BRAC 2005
EDUCATION AND TRAINING JOINT CROSS-SERVICE GROUP
MEETING MINUTES OF NOVEMBER 18, 2004

The Principal Deputy Under Secretary of Defense (P&R), Mr. Abell, chaired the 33rd meeting of the E&T JCSG. Attendee List is at Attachment 1. Mr. Howlett provided an overview of the meeting then summarized E&T JCSG scenario development progress. The E&T JCSG currently has 34 active scenarios registered in the ISG Scenario Tracking tool. Approximately 18 proposals are still in development for E&T JCSG review. Mr. Howlett then briefed a tentative calendar of events.

Subgroup Chairmen or their representative (Brig Gen Hostage, RADM George Mayer, and Dr. Foulkes) briefed Subgroup status (Attachment 2). The following is a summary of the discussions:

- Specialized Skill Training presented twelve proposals for E&T JCSG deliberation – five were recommended for approval and seven were not recommended for approval by the Subgroup. ***E&T JCSG:***
  - ***Approved the proposal to "Establish Joint Center of Excellence for Diver Training (Panama City)"***
  - ***Approved the proposal to "Establish Joint Center of Excellence for Intelligence Training (Goodfellow AFB)"***
  - ***Approved the proposal to "Consolidate Cryptology and Intelligence Training for Navy and Marine Corps at Dam Neck"***
  - ***Approved the proposal to "Consolidate Cryptology and Intelligence Training for Army and Air Force at Goodfellow"***
  - ***Approved the proposal to "Move the Defense Language Institute to Goodfellow"***
  - ***Disapproved all seven SST concepts for further development as proposals as the Subgroup recommended***

- The Subgroup Chair then briefed an issue that could impact scenario development. The Navy initially reported Capacity and Military Value information by "activity" not installation. These activities were later merged for SST analysis by the Navy BRAC Office. However, some "installations" include multiple sites that are geographically separate (different fence line); for example, NAS Pensacola includes Corry Station; NAS Ocenana includes Dam Neck and NAS North Island includes NAB Coronado. Since the SST Military Value Scoring Plan gives greater credit for more facilities and throughput, these multiple site "installations" have a much higher military value when combined than if reported separately. After weighing several options presented by the OSD BRAC representative, the E&T JCSG determined:

- ***SST subgroup should exercise military judgment in proceeding with scenario analysis; specific data needed by location should be obtained during the scenario data call.***

- The Flight Training Subgroup briefed a "big picture" approach for proposal development which included the methodology used to develop the list of installations considered for the Joint Strike Fighter (JSF) Initial Training Center. ***(Briefing requested at the November 4, 2004E&T JCSG meeting.)*** The Subgroup goal was to realign assets to "uncover bases" and enhance joint-ness. Undergraduate flight training sub-functions included: primary phase of flight training, advanced phase of flight training, naval flight officer & navigator training and rotary wing flight training. Consolidating assets for these programs will drive moves across most UFT bases and will impact production during transition. The JSF beddown is a "wildcard" that presents two options: follow tradition of "stand alone" FRS/FTU's and second, combine with advanced phase of UFT which would be considered transformational. Final proposals for E&T JCSG deliberation were derived from military value and capacity data. Military Departments determined the rules of engagement which included:
  - Optimization Model set baseline for force lay down drills
  - Excess capacity figures based on FY04 and FY09. FY09 numbers were used since these were larger than FY08 and provided the highest throughput scenario.
  - Distribution based on student throughput in FY09
  - Target 80% of "maximum runway operations capacity"
  - Using auxiliary fields and airspace capacity at "uncovered" bases if in close proximity

- The subgroup offered five proposals for E&T JCSG using three business cases: status quo, cooperative, and transformational. The E&T JCSG:
  - ***Approved "Status Quo" USN Option 1***
  - ***Approved "Status Quo" USAF Option 1***
  - ***Approved "Cooperative" Option 1***
  - ***Approved "Transformation" Option 1***
  - ***Approved "Transformation" Option 2***
  - ***Approved the deletion of previously declared scenarios (E&T-0007 and E&T-0020) from the ISG Scenario Tracking Tool since certified data did not support these strategy-driven scenarios.***
  - ***Tasked subgroup to re-look Randolph AFB as a JSF initial training site.***
  - ***Tasked the Coordination Team to draft memo requesting JSF JPO brief the E&T JCSG on the concept behind the ITC during the 2 Dec meeting.***

- The Ranges Subgroup briefed the Military Value rankings for T&E Open Air Ranges (not installations) using the five attributes in the Military Value Scoring Plan. Ranking could change once remaining data is received from the Services. Additionally, Eglin over Water Test Area was not included in determining capacity and military value for the Eglin Range. This decision was consistent with the definitions of open air test ranges provided in the E&T JCSG Military Value Report. (Ranges initially surfaced this as a potential issue at the 4 Nov E&T JCSG meeting.) The Subgroup then presented four proposals for E&T JCSG consideration. The E&T JCSG:
    - ***Approved TJCSG continuing with their development and analysis of scenarios TECH-0005, TECH-0036, and TECH-0037 with recommended revisions. However, the imbedded E&T JCSG functions will be analyzed under the authority and over-watch of the E&T JCSG. If the TJCSG does not agree to the revisions and over watch then the Ranges subgroup should develop these three scenarios for E&T JCSG consideration.***
    - ***Deferred proposal to "Consolidate Air-launch Munitions T&E OAR Workload to a Western Weapons/Air Platform/EC Complex" until 2 Dec. Subgroup was tasked to re-look aligning the management of these complexes with Joint Ranges – West (E&T-0038) and revise as appropriate.***
    - ***Deferred proposal to "Consolidate Air-Launch Munitions T&E OAR Workload to a Weapons/Air Platform/EC Complex" until 2 Dec, as above.***
    - ***Approved the <u>deletion</u> of previously declared scenario (E&T-0009) since certified data did not support this strategy-driven scenario.***

The next scheduled meeting of the E&T JCSG is Thursday, December 2, 2004.

Approved: _____
Charles S. Abell
Principal Deputy Under Secretary of
Defense (Personnel & Readiness)
Chairman, Education & Training Joint
Cross-Service Group

Attachments:
1. List of Attendees, November 10, 2004
2. Briefing Slides

Copies:
1. OSD BRAC Office
2. E&T JCSG Coordination Team
3. DoD IG

BRAC 2005
EDUCATION AND TRAINING JOINT CROSS-SERVICE GROUP
November 18, 2004

Attendees

Members:

- Hon Charles S. Abell, Principal Deputy Under Secretary of Defense (Personnel & Readiness) Chair
- Mr. Michael L. Dominguez, Assistant Secretary of the Air Force (Manpower and Reserve Affairs)
- BGen Thomas Conant, USMC, Deputy Director, Training and Education Command
- BG Tom Maffey, USA, JCS VDJ-7
- Mr. James Gunlicks, Army G-3 Training (DAMO-TR)

Others:

- Dr. Paul Mayberry, Deputy Under Secretary of Defense for Readiness
- RADM George Mayer, USN, Flight Training Subgroup
- Brig Gen Hostage, USAF, Chairman, Specialized Skill Training Subgroup
- Mr. Dan Gardner, Office of the Secretary of Defense (P&R)
- Mr. Bob Howlett, E&T JCSG Coordination Team
- Ms. Nancy Weaver, E&T JCSG Coordination Team
- CAPT Bill Wilcox, USN, N1D
- Col Jerry Lynes, USMC, Division Chief, Joint Education & Doctrine, J-7
- Col Mike Massoth, USMC, Deputy Director, Training and Education Command
- Col Joanna Shumaker, USAF, AF DPX
- CAPT Gene Summerlin, USN, Navy BRAC, Flight Training Subgroup
- Col James Briggs, USAF, AETC/DOO, Specialized Skill Training Subgroup
- Col Jimmie Simmons, USAF, AETC/DOR, Flight Training Subgroup
- Col Sam Walker, USAF, E&T JCSG, PDE Subgroup
- Dr. John Foulkes, Army TEMA, Ranges T&E Sub-Working Group chair
- Mr. Bob Harrison, DAMO-TR
- Mr. Bob Lepianka, DAMO-TRS, Ranges Subgroup
- Mr. Steve Belcher, DON IAT Contract Support
- Mr. Brian Buzzell, OSD BRAC Contract Support
- Ms. Beth Schaefer, DoD/IG
- LT Greg Riels, USN, RADM Mayer Aide
- SSG Kevin Lipscomb, USA, E&T JCSG Coordination Team
- Ms. Marsha Warren, Ctr., E&T JCSG Coordination Team
- Capt Ernest Wearren, USAF, AF-BRAC Office

E&T JCSG Principals Meeting

18 November 2004

Mr. Charles Abell
E&T JCSG

Agenda

- Please "Sign-In"
- E&T JCSG Overview
  - E&T JCSG Activities
  - Scenario Update
  - JCSG Scorecard
- Subgroup Updates
  - Specialized Skill Training
  - Flight Training
  - Ranges
- Summary

E&T JCSG Schedule

Monday	Tuesday	Wednesday	Thursday	Friday	Sat	Sun
15	16 E&T POC Mtg	17 *JCSG Analyses Update*	18 **E&T JCSG 1300-1700 (3E752)**	19 ***E&T JCSG 0830-1000 (4E1037)***	20	21
22 *Subgroup Data Issues Status Report to E&T*	23	24 *JCSG Data Issues Status Report to ISG*	25 **Thanksgiving**	26	27	28
29	30 E&T POC Mtg	**December 1**	2 **E&T JCSG 1300-1530**	3	4	5
6	7 E&T POC Mtg	8	9 **E&T JCSG 1300-1530**	10	11	12
13	14 E&T POC Mtg	15	16 **E&T JCSG 1300-1530**	17	18	19

E&T JCSG Schedule

Monday	Tuesday	Wednesday	Thursday	Friday	Sat	Sun
20 *Candidate Recommendations*	21 E&T POC Mtg	22	23 *E&T JCSG 1300-1530*	24 Christmas Eve	25	26
27	28 E&T POC Mtg	29	30 *E&T JCSG 1300-1530*	31 New Year's Eve	Jan 1	2
3	4 E&T POC Mtg	5	6 E&T JCSG 1300-1530	7	8	9
10	11 E&T POC Mtg	12	13 E&T JCSG 1300-1530	14	15	16

Scenario Development Summary

	Total	Active	Proposals Pending E&T Deliberation	Scenario Data Calls (Ready)
Flight Training	4	4	6	2
Professional Development Education	16	16	-	7
Specialized Skill Training	10	9	6-9	3
Ranges				
▪ Training	4	3	-	TBD
▪ T&E	2	2	3	0
TOTAL	36	34	15-18	12

as of 18 Nov 04

JCSG Scorecard

JCSG	Capacity Analysis Complete *(Date)*	Material Capacity Data Issues *(# ques-sites)*	Mil Value Analysis Complete *(Date)*	Material Mil Value Data Issues *(# ques-sites)*	Scenario Development Complete *(Date)*	Criteria 5-8 Analysis Complete *(Projected Date)*
E&T	3 DEC	36	18 NOV	193	3 DEC	20 DEC
H&SA						
Indus						
Intel						
Med						
S&S						
Tech						

Establish Joint Center of Excellence for Diver Training (Panama City, FL)

Scenario	Drivers/Assumptions
■ Realign Panama City, FL by establishing a Joint Center of Excellence for Diver Training. ■ Realign Truman Annex, (Key West, FL) by relocating Army Diver Courses currently taught there to Panama City, FL. Provide by disestablishing Army Diver Courses at Truman Annex, (Key West, FL) and consolidating at Panama City, FL; Consolidate like schools while preserving service unique culture.	■ Principles: Organize and Train ■ Transformational Options: Establish Centers of Excellence for Joint or Inter-service education and training by combining or co-locating like schools ■ Establish "joint" officer and enlisted specialized skill training (initial skill, skill progression & functional)
Justification/Impact	**Potential Conflicts**
■ Uses Inter-service Training Review Organization as the baseline ■ Train as you fight "jointly" ■ Navy Diver School at Panama City, FL (ITRO) ■ Marine Corps Combat Dive Course located at Panama City, FL	■ Unique service training standards and culture

Approved_____ Disapproved_____ Revised_____ Deferred_____

Establish Joint Center of Excellence for Intelligence Training (Goodfellow AFB, TX)

Scenario

- Realign Goodfellow AFB, TX by establishing a Joint Center of Excellence for Intelligence Training.
- Realign NAVSTA Dam Neck, San Diego, CA; Fort Huachuca, AZ by relocating Intelligence courses currently taught there to Goodfellow AFB, TX. Provide by disestablishing all intelligence training at NAVSTA Dam Neck, and San Diego, CA; Fort Huachuca, AZ and consolidating at Goodfellow AFB, TX. Realign Fort Gordon, GA by disestablishing all Signal School training and consolidating at Goodfellow AFB, TX. The intent of this scenario is to consolidate like courses while maintaining service unique culture.

Drivers/Assumptions

- Principles: Organize and Train
- Transformational Options: Establish Centers of Excellence for Joint or Inter-service education and training by combining or co-locating like schools
- Establish "joint" officer and enlisted specialized skill training (initial skill, skill progression & functional)

Justification/Impact

- Uses Inter-service Training Review Organization as the baseline
- Eliminates redundancy and cost
- Train as we fight "jointly"

Potential Conflicts

- Conflicts with Army scenario to combine Intelligence School/Center and Signals School at Ft Gordon
- Navy and Marine Corps Intelligence Training is currently consolidated at new Navy Marine Intelligence Training Center facility at Dam Neck, VA

E&T JCSG directed on 10 Nov 2004 additional scenario adding Fort Gordon, GA Signal School to previous approved scenario. Recommend E&T JCSG approve deleting Corry Station, FL from E&T 0018 since Corry Station, FL does Cryptology SST only.

Approved_____ Disapproved_____ Revised_____ Deferred_____

Consolidate Cryptology and Intelligence Training for Navy and Marine Corps at Dam Neck, VA

Scenario	Drivers/Assumptions
■ Establish Consolidated Cryptology and Intelligence training for Navy and Marine Corps at Dam Neck, VA ■ Disestablish Center for Cryptology at Corry Station, FL by relocating courses currently taught there to Dam Neck, VA.	■ Principles: Organize and Train ■ Collocate or consolidate multiple branch schools and centers on single locations
Justification/Impact	**Potential Conflicts**
■ Reduces installation footprint ■ Synergy from using same instructors for some Intel and Crypto courses ■ Value by co-locating Crypto training at Fleet Concentration area	■ Alternative to E&T JCSG scenarios 0018, & USA 0050

Approved_____ Disapproved_____ Revised_____ Deferred_____

Consolidate Cryptology and Intelligence Training for Army and Air Force at Goodfellow AFB, TX

Scenario	Drivers/Assumptions
■ Establish Consolidated Cryptology and Intelligence training for Army and Air Force at Goodfellow AFB, TX ■ Realign Intelligence School at Fort Huachuca by relocating courses currently taught there to Goodfellow AFB, TX.	■ Principles: Organize and Train ■ Collocate or consolidate multiple branch schools and centers on single locations
Justification/Impact	**Potential Conflicts**
■ Reduces installation footprint	■ Alternative to E&T JCSG scenarios 0018, & USA 0050

Approved_____ Disapproved_____ Revised_____ Deferred_____

Move the Defense Language Institute (Goodfellow AFB, TX)

Scenario	Drivers/Assumptions
■ Realign Goodfellow AFB by relocating Defense Language Institute (DLI). ■ Realign Presidio of Monterey, CA Defense Language Institute by relocating courses currently taught there to Goodfellow AFB, TX. Provide by disestablishing all Defense Language Institute training at Presidio of Monterey, CA and consolidating at Goodfellow AFB, TX. The intent of the scenario is to consolidate like courses while maintaining service unique culture.	■ Principles: Organize and Train ■ Transformational Options: Establish Centers of Excellence for Joint or Inter-service education and training by combining or co-locating like schools ■ Establish "joint" officer and enlisted specialized skill training (initial skill, skill progression & functional)
Justification/Impact	**Potential Conflicts**
■ Uses Inter-service Training Review Organization as the baseline ■ Eliminates redundancy and cost ■ Reduces installation footprint ■ Goodfellow AFB, TX is a primary customer of DLI follow-on Advanced Individual Training for Air Force and Army	■ Alternative to E&T JCSG scenario 0031

Approved_____ Disapproved_____ Revised_____ Deferred_____

Subgroup Ideas

- *Not recommended (SST Ideas)*
- **Establish Joint Inspector General Training**
- **Establish Joint Civil Engineering / Construction Training**
- **Establish Joint Recruiter Training**
- **Establish Joint Contracting Training**
- **Establish Joint Instructor Training**
- **Establish Joint Information Technology Training**
- **Establish Joint Nuclear, Biological, and Chemical Training**

Specialized Skill Training Issue

- **Navy responded to Capacity and Military Value questions by "activity" vice "installation" (200+ SST activities)**
- **Navy merged activities into installations for SST analysis**
- **Some "installations" include multiple sites that are geographically separate (different fence line) – For example:**
  - **NAS Pensacola includes Corry Station**
  - **NAS Oceana includes Dam Neck**
  - **NAS North Island includes Coronado**
- **SST Military Value Scoring Plan gives greater credit for more facilities and throughput**
- **These multiple sites have a much higher military value when combined than if reported separately**

Education & Training
Joint Cross Service Group
Flight Training Subgroup

Subgroup Proposals

USAF / USN / USMC / USA

Joint Undergraduate Flying Training Functions

for

BRAC 2005

FT "Big Picture"

- Goal: Realign Assets to "Uncover Bases" & "Enhance Jointness"
- Undergraduate Flight Training Sub-functions
  - Primary Phase of Flight Training
  - Advanced Phase of Flight Training
  - Naval Flight Officer & Navigator Training
  - Rotary Wing Flight Training

  Domino Effect: Consolidating assets for these programs will "drive" moves across most UFT bases
- Realigning UFT will impact production during transition
- JSF Beddown is a "wildcard" that presents two options
  - Follow tradition of "standalone" FRS / FTU
  - Combine with Advanced Phase of UFT – Transformational
- Final proposals data-driven – Military Value and Derived Capacity

FT "Big Picture"

- Force lay down Rules of Engagement
  - Optimization Model set Baseline for force lay down drills
  - Excess capacity figures based on FY04 (Before) & FY09 (After)
  - Distribution based on student throughput in FY09
  - Target 80% of "Max Runway Operations Capacity"
  - Use aux fields & airspace capacity at "uncovered" bases if in close proximity

FT "Big Picture"

- Realigned using three major concepts
  - Status Quo
    - Keep assets aligned with parent service
    - JSF FRS / FTU at "standalone" base
  - Cooperative
    - Realign sub-functions to create a joint environment
    - JSF FRS / FTU at "standalone" base
  - Transformational
    - Realign sub-functions to create a joint environment
    - Marry advanced phases of UFT with appropriate FRS / FTU (target non-operational bases if able)

FT "Big Picture"

Status Quo

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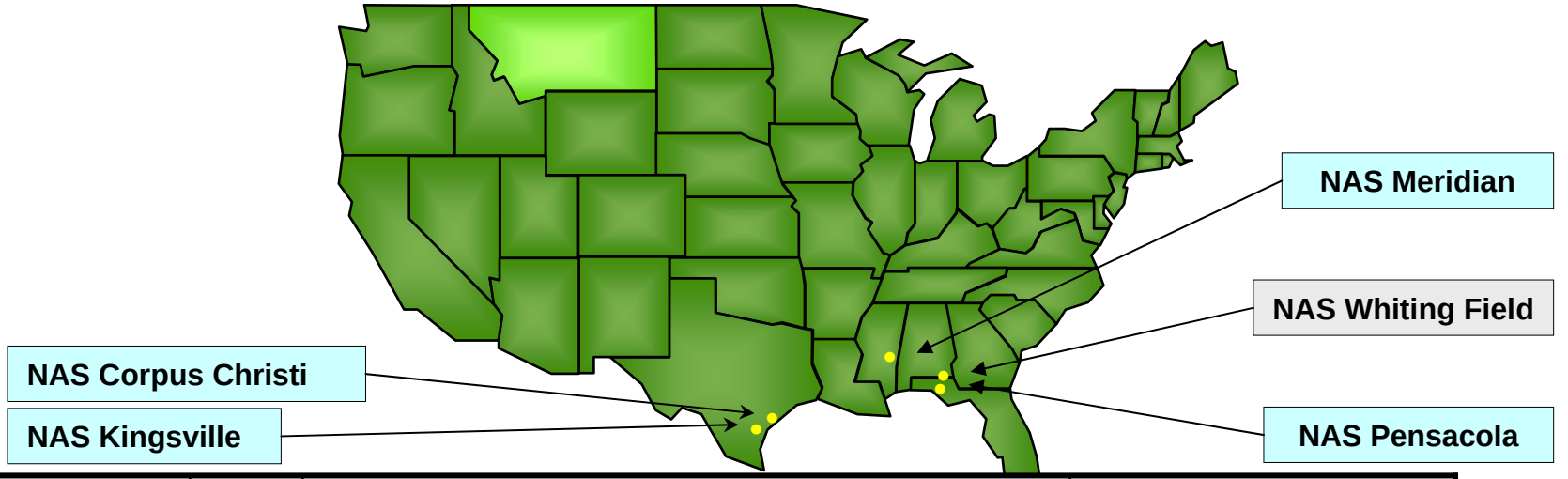
FT "Status Quo" USN Option 1



Base	Mil Val	Student Throughput				Excess Runway Capacity	
		Primary	Advanced	NFO/Nav	Rotary	Before	After
NAS Pensacola	69.20			1301	565	71.25%	71.97%*
NAS Meridian	63.64	700				32.88%	30.67%
NAS Whiting Field (FW)	63.61					73.88%	
NAS Kingsville	63.34		317			64.66%	12.11%
NAS Corpus Christi	61.89	678	504			42.00%	20.72%
NAS Whiting Field (RW)	63.26					50.00%	
Totals	64.52					59.93%	28.66%

*FW capacity only, placing helicopter operations further reduces excess capacity.

*NAS Pensacola would acquire NAS Whiting Field helicopter airspace and OLFs.

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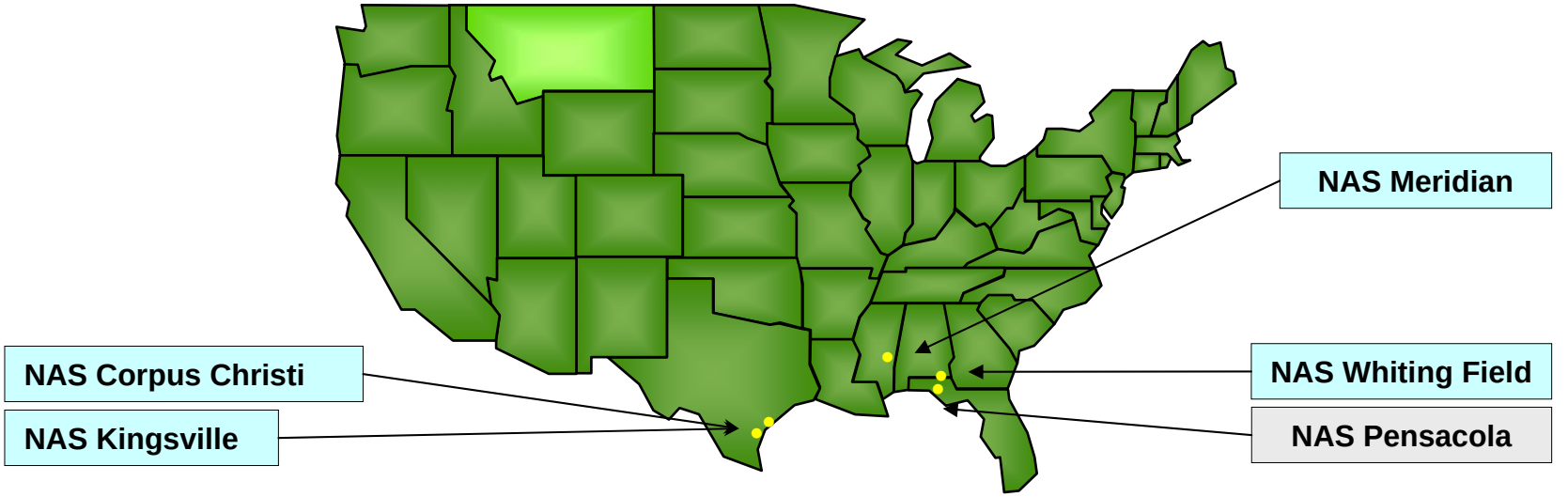
FT "Status Quo" USN Option 2



Base	Mil Val	Student Throughput				Excess Runway Capacity	
		Primary	Advanced	NFO/Nav	Rotary	Before	After
NAS Pensacola	69.20					71.25%	
NAS Meridian	63.64		185			32.88%	32.88%
NAS Whiting Field (FW)	63.61	793				73.88%	73.88
NAS Kingsville	63.34		87	1346		64.66%	47.41%
NAS Corpus Christi	61.89	585	504			42.00%	26.29%
NAS Whiting Field (RW)	63.26				565	50.00%	50.00%
Totals	63.15					59.93%	51.74%

FT "Status Quo" USN Option 1

Recommended

- Realign the following bases by re-locating and consolidating USN Undergraduate Pilot and Naval Flight Officer Flight Training Programs
  - NAS Corpus Christi (Primary Plus Up/ME MPTS)
  - NAS Kingsville (Advanced Plus Up)
  - NAS Meridian (Primary)
  - NAS Pensacola (NFO/RW)
- Realign and re-locate units from the following USN Undergraduate Flying Training bases
  - NAS Whiting Field

Approved_____ Disapproved_____ Revised_____ Deferred_____

FT "Status Quo" USN Option 2

Not Recommended

- Realign the following bases by re-locating and consolidating USN Undergraduate Pilot and Naval Flight Officer Flight Training Programs
  - NAS Corpus Christi (Primary/ME MPTS)
  - NAS Kingsville (Advanced/NFO)
  - NAS Meridian (Advanced)
  - NAS Whiting Field (Primary/RW)
- Realign and re-locate units from the following USN Undergraduate Flying Training bases
  - NAS Pensacola

Approved_____ Disapproved_____ Revised_____ Deferred_____

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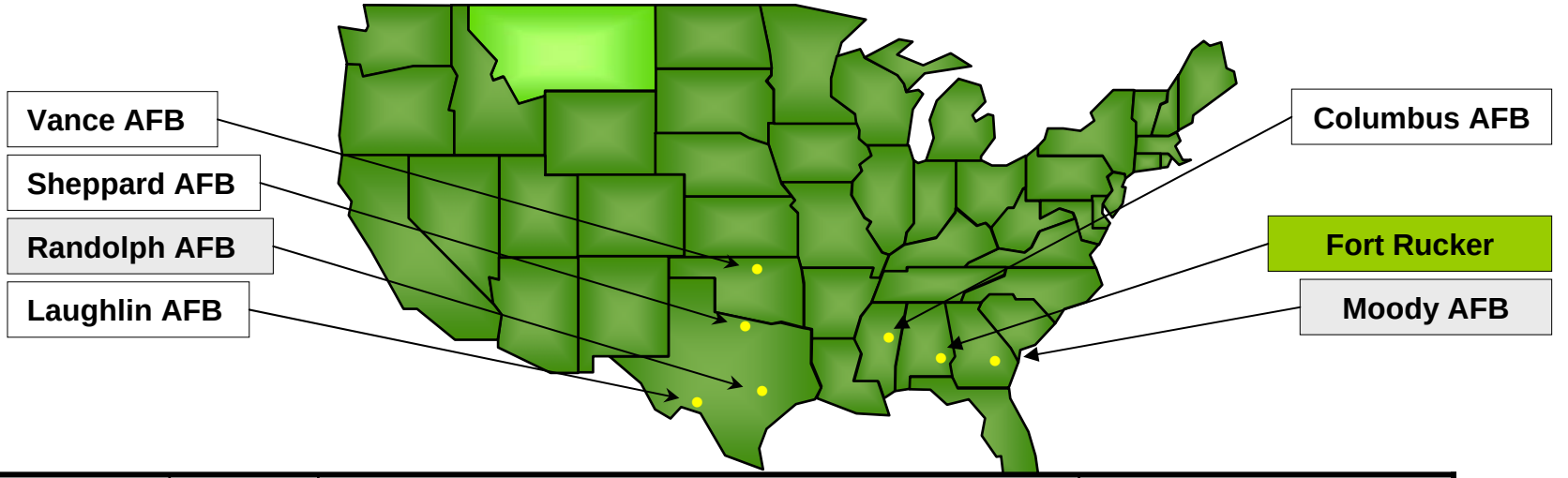
FT "Status Quo" USAF Option 1



Base	Mil Val	Student Throughput				Excess Runway Capacity	
		Primary	Advanced	NFO/Nav	Rotary	Before	After
Vance AFB	66.37	409	335	765		38.81%	28.30%
Laughlin AFB	63.94	475	353			38.26%	28.41%
Columbus AFB	62.88	345	573			36.21%	38.59%
Randolph AFB	62.62					77.54%	
Sheppard AFB	62.51	166	916			35.62%	19.55%
Moody AFB	58.14					47.87%	
Fort Rucker	75.54				65	82%	82%
Totals	66.25					46.87%	28.99%

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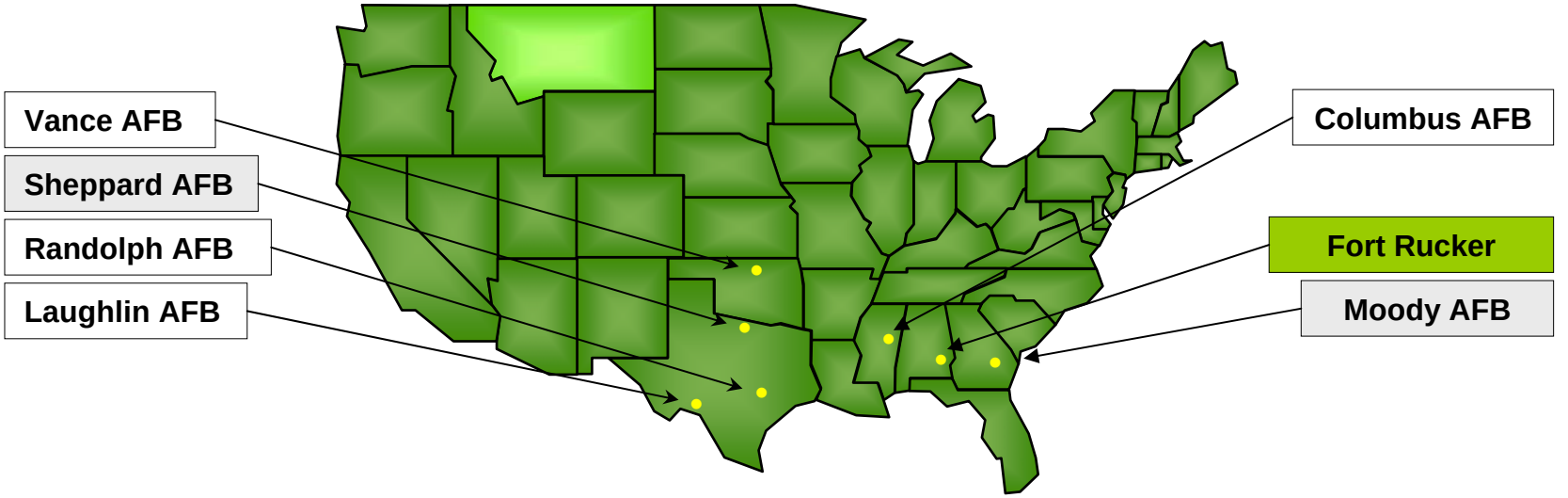
FT "Status Quo" USAF Option 2



Base	Mil Val	Student Throughput				Excess Runway Capacity	
		Primary	Advanced	NFO/Nav	Rotary	Before	After
Vance AFB	66.37	516	316			38.81%	19.55%
Laughlin AFB	63.94	430	491			38.26%	20.50%
Columbus AFB	62.88	449	489			36.21%	16.53%
Randolph AFB	62.62		881	765		77.54%	72.97%
Sheppard AFB	62.51					35.62%	
Moody AFB	58.14					47.87%	
Fort Rucker	75.54				65	82%	82%
Totals	66.27					46.87%	34.34%

FT "Status Quo"USAF Option 1

Recommended

- Realign the following bases by re-locating and consolidating USAF Undergraduate Pilot and Combat Systems Officer Flying Training Programs
  - Columbus AFB (IFF/Primary/Advanced)
  - Laughlin AFB (Primary/Advanced)
  - Fort Rucker (Rotary Wing)
  - Sheppard AFB (ENJJPT/PIT)
  - Vance AFB (Primary/Advanced/CSO)
- Realign and re-locate units from the following USAF Undergraduate Flying Training bases
  - Moody AFB
  - Randolph AFB

Approved_____ Disapproved_____ Revised_____ Deferred_____

FT "Status Quo"USAF Option 2

Not Recommended

- Realign the following bases by re-locating and consolidating USAF Undergraduate Pilot and Combat Systems Officer Flying Training Programs
  - Columbus AFB (Primary/Advanced)
  - Laughlin AFB (Primary/Advanced)
  - Randolph AFB (CSO/IFF/Advanced/PIT)
  - Fort Rucker (Rotary Wing)
  - Vance AFB (Primary/ENJJPT)
- Realign and re-locate units from the following USAF Undergraduate Flying Training bases
  - Moody AFB
  - Sheppard AFB

Approved_____ Disapproved_____ Revised_____ Deferred_____

FT "Big Picture"

Cooperative

SecDef's Vector: "Think Joint"

*"A **primary objective of BRAC 2005,** in addition to realigning our base structure to meet our post-Cold War force structure, **is to examine and implement opportunities for greater joint activity.** Prior BRAC analyses considered all functions on a service-by-service basis and, therefore, did not result in the joint examination of functions that cross services. While some unique functions may exist, those **functions that are common across the Services must be analyzed on a joint basis …"***

Donald Rumsfeld
15 November 2002

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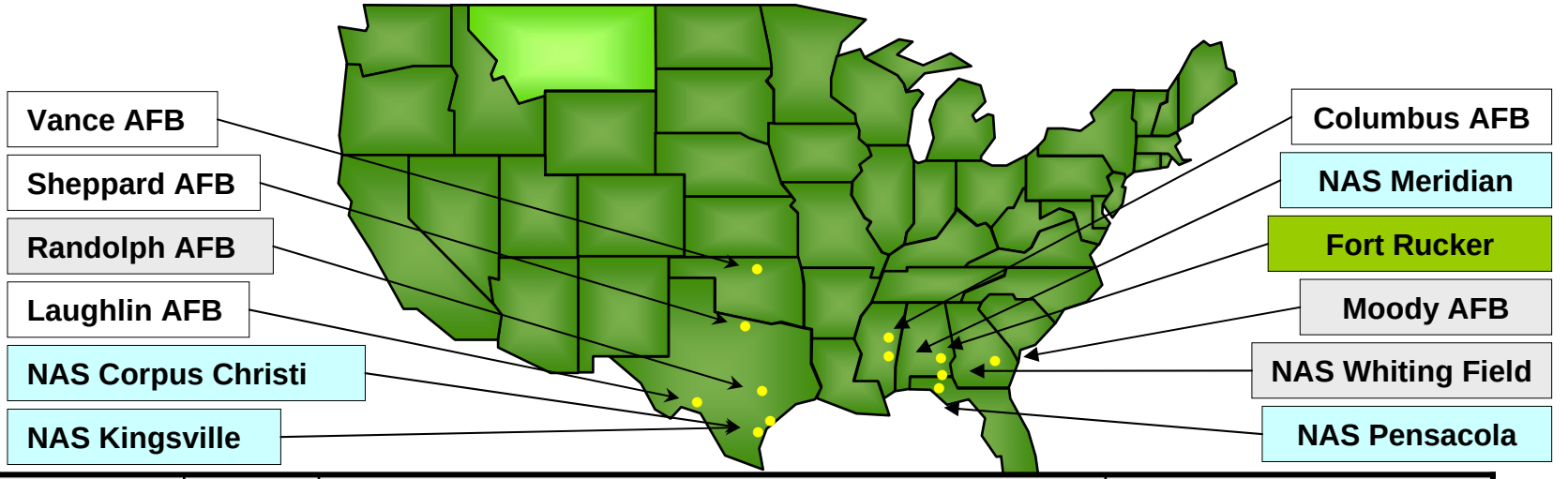
FT "Cooperative" Option 1



Base	Mil Val	Student Throughput				Excess Runway Capacity	
		Primary	Advanced	NFO/CSO	Rotary	Before	After
NAS Pensacola	69.20			2066		71.25%	63.74%
Vance AFB	66.37	1007				38.81%	24.54%
Laughlin AFB	63.94	800				38.26%	42.23%
NAS Meridian	63.64	800				32.88%	4.40%
NAS Whiting Field	63.61					73.88%	
NAS Kingsville	63.34		317			64.66%	12.11%
Columbus AFB	62.88		609			36.21%	56.06%
Randolph AFB	62.62					77.54%	
Sheppard AFB	62.51	166	1082			35.62%	19.55%
NAS Corpus Christi	61.89		1156			42.00%	12.94%
Moody AFB	58.14					47.87%	
Fort Rucker	75.54				1882	82%	77.6%
NAS Whiting Field	63.26					50%	
Totals	65.46					52.90%	28.85%

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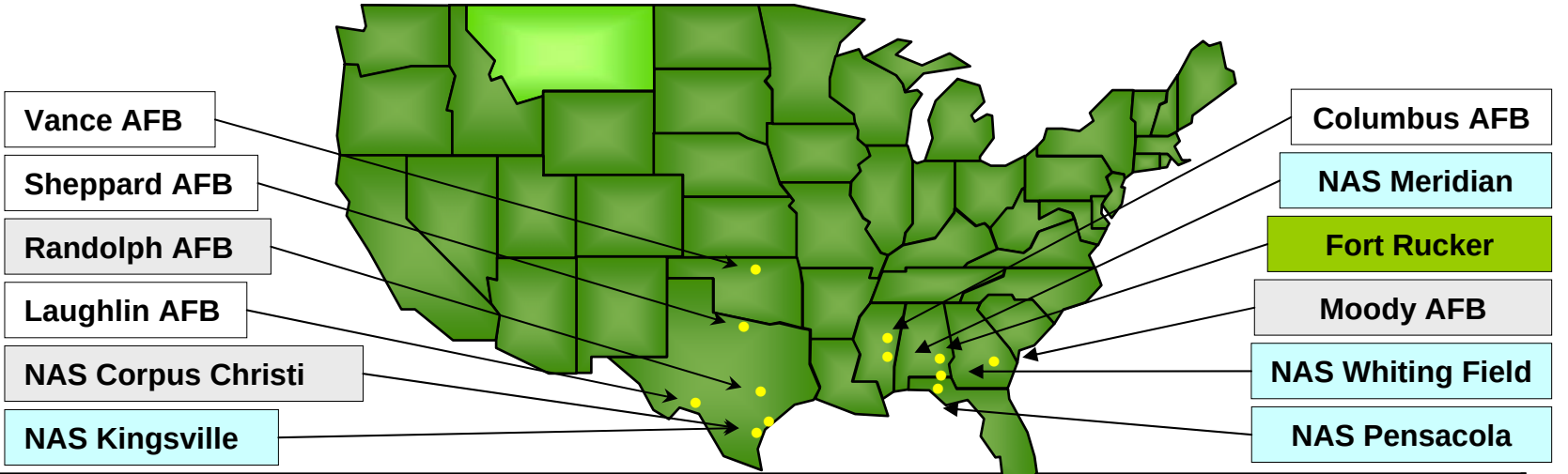
FT "Cooperative" Option 2



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Vance AFB	66.37	1007				38.81%	24.54%
Laughlin AFB	63.94	800				38.26%	42.23%
NAS Meridian	63.64		704			32.88%	11.58%
NAS Whiting Field (FW)	63.61	800				73.88%	68.21%
NAS Kingsville	63.34		317			64.66%	12.11%
Columbus AFB	62.88		1061			36.21%	21.93%
Randolph AFB	62.62					77.54%	
Sheppard AFB	62.51	166	916			35.62%	19.55%
NAS Corpus Christi	61.89					42.00%	
Moody AFB	58.14					47.87%	
Fort Rucker	75.54				1882	82%	77.6%
NAS Whiting Field (RW)	63.26					50%	
Totals	65.67					52.90%	27.07%

FT "Cooperative" Option 1

Recommended

- Realign the following bases by re-locating and consolidating USA, USAF, and USN Undergraduate Pilot and Naval Flight Officer / Combat Systems Officer Flying Training Programs
  - Columbus AFB (Advanced/IFF)
  - NAS Corpus Christi (Advanced/ME MPTS)
  - NAS Kingsville (Advanced)
  - Laughlin AFB (Primary)
  - NAS Meridian (Primary)
  - NAS Pensacola (NFO / CSO)
  - Fort Rucker (RW Plus Up)
  - Sheppard AFB (PIT/ENJJPT)
  - Vance AFB (Primary)
- Realign and re-locate units from the following USAF and USN Undergraduate Flying Training bases
  - Moody AFB
  - Randolph AFB
  - NAS Whiting Field

Approved_____ Disapproved_____ Revised_____ Deferred_____

FT "Cooperative" Option 2

Not Recommended

- Realign the following bases by re-locating and consolidating USA, USAF, and USN Undergraduate Pilot and Naval Flight Officer / Combat Systems Officer Flying Training Programs
  - Columbus AFB (Advanced)*
  - NAS Kingsville (Advanced)
  - Laughlin AFB (Primary)
  - NAS Meridian (Advanced/ME MPTS)*
  - NAS Pensacola (NFO / CSO)
  - Fort Rucker (RW Plus Up)
  - Sheppard AFB (PIT/ENJJPT)
  - Vance AFB (Primary)
  - NAS Whiting Field (Primary Plus Up)

- Realign and re-locate units from the following USAF and USN Undergraduate Flying Training bases
  - NAS Corpus Christi
  - Moody AFB
  - Randolph AFB

***Columbus AFB and NAS Meridian will share airspace.**

Approved_____ Disapproved_____ Revised_____ Deferred_____

FT "Big Picture"

Transformational Options

"Suggest you place your seats in the up-right and locked position, stow your tray tables, and ensure your seat belts are securely fastened …"

JSF and Transformation Proposals Follow

JSF Selection Process Overview

- Started with Joint Strike Fighter selection criteria developed by the Joint Program Office
  - Criteria included requirements for runway, airspace, weather, and distance to coastline
- Applied criteria to all CONUS airfields in DoD
- Used military judgment for airfields that met basic criteria
- Steered away from those operational bases that,
  - Host aircraft in the future years force structure
  - Host missions that would preempt JSF mission (e.g. Andrews)
- Steered away from bases dedicated to Reserve forces or hosted major Civil Operation(s)

Step 1: Process of Elimination

❑ Airfields in "DOD Airfield Suitability Requirements Report"		3318
❑ Subtract bases / airfields overseas	-	2353
		965
❑ Subtract airfields with field elevation >3000ft MSL	-	127
		838
❑ Subtract airfields with main runway <8000ft in length	-	534
		304
❑ Subtract Civil, Guard, Reserve	-	231
		73
❑ Subtract bases without a second runway 8000ft in length	-	42
Remaining		31

Step 2: Apply Military Judgment

- Of 31 bases that meet basic criteria we "dropped" 20 because:

Altus AFB	Strategic Airlift Training Base
Andrews AFB	DV airlift, proximity to DC
Dover AFB	Airlift hub, Joint use
Luke AFB	F-16 training base
McConnell AFB	KC-135 operational base
Scott AFB	HQ for TRANSCOM and AMC
Sheppard AFB	Home for ENJJPT (Training for NATO students)
Tinker AFB	Operational base for AWACS, TACAMO.
Travis AFB	Airlift hub and operational base
MCAS Cherry Point	Operational base for AV-8B, C-130, and EA-6B
NAS Miramar	Operational base for fixed wing, RW, and Reserves
MCAS Yuma	Joint Civil use airfield
NAS Oceana	Operational base for F-18, encroachment
Nellis AFB	Operations/Exercise range
NAS Patuxent River	T&E installation
Randolph AFB	AETC PIT
NAS Whidbey Island	Service specific aircraft
NAS Brunswick	Weather
China Lake NAWS	T&E installation
NAS Lemoore	Service specific aircraft

Step 3: "Best Guess" Finalists

- Priority Order of 11 Bases remaining prior to completing Military Value Analysis:
  - NAS Kingsville
  - Moody AFB
  - Eglin AFB
  - Beaufort MCAS
  - Columbus AFB
  - Laughlin AFB
  - NAS Meridian
  - NAS Pensacola
  - Shaw AFB
  - Tyndall AFB
  - Vance AFB
- And then …. We applied Military Value

FT JSF Initial Beddown

BASE	Mil Val	Rank	Reasoning
Eglin AFB	75.19	1	Does not have parallel runways for FTU/FRS and ADV Undergrad
Laughlin AFB	72.56	2	T-6 infrastructure
Tyndall AFB	71.23	3	F/A-22 Initial Beddown
Vance AFB	70.00	4	T-6 infrastructure (receiving 2005)
NAS Pensacola	69.96	5	NFO / NAV training base – Encroachment of Pensacola
Columbus AFB	69.50	6	Valid Option
NAS Kingsville	68.78	7	Valid Option
NAS Meridian	67.70	8	Valid Option
Shaw AFB	66.37	9	Valid Option
MCAS Beaufort	61.80	10	Valid Option
Moody AFB	61.33	11	Valid Option
Median	69.50		
Spread	13.87		

FT JSF Initial Beddown Selection

BASE	Mil Val	Rank	Reasoning
Eglin AFB	75.19	1	
Laughlin AFB	72.56	2	
Tyndall AFB	71.23	3	
Vance AFB	70.00	4	
NAS Pensacola	69.96	5	
Columbus AFB	69.50	6	
NAS Kingsville	68.78	7	
NAS Meridian	67.70	8	
Shaw AFB	66.37	9	
MCAS Beaufort	61.80	10	
Moody AFB	61.33	11	
Median	69.50		
Spread	13.87		

Data suggests Eglin AFB is best suited to host the initial JSF training mission … unless decision makers elect to pursue a Transformational alignment

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FT "Transformational" Option 1

Base	Mil Val	Student Throughput					Excess Runway Capacity	
		Primary	Advanced	NFO/CSO	Rotary	JSF	Before	After
NAS Pensacola	69.20			2066			71.25%	63.74%
Vance AFB	66.37	1070					38.81%	19.52%
Laughlin AFB	63.94	950					38.26%	31.40%
NAS Meridian	63.64						32.88%	
NAS Whiting Field	63.61						73.88%	
NAS Kingsville	63.34	587	117				64.66%	14.26%
Columbus AFB	62.88		609			250	36.21%	34.37%
Randolph AFB	62.62		600				77.54%	80.75%
Sheppard AFB	62.51	166	616				35.62%	19.66%
NAS Corpus Christi	61.89						42.00%	
Moody AFB	58.14						47.87%	
Altus AFB			407*					
Tinker AFB			45*					
Little Rock AFB			200*					
NAS Jacksonville			354**					
Fort Rucker	75.54				1882		82%	**77.6%**
NAS Whiting Field	63.26						50%	
Totals	65.80						52.90%	37.94

* Station T-1 aircraft at Altus, Tinker, and Little Rock to "feed" production requirements for C-130, C-17, KC-135, E-6, and E-3 aircraft in FY09

** Station TC-12 and T-44 aircraft at NAS Jacksonville to "feed" P-3 and tilt-rotor programs

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FT "Transformational" Option 2

Base	Mil Val	Student Throughput					Excess Runway Capacity	
		Primary	Advanced	NFO/CSO	Rotary	JSF	Before	After
NAS Pensacola	69.20			2066			71.25%	45.69%
Vance AFB	66.37	920					38.81%	29.59%
Laughlin AFB	63.94	850					38.26%	39.24%
NAS Meridian	63.64		167				32.88%	39.95%
NAS Whiting Field	63.61						73.88%	
NAS Kingsville	63.34		250			250	64.66%	33.20%
Columbus AFB	62.88		1109				36.21%	44.73%
Randolph AFB	62.62						77.54%	80.75%
Sheppard AFB	62.51	166	316				35.62%	19.66%
NAS Corpus Christi	61.89	837					42.00%	40.34%
Moody AFB	58.14						47.87%	
Altus AFB			407*					
Tinker AFB			45*					
Little Rock AFB			200*					
NAS Jacksonville			354**					
Fort Rucker	75.54				1882		82%	**77.6%**
NAS Whiting Field	63.26						50%	
Totals	65.80						52.90%	40.07%

* Station T-1 aircraft at Altus, Tinker, and Little Rock to "feed" production requirements for C-130, C-17, KC-135, E-6, and E-3 aircraft in FY09

** Station TC-12 and T-44 aircraft at NAS Jacksonville to "feed" P-3 and tilt-rotor programs

FT "Transformational Options" Option 1

Recommended

- Consolidate Undergraduate Primary Flight Training (T-6) programs
  - NAS Kingsville
  - Laughlin AFB
  - NAS Pensacola (NFO / CSO)
  - Vance AFB
- Re-align advanced phases of UFT with appropriate FRS / FTU (target non-operational bases if able)
  - Little Rock AFB (T-1)
  - Altus AFB (T-1)
  - Tinker AFB (T-1)
  - NAS Jacksonville (TC-12 / T-44)
  - Columbus AFB (JSF)
- Retain advanced training for F-15, F-16, & F-18 Programs
  - Sheppard AFB (ENJJPT)
  - NAS Kingsville
- Realign and re-locate units from the following USAF and USN Undergraduate Flying Training bases
  - NAS Corpus Christi
  - NAS Meridian
  - Moody AFB
  - NAS Whiting Field

Approved_____ Disapproved_____ Revised_____ Deferred_____

FT "Transformational Options" Option 2

Not Recommended

- Consolidate Undergraduate Primary Flight Training (T-6) programs
  - Laughlin AFB
  - NAS Corpus Christi
  - NAS Pensacola (NFO / CSO)
  - Vance AFB
- Re-align advanced phases of UFT with appropriate FRS / FTU (target non-operational bases if able)
  - Little Rock AFB (T-1)
  - Altus AFB (T-1)
  - Tinker AFB (T-1)
  - NAS Jacksonville (TC-12 / T-44)
  - NAS Kingsville (JSF)
- Retain advanced training for F-15, F-16, & F-18 Programs
  - Columbus AFB
  - Randolph AFB (USAF PIT)
  - Sheppard AFB (ENJJPT)
  - NAS Meridian
- Realign and re-locate units from the following USAF and USN Undergraduate Flying Training bases
  - Moody AFB
  - Randolph AFB
  - NAS Whiting Field

Approved_____ Disapproved_____ Revised_____ Deferred_____

FT Wrap Up

Base	Now	Status Quo		Cooperative	
		1	2	1	2
NAS Pensacola	NFO/CSO	NFO/RW	X	NFO/CSO	NFO/CSO
Vance AFB	Pri/Adv	CSO/Pri/Adv	ENJJPT/Pri	Pri	Pri
Laughlin AFB	Pri/Adv	Pri/Adv	Pri/Adv	Pri	Pri
NAS Meridian	Adv	Pri	Adv	Pri	Adv
NAS Whiting Field	Pri/RW	X	Pri/RW	X	Pri
NAS Kingsville	Adv	Adv	NFO/Adv	Adv	Adv
Columbus AFB	Pri/Adv	Pri/Adv/IFF	Pri/Adv	Adv/IFF	Adv/IFF
Randolph AFB	NFO/CSO/PIT	X	CSO/IFF/PIT/Adv	X	X
Sheppard AFB	ENJJPT	ENJJPT/PIT	X	ENJJPT/PIT	ENJJPT/PIT
NAS Corpus Christi	Pri/Adv	Pri/Adv	Pri/Adv	Adv	X
Moody AFB	Pri/IFF	X	X	X	X
Altus AFB	FTU	N/A	N/A	N/A	N/A
Tinker AFB	FTU	N/A	N/A	N/A	N/A
Little Rock AFB	FTU	N/A	N/A	N/A	N/A
NAS Jacksonville	FRS	N/A	N/A	N/A	N/A
Fort Rucker	RW	RW	RW	RW	RW

FT Wrap Up

Base	Now	JSF Transformational	
		1	2
NAS Pensacola	NFO/CSO	NFO/CSO	NFO/CSO
Vance AFB	Pri/Adv	Pri	Pri
Laughlin AFB	Pri/Adv	Pri	Pri
NAS Meridian	Adv	X	Adv
NAS Whiting Field	Pri/RW	X	X
NAS Kingsville	Adv	Pri/Adv	JSF/Adv
Columbus AFB	Pri/Adv	JSF/Adv/IFF	Adv/PIT/IFF
Randolph AFB	NFO/CSO/PIT	PIT	X
Sheppard AFB	ENJJPT	ENJJPT/PIT/Adv/IFF	ENJJPT
NAS Corpus Christi	Pri/Adv	X	Pri
Moody AFB	Pri/IFF	X	X
Altus AFB	FTU	Adv/FTU	Adv/FTU
Tinker AFB	FTU	Adv/FTU	Adv/FTU
Little Rock AFB	FTU	Adv/FTU	Adv/FTU
NAS Jacksonville	FRS	Adv/FRS	Adv/FRS
Fort Rucker	RW	RW	RW

FT Wrap Up

Not Recommended (Request permission to remove from "Tracker")

- Realign the following bases by establishing Joint Fleet Replacement Squadron/ Formal Training Unit (FRS/FTU) for USAF, USN, and USMC Joint Strike Fighter (JSF) graduate-level flight training and co-locating it with the advanced phase of a joint undergraduate flight training (T-45/T-38) program
  - NAS Kingsville (Initial)
  - Moody AFB
  - Eglin AFB

- Rationale: Replaced with proposals in this brief

- Realign NAS Whiting Field by establishing a DoD Undergraduate Rotary-wing Flight Training Center of Excellence

- Rationale: Insufficient capacity to accommodate operations

Flight Training Subgroup

Stand Ready to Answer

QUESTIONS?

Ranges Subgroup

T&E Open Air Ranges

18 November 2004

Outline

- Military Value Methodology and Summary
- Scenario Update
  - Reviewed previously registered scenarios
    - Data-driven rationale
    - Integration opportunities with Technical JCSG
  - 4 Additional Scenarios
  - Request withdrawal of 1 registered scenario

Military Value Methodology

T&E Open Air Ranges

Military Value score for each OAR - **$S(OAR_x)$ for Open-Air Range X, is the sum of weighted (w_i) normalized scores (0-100) for each of the four BRAC 2005 criteria ($Criterion_{1\ to\ 4}$):**

$$S(OAR_x) = \Sigma w_i S(Criterion_i)$$
$$= w_1 S(\text{Mission}) + w_2 S(\text{Land/Facility}) + w_3 S(\text{Mobilization/Future Force}) + w_4 S(\text{Cost});$$

$S(Criterion_i)$ is the sum of the weighted (y_j) normalized scores (0-100) for all attributes for that criterion:

$$S(Criterion_i) = \Sigma y_j S(Attributes)$$
$$= y_1 S(\text{Personnel}) + y_2 S(\text{Workload}) + y_3 S(\text{Physical Plant}) + y_4 S(\text{Synergy}) + y_5 S(\text{Encroachment})$$

Military Value Weights

5 Attributes
14 Metrics
10 Components

				CRITERIA			
	ATTRIBUTES	GLOBAL WEIGHT	METRICS	Mission (0.30)	Land/ Facility (0.50)	Mobilization/ Future (0.10)	Cost (0.10)
1	**Personnel**	**0.14**		0.25	0.00	0.25	0.40
1-1		0.07	Experience	0.70	0.00	0.70	0.00
1-2		0.015	Education	0.15	0.00	0.15	0.00
1-3		0.015	Certification	0.15	0.00	0.15	0.00
1-4		0.04	Cost	0.00	0.00	0.00	1.00
2	**Workload**	**0.07**		0.20	0.00	0.10	0.00
3	**Physical Plant**	**0.4**		0.20	0.55	0.25	0.40
3-1		0.144	Available Space	0.40	0.40	0.40	0.00
3-2		0.072	Natural Features	0.20	0.20	0.20	0.00
3-3		0.108	Range Facilities	0.30	0.30	0.30	0.00
3-4		0.036	Lost Hours	0.10	0.10	0.10	0.00
3-5		0.04	Physical Plant Costs	0.00	0.00	0.00	1.00
4	**Synergy**	**0.14**		0.15	0.15	0.20	0.00
4-1		0.028	Multiple T&E Functions	0.20	0.20	0.20	0.00
4-2		0.042	Jointness	0.30	0.30	0.30	0.00
4-3		0.07	Co-Location	0.50	0.50	0.50	0.00
5	**Encroachment**	**0.25**		0.20	0.30	0.20	0.20
5-1		0.23	Limitation	1.00	1.00	1.00	0.00
5-2		0.02	Encroachment Costs	0.00	0.00	0.00	1.00

Caveats

Military Value Analysis

Data

- Analysis based on 8 Nov 04 OSD database
- Includes manual updates of some certified Service data not yet in OSD database
- Airspace volume - used Trainers IVT data instead of OSD data – clarifications needed to cap altitude at 50k feet

Ranking sensitivity
- Scores range from 11-72pts
- Additional clarifications required for cross-Service consistency
- Remaining data changes could impact scores by up to 10%

Analysis

- Airspace – manually modified airspace consistent with TESWG airspace issue papers
- Airspace SLDistance – modified outlier data based on range maps
- Sea space – modified outlier data based on range maps
- Encroachment
    - Limitation – did not penalize ranges for reporting N/A
    - Costs – some responses to be clarified
- Jointness – data inconsistencies to be clarified

Preliminary Military Value Scores

T&E Open Air Ranges

Rank	Source	OrgName	Total WT PTS	Personnel	Workload	Physical Plant	Synergy	Encroachment
1	USA	WHITE SANDS MISSILE RANGE	72.5	10.02	1.40	26.21	13.44	21.45
2	USAF	EGLIN AFB	68.1	3.39	1.60	27.35	10.96	24.84
3	USN	NAVAIRWARCENWPNDIV_PT_MUGU_CA	66.7	2.36	0.22	27.97	11.13	24.99
4	USAF	EDWARDS AFB	60.7	2.23	1.82	21.18	12.32	23.15
5	USN	COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA	60.0	2.02	0.24	27.46	9.03	24.97
6	USAF	HILL AFB	59.7	1.25	0.03	27.32	6.86	24.26
7	USA	ABERDEEN PROVING GROUND	58.8	4.65	7.00	22.71	10.22	17.42
8	USA	YUMA PROVING GROUND	58.4	3.65	4.03	24.13	4.90	21.69
9	USN	COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD	58.1	1.09	1.96	21.19	8.86	23.95
10	USA	FORT HUACHUCA	55.5	0.59	0.32	20.59	9.35	24.71
11	USN	NAVUNSEAWARCENDIV_KEYPORT_WA	54.6	0.90	0.06	20.94	8.30	24.42
12	USN	NAVSURFWARCEN_COASTSYSSTA_PANAMA_CITY_FL	51.6	0.43	0.16	18.73	7.28	24.99
13	USN	PACMISRANFAC_HAWAREA_BARKING_SANDS_HI	49.5	1.01	0.10	22.70	6.76	18.95
14	USAF	NELLIS AFB	49.2	0.26	0.25	24.40	2.49	21.81
15	USAF	VANDENBERG AFB	48.8	1.57	1.85	18.60	5.85	20.91
16	USA	REDSTONE ARSENAL	48.6	0.76	1.41	12.48	11.83	22.08
17	USA	FORT KNOX	46.2	1.09	0.37	14.40	5.50	24.87
18	USA	PICATINNY ARSENAL	45.0	0.86	0.63	10.35	8.79	24.35
19	USN	NAVSURFWARCENDIV_DAHLGREN_VA	44.5	0.31	0.16	12.79	8.47	22.74
20	USA	FORT SILL	44.0	2.01	0.23	17.04	1.68	23.00
21	USAF	LUKE AFB	43.3	0.23	0.02	16.96	3.05	23.02
22	USA	DUGWAY PROVING GROUND	42.7	2.24	1.29	14.38	4.83	22.61

Preliminary Military Value Scores

T&E Open Air Ranges (continued)

Rank	Source	OrgName	Total WT PTS	Personnel	Workload	Physical Plant	Synergy	Encroachment
23	USA	FORT BRAGG	42.3	-	0.04	16.33	2.73	23.15
24	USA	FORT A P HILL	40.2	1.66	0.72	9.03	4.10	24.74
25	USA	FORT LEONARD WOOD	40.1	0.91	0.12	11.24	5.39	22.48
26	USN	CG_MAGTF_TRNGCOM	40.0	0.64	0.20	14.83	4.27	24.44
27	USA	FORT RUCKER	39.5	1.06	0.40	11.68	3.05	23.30
28	USA	FORT BLISS	39.4	0.32	0.01	15.29	1.12	22.61
29	USA	FORT EUSTIS *	38.3	1.61	0.22	14.66	2.17	19.60
30	USN	MCAS_YUMA_AZ	37.4	0.01	0.00	9.82	4.34	23.26
31	USA	FORT WAINWRIGHT	36.7	0.25	0.62	10.92	2.73	22.22
32	USN	NAS_KEY_WEST_FL	35.5	0.28	0.21	9.64	2.73	22.61
33	USA	FORT BELVOIR	33.8	0.41	0.21	11.46	0.56	21.17
34	USN	NAVSTKAIRWARCEN_FALLON_NV	33.5	0.16	0.01	10.61	2.17	20.51
35	USA	FORT HOOD	32.7	-	0.18	10.52	2.24	19.73
36	USAF	ELLSWORTH AFB	32.2	0.01	0.00	7.80	1.61	22.74
37	USAF	MCCONNELL AFB	31.9	0.12	0.00	8.26	0.56	23.00
38	USA	NTC AND FORT IRWIN CA	31.6	0.05	0.02	12.66	1.44	17.46
39	USN	MCAS_BEAUFORT_SC	31.3	0.07	-	8.03	0.56	22.61
40	USAF	BUCKLEY AFB	31.1	0.02	-	6.31	1.61	22.48
41	USN	COMSUBLANT_NORFOLK_VA	30.3	4.01	0.01	7.25	0.56	21.60
42	USN	MCMWTC	28.7	0.02	0.04	5.15	0.56	22.90
43	USN	CG_MCB_CAMPEN	28.2	1.35	1.73	13.34	3.22	12.05
44	USA	HAWTHORNE ARMY DEPOT	11.6	0.01	0.08	7.81	3.71	-

* Delete from OAR list – 17 Nov - recertified as measurement facility

Consolidate Rotary Wing Air Vehicle T&E OAR Workload to 2 Locations (PAX River and Redstone Arsenal)

Proposal

- Consolidate T&E OAR capabilities and workload for manned and unmanned rotary wing air vehicle (including tilt rotor) and associated avionics, propulsion, airframes with primary R&D and D&A sites.
- Gaining Locations: NAWC-AD Patuxent River and Redstone Arsenal
- Losing Locations: Edwards AFB, Ft Rucker

Drivers(D)/Assumptions(A)

- (A) Difficult/expensive to replace/unique capabilities at existing sites should be retained.
- (A) Electronic Combat and Air Armament specific OAR work will be done elsewhere.
- (A) Two OARs are required to support rotary wing air vehicle T&E workload.
- (A) Sea-ship interface and Navy shipboard compatibility work will remain at NAWC-AD Patuxent River
- (A) All tilt-rotor work will be consolidated at NAWC-AD Patuxent River.
- (A) "Legacy" rotary wing workload will remain with respective Service.

Justification/Impact

- Enhances synergy of T&E OAR rotary wing aircraft work with rotary wing research, development, acquisition, and non-OAR T&E work already at NAWC-AD Patuxent River (H-60, H-1, H-53, V-22) and Redstone Arsenal.

Potential Conflicts

- TJCSG potentially has three competing rotary wing scenarios. This is one of three TESWG OAR scenarios that are compatible with the individual TJCSG companion scenarios. Coordination, including consolidation of the respective scenario data calls, is required.

Consolidate Rotary Wing Air Vehicle T&E OAR Workload to 1 Location (PAX River)

NEW

Proposal

- Consolidate T&E OAR capabilities and workload for manned and unmanned rotary wing air vehicle (including tilt rotor) and associated avionics, propulsion, airframes at a single site.
- Gaining Locations: NAWC-AD Patuxent River
- Losing Locations: Edwards AFB, Ft Rucker, Redstone Arsenal

Drivers(D)/Assumptions(A)

- (D) Support "cross-Service utilization" and "joint management" transformation initiatives for T&E OARs.
- (D) Promote and support systems "born joint."
- (A) Difficult/expensive to replace/unique capabilities at existing sites should be retained.
- (A) Electronic Combat and Air Armament specific OAR work will be done elsewhere.
- (A) Service led joint management structure will be adopted.

Justification/Impact

- Minimizes duplication of OAR equipment, manning and instrumentation through consolidation of all Rotary wing workload at a single site and through use of existing infrastructure (range and technical) at NAWC-AD Patuxent River.
- Fosters interoperability while providing capabilities required for Rotary Wing Air Vehicle T&E (T&E resource categories, D&A infrastructure and Navy PMs, and Test Pilot School in existence at Patuxent River).
- Enhances synergy of T&E OAR rotary wing aircraft OAR work with rotary wing research, development, acquisition, and non-OAR T&E work already at Patuxent River (H-60, H-1, H-53, V-22).

Potential Conflicts

- TJCSG potentially has three competing rotary wing scenarios. This is one of three TESWG OAR scenarios that are compatible with the individual TJCSG companion scenarios. Coordination, including consolidation of the respective scenario data calls, is required.

Consolidate Rotary Wing Air Vehicle T&E OAR Workload to 1 Location (Redstone Arsenal)

NEW

Proposal

- Consolidate T&E OAR capabilities and workload for manned and unmanned rotary wing air vehicle (including tilt rotor) and associated avionics, propulsion, airframes at a single site.
- Gaining Locations: Redstone Arsenal, NAWC-AD Patuxent River (specialty)
- Losing Locations: Edwards AFB, Ft Rucker, NAWC-AD Patuxent River

Drivers(D)/Assumptions(A)

- (D) Support "cross-Service utilization" and "joint management" transformation initiatives for T&E OARs.
- (D) Promote and support systems "born joint."
- (A) Difficult/expensive to replace/unique capabilities at existing sites should be retained.
- (A) Electronic Combat and Air Armament specific OAR work will be done elsewhere.
- (A) Sea-ship interface and Navy shipboard compatibility work will remain as a specialty at NAWC-AD Patuxent River.
- (A) Service led joint management structure will be adopted.

Justification/Impact

- Minimizes duplication of OAR equipment, manning and instrumentation through use of existing infrastructure (range and technical) at Redstone Arsenal .
- Fosters interoperability while providing capabilities required for Rotary Wing Air Vehicle T&E (D&A infrastructure and Army PMs resident at Redstone Arsenal).
- Enhances synergy of T&E OAR rotary wing aircraft work with rotary wing development, acquisition, and non-OAR T&E work already at Redstone Arsenal.

Potential Conflicts

- TJCSG potentially has three competing rotary wing scenarios. This is one of three TESWG OAR scenarios that are compatible with the individual TJCSG companion scenarios. Coordination, including consolidation of the respective scenario data calls, is required.

Consolidate Air-Launched Munitions T&E OAR Workload to a Western Weapons/ Air Platform/ EC Complex

NEW

Proposal

- Establish a Joint Air-launched Weapons Complex contiguous to USAF air vehicle T&E on the West Coast with retained specialty sites.
- Consolidate T&E OAR capabilities and workload for air to surface and air to air, guided and unguided weapons, and associated seekers, warheads, guidance and control, propulsion and airframes to a R2508/Point Mugu/Vandenberg complex with retained specialty sites.
- Gaining Locations: Edwards AFB, China Lake, Pt Mugu, Vandenberg AFB.
- Losing (Specialty) Locations: Eglin AFB (climatic/terrain), NAWC-AD Patuxent River (platform integration).

Drivers(D)/Assumptions(A)

- (D) Support "cross-Service utilization" and "joint management" transformation initiatives for T&E OARs.
- (D) Promote and support systems "born joint."
- (A) Retains Patuxent River and Eglin air-launched munitions specialty OAR T&E capabilities.
- (A) Edwards, China Lake, Point Mugu, and Vandenberg OAR would be jointly managed under service leadership.

Justification/Impact

- Complex collocates Air Force air platform, munitions, and EC OAR testing.
- Complex collocates most air-launched munitions and EC OAR T&E workload.
- Reduces T&E workload at Eglin AFB to provide for increased aircraft basing and training in the Gulf of Mexico.
- Fosters interoperability while providing joint capabilities required for Air-launched Munitions T&E.

Potential Conflicts

- TJCSG scenarios have China Lake as one of three Armament hubs. Eglin is also a hub.
- Breaks R&D, D&A, non OAR T&E synergy at Eglin.
- Significant movement of air-launched munitons OAR T&E workload proposed.
- Air Force does not agree with this proposal.

Transforming Through Base Realignment and Closure

Consolidate Air-Launched Munitions T&E OAR Workload to a Weapons/ Air Platform/ EC Complex

NEW

Proposal

- Consolidate T&E OAR capabilities and workload for air to surface and air to air, guided and unguided weapons, and associated seekers, warheads, guidance and control, propulsion and airframes to a R2508/Point Mugu/Vandenberg/Eglin complex with retained specialty site.
- Gaining Locations: Edwards AFB, China Lake, Pt Mugu, Vandenberg AFB, Eglin AFB
- Losing (Specialty) Location: NAWC-AD Patuxent River (platform integration).

Drivers(D)/Assumptions(A)

- Status Quo provides joint systems capability.
- (A) Retain Patuxent River air-launched munitions specialty OAR T&E capability.
- (A) Edwards, China Lake, Point Mugu, Eglin, and Vandenberg OAR would be jointly managed under service leadership.

Justification/Impact

- TJCSG scenarios have China Lake and Eglin as Armament hubs.
- Maintains interoperability while providing joint capabilities required for Air-launched Munitions T&E.

Potential Conflicts

- None