution A



# J-UCAS Class Air Vehicle CONOPS

## Air Force CONOPS

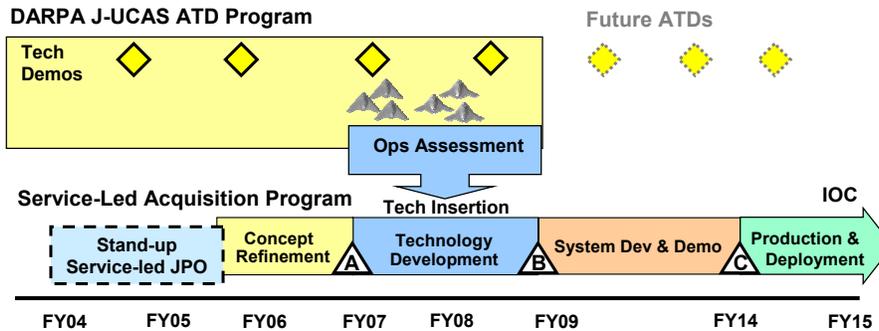


- Global Strike/Global Precision Attack
  - Counterland
  - SOF Support
  - Electronic Attack (EA)
  - Suppression/Destruction of Enemy Air Defenses (SEAD/DEAD)
- Growth Missions:
  - TBD as CONOPS requirements dictate

- Flexible multi-mission capable
- Long range, long loiter
- Survivable in future battlespace
  - Responsive to land forces
  - Within one time of flight of gravity munitions
- Modular payload (“plug and fight”)
  - Multiple weapons
  - Fuel
  - Sensors
  - EA suite
- Flexible employment options
- Process on/off-board sensor info
- Distributed C2 (2<sup>nd</sup> party F2T2EA)



# Notional Service-Led Program



**Focused on Meeting Service Capability Needs**



# J-UCAS (Basing Requirements)

- **Active CONUS base: N/A**
  - 2 x X-45A in flight test at Edwards AFB
  - 3 x X-47B; 3 x X-45C in flight test FY 07- 10
- **Physical**
  - Minimum runway requirement: 8K x 150'
  - Minimum txwy requirement: must accommodate C-17 ops
  - Unique facility requirements: pads for mission control segments
    - Protected at up to TS/SCI level
- **Mission compatibility: basing should not require routine access to heavily congested airspace**
- **Airspace**
  - Training areas within 150 NM:
    - 50NM x 100NM, surface to 50,000 ft
    - Employ training, inert, and live air-to-surface ordnance
    - Sufficient surface threat emitters for electronic warfare training
  - 60 sorties/month (15 PMAI)



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# Headquarters U.S. Air Force

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## F-35 Joint Strike Fighter (JSF)



U.S. AIR FORCE

AF/XORC

UNCLASSIFIED



## JSF Family of Aircraft

Conventional Take-Off  
and Landing

(CTOL) F-35A

USAF



Carrier Variant

(CV) F-35C

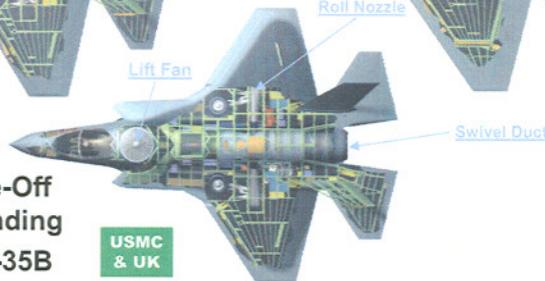
USN



Short Take-Off  
Vertical Landing

(STOVL) F-35B

USMC  
& UK



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## Jet Comparison

**F-16**



Length 49.7 ft  
Span 31 ft  
Wing Area 300 ft<sup>2</sup>  
Internal Fuel 7,162 lb

**F-35**



Length 50.5 ft  
Span 35 ft  
Wing Area 460 ft<sup>2</sup>  
Internal Fuel 18,307 lb

**F/A-22**



Length 62.1 ft  
Span 44.5 ft  
Wing Area 840 ft<sup>2</sup>  
Internal Fuel 18,200 lb

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## Characteristics

**F-35**

47,600 #s  
.9 Mach (1.6 dash)  
40,000 #s  
30,000'+  
18,300 #s



**GW**

**EMPLOY SPEED**  
**THRUST**  
**EMPLOY ALTITUDES**  
**FUEL**

**F/A-22**

63,600 #s  
1.7 Mach (2.0 dash)  
78,000 #s  
40,000'+  
18,200 #s

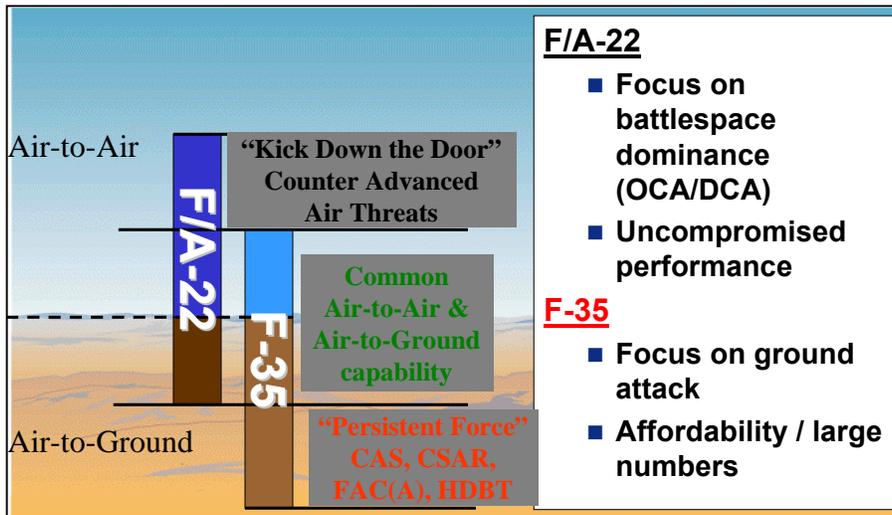


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## Mission Domain



### F/A-22

- Focus on battlespace dominance (OCA/DCA)
- Uncompromised performance

### F-35

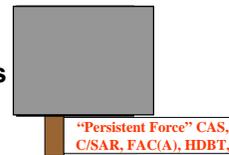
- Focus on ground attack
- Affordability / large numbers



## Exclusive F-35 Domain

### ■ How?

- Unique A/S Avionics
- Payload / Ordnance – 2000# class A/S weapons bay, wide-variety internal / external weapons,
- Quantity - 1763



### ■ Why Important?

- **Survivable**-stand off targeting
  - Real-time target ID
  - Minimize Fratricide
- **Lethal-precision** engagement
  - Penetrating weapons (2000#) for HDBT
- **Persistence** in Time and Geography

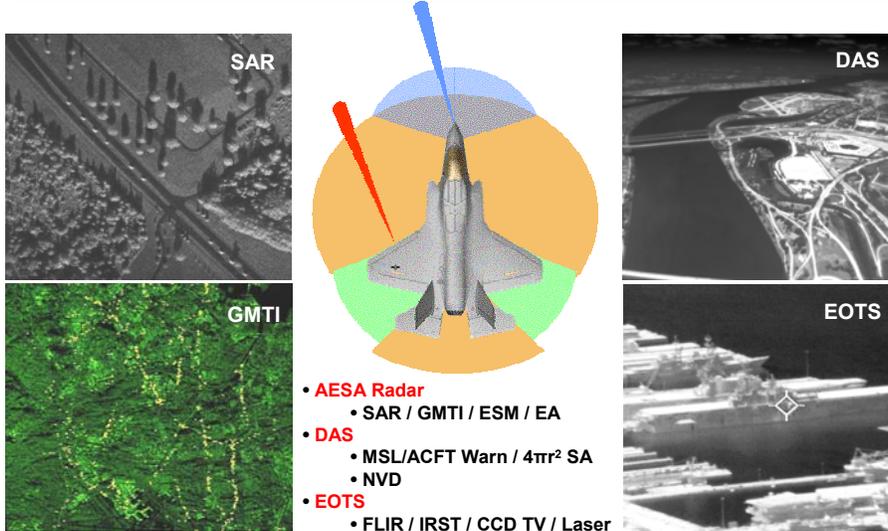
PERSISTENT ATTACK





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# F-35 Baseline Mission Systems



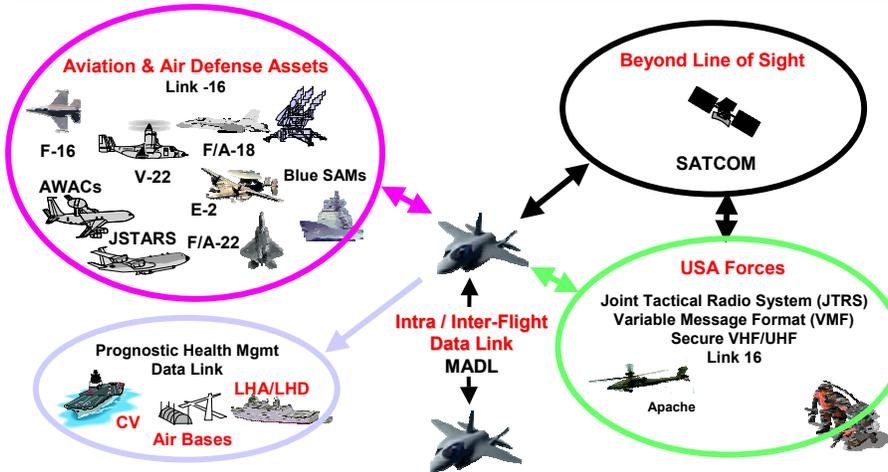
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# Voice and Datalink Interoperability



Interoperability Across US and Coalition Forces

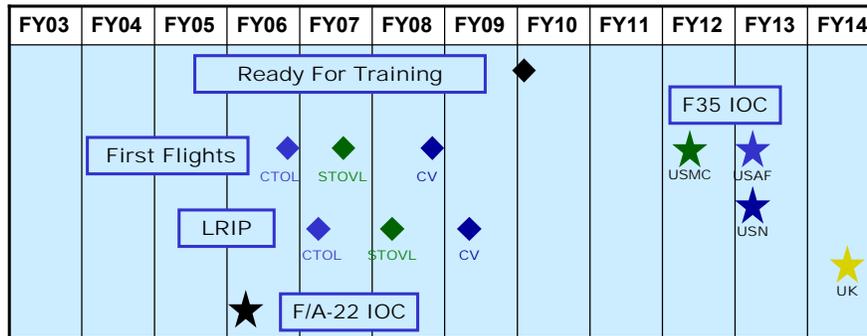
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# Schedule



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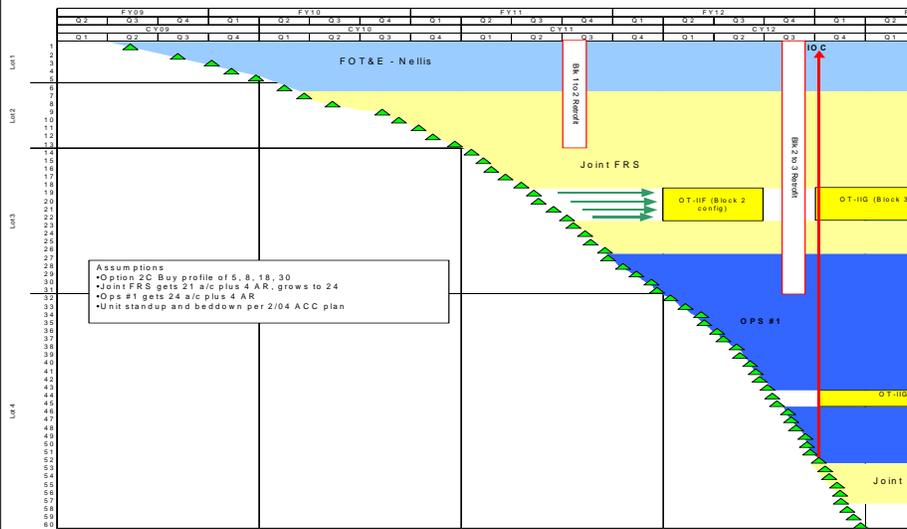
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# F-35 DRAFT Beddown Plan

For discussion purposes only



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## USAF F-35 Joint Strike Fighter Basing Requirements -- ACC/XP

- **Physical**
  - Dual (preferred) runway capacity: 8000' x 150', C-17 capable
  - BAK-12/14 or equivalent arresting system
  - Minimum txwy requirement: 75' wide
  - Facilities to support 72 PMAI wing
  - Classified maintenance facility requirements -- L/O supportability / composite repair
  - Unique operational facility requirements – squadron SCIF
- **Mission compatibility** – No restrictions
- **Airspace**
  - Training areas within 150 NM, supersonic, chaff, and flare approved with Electronic Warfare support
  - Multiple training areas 50 NM x 100 NM, surface to 50,000 feet
  - Air to ground range requirement, chaff and flare approved
  - 1584 JSF sorties per wing per month

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## USAF F-35 Joint Strike Fighter Initial Flying Training Basing Requirements

- Aug 2001, CSAF approved AF Basing and Training Concept:
  - Supports joint basing during **initial period** when total throughput only warrants a single site
- **Long-term AF vision** for 3 Training Wings
  - 2 Flying training wings: separate locations
  - 1 Maintenance training wing: existing Tech Training Wing at Sheppard AFB
- The proposed integrated training center (ITC) is **not affordable** for the AF based on total ownership costs
- Oct 2002, SECAF approved
  - Collocated pilot training at an **AF base** to meet USMC's IOC
  - Collocated maintenance training **at Sheppard** post SDD
  - **USN/USMC transition** to other training locations ~2013



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## Agenda 30 Sep 04

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

0845-0900 **Intelligence JCSG Update** *Mr. Ken Dumm*

0900-0945 **H, S, and A JCSG Update**

-- Break --

1000-1030 **Edu and Tng JCSG Update**

1030-1050 **Future Systems: ABL**

1050-1110 **Future Systems: JUCAS**

-- Break --

1125-1145 **Future Systems: F-35**

1145-1215 **Analysis Tools** *Mr. Pease*

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## Analysis Tools What they are

- **MCIs**
  - A mil value tool using certified data to derive a base/mission compatibility rating – run once
  
- **Cueing Tool**
  - Employs optimization methods to inform our decisions about bed downs – not make them
    - Uses data from certified and non-certified sources – run iteratively to help identify bed down options that merit consideration

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## Analysis Tools How they are used

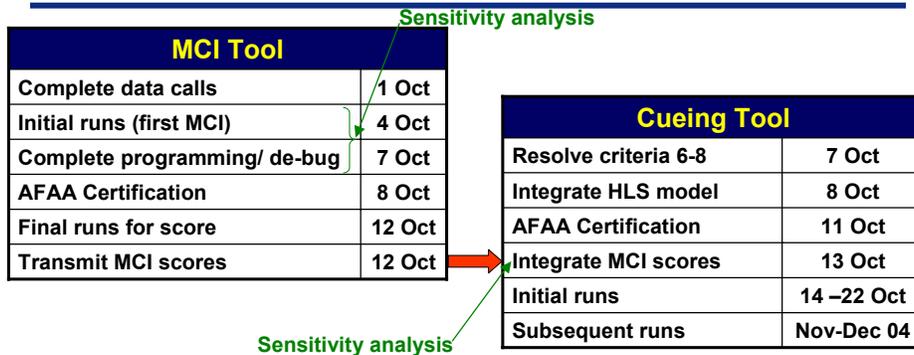
- MCIs and cueing tool help develop **ideas** into **proposals**
- **Proposals** will be briefed to the BCEG
- Scenario teams will develop approved **proposals** into potential **scenarios**
- Potential **scenarios** are briefed to the BCEG, which will select those that merit analysis
- These **scenarios** undergo formal analysis (as needed)-- results briefed to the BCEG
- Selected **scenarios** can be locked in the cueing tool so subsequent runs recognize aircraft and bases where tentative decisions have been made (the cueing tool will have fewer and fewer bases/airplanes in the potential solution set)
- Final list of **scenarios** will become **candidate recommendations**

**MCIs:** Use certified data – run one-time only

**Cueing Tool:** Uses data from certified and non-certified sources – run iteratively to help identify bed down options that merit consideration



## Process Time line





## Analysis Tools Summary

- **The MCI tool:**
  - A mil value tool which uses certified data
  - Will be run only once after mil value data base “locked”
- **The cueing tool:**
  - A tool using optimization methods to inform our decisions about bed downs– not make them
  - Run iteratively, based on user input, to consider options
    - But tool programming can only be modified by a BCEG deliberative decision

**Both tools will help us move from ideas to recommendations**



## Definition of Terms

- **Formal Analysis:** Analysis that the BCEG has formally directed the BCWG (and scenario teams, IL engine room, etc.) to conduct. It includes (but is not limited to) COBRA, detailed capacity and environmental analysis, IVT, etc. Formal analysis uses certified data.
- There is no requirement to analyze decisions that result in no closures or realignments.

