BRAC 2005
EDUCATION AND TRAINING JOINT CROSS-SERVICE GROUP
MEETING MINUTES OF NOVEMBER 4, 2004

The Assistant Secretary of the Air Force (Manpower and Reserve Affairs), Mr. Dominguez, presided over the 31st meeting of the E&T JCSG as acting chair. 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 has 20 active scenarios registered in the ISG Tracking tool. Approximately 40 proposals are still in development for E&T JCSG review. Mr. Howlett then briefed an anticipated BRAC workload over the next year. It is important for all E&T JCSG participants to understand that while work will fluctuate, there will be a need to have knowledgeable people in the four subgroups available through December 2005. Mr. Dominguez then encouraged E&T JCSG participants to attend the Army Senior Review Group pre-brief on the Institutional Army with the "intent" to minimize discussion and de-conflictions at higher levels.

the requirement for

Subgroup Chairmen or their representative (RADM George Mayer, Col Jerry Lynes, Col James Briggs, and Mr. Thomas Macia) briefed Subgroup status of data collection efforts for Capacity and Military Value and/or proposals (Attachment 2). The following is a summary of the discussions:

- Mr. Belcher described the analytical process for developing flight training scenarios. The optimization model will be used for Undergraduate fixed wing pilot and undergraduate NFO / NAV analysis. However, since the Undergraduate rotary wing flight training only has three possible scenarios, no optimization model will be used for that sub function. Joint Strike Fighter (JSF) and Unmanned Aerial Vehicle (UAV) initial training sites will be selected by analyzing (spreadsheets) capacity, military value and characteristics of potential receiving sites. A criteria matrix will be used to select potential receivers. Three potential variations for consolidating undergraduate fixed wing pilot training were reviewed. The first option is a status quo option, which maintains the current relationships of training functions and consolidates them down to the fewest bases. The second option is a "cooperative options" alternative. It combines like training across Services, for example combining NAV / NFO and primary pilot training. There was some discussion about taking this option a little further. The Subgroup was asked to consider further combining Strike / Fighter NFO and Strike NFO functions. (One flies T-6 and the other flies T-45, maybe they could all fly T-45?) The third option is the undergraduate — graduate transformation option which would combine advanced undergraduate pilot training (T-45 / T-38) with the JSF Initial Training Center (ITC).

  - ***VADM Hoewing voiced some trepidation with the concept of how the Subgroup selected the JSF ITC. The Flight Training Subgroup was tasked to provide a briefing to the E&T JCSG on their selection process.***

- ***The JCSG did not approve giving pilot training function 20% more weight than NFO / Nav training for modeling purposes.*** Instead, they asked the Flight Training Subgroup to run the model by placing pilot training first, and then placing NAV / NFO functions. Also, if FY08 is the highest number throughout the 20 year Force Structure plan for student throughput, then that number would be appropriate to use. The model should also allow for some expansion to determine if some amount of military construction (extending a runway for example) might allow enough consolidation to clear out another base of its flight training function.

- ***The E&T JCSG approved the proposed rules:***
  - Keep single-sited functions single-sited
  - Define minimum assignments
  - Exclude functions from some bases (no jets at NAS Whiting Field.)

- ***The E&T JCSG also determined that the political considerations for removing flight training functions were under the purview of the ISG, not the JCSG. Therefore, the subgroup did not need to consider NATO responsibilities at Sheppard AFB, TX as a constraint on the optimization tool.***

- Professional Development Education capacity and military value data is available and ready for analysis. Military Value Analysis and final proposals should be ready to present to the E&T JCSG for deliberation at the next meeting.

- Specialized Skills Training is still missing Army capacity and military value data. Mr. Dominguez asked the Army Principal to see if responses to requests for clarification could be expedited. ***He then asked subgroup chair to contact him if they will not be able to have final data-driven proposals ready for E&T JCSG review by 10 November 2004.*** The subgroup then briefed seven Navy proposals under E&T JCSG authority and recommended Navy continue with proposal development and analysis, but the E&T JCSG function imbedded therein be analyzed under the authority and over-watch of the E&T JCSG. The remaining proposals were deferred until the next meeting due to time constraints and the need to address some Range issues.

- Missing capacity and military value data is still being worked. Over 92% of the capacity data and 44% of the military value data is available which will impact the Range Subgroup's ability to complete required analysis by 10 Nov. ***Mr Dominguez then asked the Subgroup chair to contact him if they will not be able to have final data-driven proposals ready for E&T JCSG review by 10 November 2004.*** Ranges briefed that there is going discussion at the Subgroup level on exactly what airspace should be attributable to Eglin AFB in determining capacity and military value. ***This issue is still being worked and will be briefed at a later E&T JCSG meeting.*** The Ranges Subgroup re-engaged with JFCOM as directed by the E&T JCSG at the 28 October meeting. The

concept of Joint Range Complexes reinforces on-going JFCOM Joint National Training Center (JNTC) development. Additionally, the ability to create, Joint Planning and Coordination staffs at highest value location would enhance JNTC. The Subgroup offered 16 proposals for E&T JCSG consideration; however, these were deferred since they were strategy, not data driven, proposals.

The next scheduled meeting of the E&T JCSG is Wednesday, November 10, 2004.

Approved: _____ as amended on 11/17/04 Page 1 [illegible]
MICHAEL L. DOMINGUEZ
Assistant Secretary of the Air Force
(Manpower and Reserve Affairs)
Acting Chairman, Education & Training
Joint Cross-Service Group

Attachments:
1. List of Attendees, November 4, 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 4, 2004

Attendees

Members:

- Mr. Michael L. Dominguez, Assistant Secretary of the Air Force (Manpower and Reserve Affairs)
- VADM G. Hoewing, USN, Chief Navy Personnel (N1)Mr. James Gunlicks, Army G-3 Training (DAMO-TR)
- Col Mike Massoth, USMC, Deputy Director, Training and Education Command
- Mr. James Gunlicks, Army G-3 Training (DAMO-TR)
- Col Jerry Lynes, USMC, Division Chief, Joint Education & Doctrine, J-7

Others:

- Dr. Paul Mayberry, Deputy Under Secretary of Defense for Readiness
- RADM George Mayer, USN, Flight 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
- Mr. Brian Buzzell, OSD BRAC Contract Support
- CAPT Gene Summerlin, USN, Navy BRAC, Flight Training Subgroup
- Col James Briggs, USAF, AETC/DOO, Specialized Skill Training Subgroup
- CAPT Cathy Osman, USN, JCS/J-7, JEB
- Col Jimmie Simmons, USAF, AETC/DOR, Flight Training Subgroup
- Mr. Thomas Macia, DAMO-TRS, Ranges Subgroup
- Col Joanna Shumaker, USAF, AF DPX
- Col Sam Walker, USAF, E&T JCSG, PDE Subgroup
- Dr. John Foulkes, E&T JCSG Ranges, T&E Working group chair
- Ms. Beth Schaefer, DoD/IG
- Lt Col Anne Fitch, USAF, Air Force BRAC
- Mr. Bob Harrison, DAMO-TR
- Capt Ernest Wearren, USAF, SAF/IEBJ
- Mr. Steve Belcher, DON IAT Contract Support
- SSG Kevin Lipscomb, USA, E&T JCSG Coordination Team

E&T JCSG Principals Meeting

4 November 2004

Mr. Mike Dominguez
Acting Chair, E&T JCSG

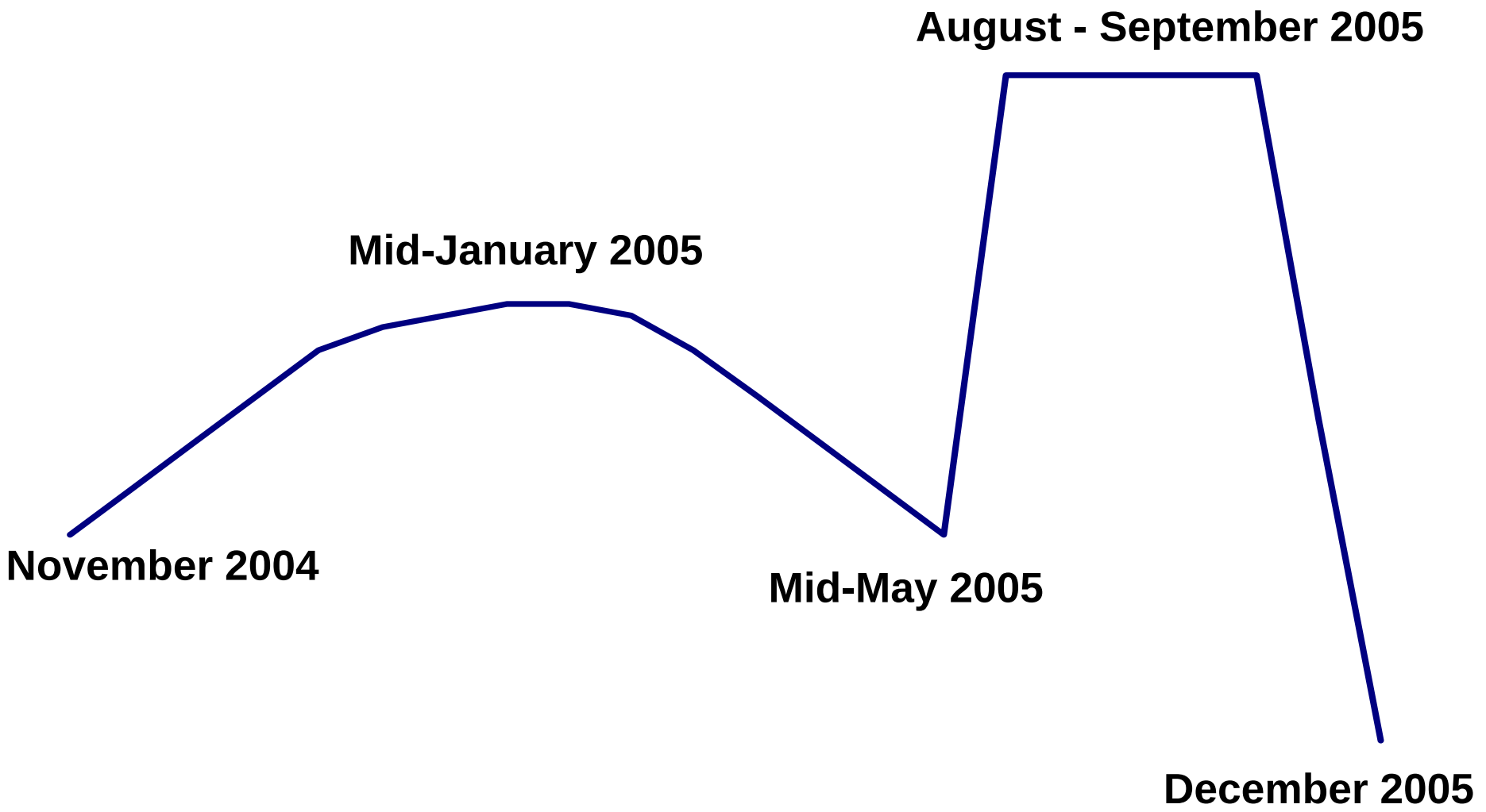
Agenda

- Please sign the “Sign-In” sheets
- Issues/Concerns
  - BRAC Timeline
  - Scenario Update
- Subgroup Updates
  - Flight Training
  - Professional Development Education
  - Specialized Skill Training
  - Ranges
- Summary

Scenario Development Summary

	Total	Active	Scenarios Ready for Data Call	Estimated Proposals In Development
Flight Training	4	4		3
Professional Development Education	7	7		8
Specialized Skill Training	7	5	1	9-11
Ranges				
▪ Training	2	2		16
▪ T&E	2	2		6
TOTAL	22	20	1	42-44

Anticipated BRAC 2005 Workload



Flight Training Update

Flight Training Subgroup Capacity Update

Status of Requests for Capacity Clarification (RFC) as of 2 Nov 04

	Total RFC	Total RFCs Closed	RFCs Closed This Week	RFCs Still Open	#< 2 weeks	# 2 to 3 weeks	# over 4 weeks	Actions Taken
Army	9	9	0	0	0	0	0	
Navy / USMC	83	83	0	0	0	0	0	
Air Force	58	58	0	0	0	0	0	
DoD	0	0	0	0	0	0	0	
Total	150	150	0	0	0	0	0	

FT Subgroup Military Value Update

Status of Military Value Requests for Clarification (RFC) as of Nov 2 04

Army	**8**	**6**	**0**	**2**	**0**	**2**	**0**	Near resolution with Army BRAC & Ms Simmons-Ft Rucker on 2 remaining Qs (expect 1 ans 11/2)
Navy / USMC	**41**	**39**	**7**	**2**	**0**	**2**	**0**	Near resolution with Navy BRAC rep on 4 remaining (expect ans next day or so)
Air Force	**141**	**139**	**8**	**2**	**0**	**2**	**0**	Near resolution w/ AF BRAC rep-expect 3 remaining Qs-answered next day or 2-several in final validation)
DoD	0	0	0	0	0	0	0	
Total	190	184	15	6	0	6	0	

Flight Training

“Scenario Development Analytical Process”

separate briefing

Professional Development Education Update

PDE Subgroup Capacity Update

Status of Capacity Requests for Clarification (RFC) as of 2 Nov 04

	TOTAL RFC	TOTAL RFCs Closed	RFCs Closed This Week	RFCs Still Open	# ≤ 2 weeks	# 2 to 3 weeks	# over 4 weeks	Actions Taken
Army	65	64	13	1	0	0	1	Response had to be resubmitted, expect closure this week.
Navy / USMC	39	39	0	0	0	0	0	
Air Force	29	29	0	0	0	0	0	
DoD	26	26	0	0	0	0	0	
Total	159	158	13	1	0	0	1	

PDE Subgroup Military Value Update

Status of Military Value Requests for Clarification (RFC) as of Nov 2 04

	TOTAL MIL VAL RFC	TOTAL MIL VAL RFCs Closed	MIL VAL RFCs Closed This Week	MIL VAL RFCs Still Open	# ≤ 2 weeks	# 2 to 3 weeks	# over 4 weeks	Actions Taken
Army	38	38	28	0	0	0	0	
Navy / USMC	5	4	0	1	1	0	0	Response updated, activity notified will have data in one week.
Air Force	21	16	20	0	0	0	0	Awaiting Cert Ltr for 4 RFCs
DoD	8	7	0	1		1	0	DCAA contacted, data sent resent.
Total	72	70	48	2	1	1	0	

Specialized Skill Training Update

SST Subgroup Capacity Update

Status of Capacity Requests for Clarification (RFC) as of 2 Nov 04

	TOTA LRFC	TOTAL RFCs Closed	RFCs Closed This Week	RFCs Still Open	# ≤ 2 weeks	# 2 to 3 weeks	# over 4 weeks	Actions Taken
Army	311	288	0	23	21	0	2	Army team in-place answering Question #104
Navy/ USMC	317	317	0	0	0	0	0	
Air Force	159	159	0	0	0	0	0	
DoD	10	10	0	0	0	0	0	
Total	797	774	0	23	21	0	0	

SST Subgroup Military Value Update

Status of Military Value Requests for Clarification (RFC) as of 2 Nov 04

	TOTAL RFC	TOTAL RFCs Closed	RFCs Closed This Week	RFCs Still Open	# ≤ 2 weeks	# 2 to 3 weeks	# over 4 weeks	Actions Taken
Army	83	50	22	33	0	33	0	Army TABS Working
Navy / USMC	78	78	0	0	0	0	0	
Air Force	43	41	1	2	2	0	0	Air Force BRAC Working
DoD	0	0	0	0	0	0	0	
Total	204	169	23	35	2	33	0	

Department of the Navy

DON Analysis Group

Close NAVSTA Ingleside and Realign NAS Corpus Christi
San Diego and Little Creek Receive (*IAT-0002*)

Scenario

- **Close NAVSTA Ingleside**
  - **Move MHC/MCM forces to NAVSTA San Diego and NAVPHIBASE Little Creek (50% split)**
  - **Move MINEWARTRACEN (MWTC) to FLTASWTRACEN San Diego**
  - **Move COMINEWARCOM from Corpus Christi to NAVSTA San Diego**
  - **Move HM-15 from Corpus Christi to NAS North Island**
  - **Consolidate SIMA/AIMD**

Drivers/Assumptions

- **Principle: Deploy and Employ**
- **DON Objective: Maximize use of capacity in fleet concentration areas while maintaining fleet dispersal and viable AT/FP capability**

Justification/Impact

- **Reduces Excess Capacity. Saves $$ by closing entire installation**
- **Enhances shift to organic MIW by move to Fleet concentration areas**
- **Support Homeland security with forces on both coasts and in FCA**

Potential Conflicts

- **With NAVSTA Pascagoula scenario, no homeported Surface presence in Gulf Coast**
- **Single site MWTC will not avail all MIW sailors to local training opportunities**
- **Requires Industrial and E&T JCSG coordination**
- **USCG Ships**

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14 October 2004 Draft Deliberative Document - For Discussion Purposes Only - Do Not Release Under FOIA

Recommendation: USN continue with scenario but with E&T function analyzed by USN under the authority and overwatch of E&T JCSG. Mine Warfare training unique to Navy, no SST scenarios involve Mine Warfare training or Ingleside.

Department of the Navy

DON Analysis Group

Close NAVSTA Ingleside and Realign NAS Corpus Christi San Diego and Mayport Receive (*IAT-0002A*)

Scenario

- **Close NAVSTA Ingleside**
  - **Move MHC/MCM forces to NAVSTA San Diego and NAVSTA Mayport (50% split)**
  - **Move MINEWARTRACEN (MWTC) to FLTASWTRACEN San Diego**
  - **Move COMINEWARCOM from Corpus Christi to NAVSTA San Diego**
  - **Move HM-15 from Corpus Christi to NAS North Island**
  - **Consolidate SIMA/AIMD**

Drivers/Assumptions

- **Principle: Deploy and Employ**
- **DON Objective: Maximize use of capacity in fleet concentration areas while maintaining fleet dispersal and viable AT/FP capability**

Justification/Impact

- **Reduces Excess Capacity. Saves $$ by closing entire installation**
- **Reserves NAB LITTLE CREEK capacity for future ships (LCS)**
- **Enhances shift to organic MIW by move to Fleet concentration areas**
- **Support Homeland security with forces on both coasts and in FCA**

Potential Conflicts

- **With NAVSTA Pascagoula scenario, no homeported Surface presence in Gulf Coast**
- **Single site MWTC will not avail all MIW sailors to local training opportunities**
- **Requires Industrial and E&T JCSG coordination**
- **Coast Guard Tenant**

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Recommendation: USN continue with scenario but with E&T function analyzed by USN under the authority and overwatch of E&T JCSG. Mine Warfare training unique to Navy, no SST scenarios involve Mine Warfare training or Ingleside.

Department of the Navy

DON Analysis Group

Close NAVSTA Ingleside and Realign NAS Corpus Christi
NAVSTA San Diego Receives (*IAT-0002B*)

Scenario

- **Close NAVSTA Ingleside**
  - **Move MHC/MCM forces to NAVSTA San Diego**
  - **Move MINEWARTRACEN (MWTC) to FLTASWTRACEN San Diego**
  - **Move COMINEWARCOM from Corpus Christi to NAVSTA San Diego**
  - **Move HM-15 from Corpus Christi to NAS North Island**
  - **Consolidate SIMA/AIMD**

Drivers/Assumptions

- **Principle: Deploy and Employ**
- **DON Objective: Maximize use of capacity in fleet concentration areas while maintaining fleet dispersal and viable AT/FP capability**

Justification/Impact

- **Reduces Excess Capacity. Saves $$ by closing entire installation**
- **Enhances shift to organic MIW by move to Fleet concentration area**
- **Co-locating all ships and MWTC reduces TAD costs for pipeline training and allows for more local training opportunities**

Potential Conflicts

- **With NAVSTA Pascagoula scenario, no homeported Surface presence in US Gulf Coast**
- **Requires E&T and Industrial JCSG coordination**
- **Coast Guard Tenant**

Recommendation: USN continue with scenario but with E&T function analyzed by USN under the authority and overwatch of E&T JCSG. Mine Warfare training unique to Navy, no SST scenarios involve Mine Warfare training or Ingleside.

Department of the Navy

DON Analysis Group

Close SUBASE New London (Norfolk and Kings Bay Receive) (*IAT-0003*)

Scenario	Drivers/Assumptions
• Close SUBASE New London – Relocate 17 SSNs to NAVSTA Norfolk and Kings Bay – Consolidate Sub Support Facility – Relocate NAVSUBSCOL to Norfolk – Relocate NSGA Groton to Norfolk – Consolidate NAVAMBCARECEN Groton with NAVMEDCEN Portsmouth VA	• Principle: Deploy and Employ • DON Objective: Maximize use of capacity in fleet concentration areas while maintaining fleet dispersal and viable AT/FP capability
Justification/Impact	**Potential Conflicts**
• Saves $$ by completely closing New London • Norfolk and Kings Bay capacity can support SSNs • Dual sites SSNs on East coast - maintains redundancy	• Unique NAVSUBSCOL facilities costly and difficult t move • Reduces NAVSTA Norfolk available capacity to support future force structure. • Additional Industrial Capacity to support SSNs • Overcrowding potential at Norfolk and Kings Bay • Coordinate with Industrial, Medical, Intel and E & T JCSGs

Recommendation: USN continue with scenario but with E&T function analyzed by USN under the authority and overwatch of E&T JCSG. Submarine training unique to Navy, no SST scenarios involve submarine training or New London.

Department of the Navy

DON Analysis Group

Close SUBASE New London (Norfolk Receives) (*IAT-0003A*)

Scenario

- Close SUBASE New London
  - Relocate 17 SSNs to NAVSTA Norfolk
  - Consolidate Sub Support Facility
  - Relocate NAVSUBSCOL to Norfolk
  - Relocate NSGA Groton to Norfolk
  - Consolidate NAVAMBCARECEN Groton with NAVMEDCEN Portsmouth VA

Drivers/Assumptions

- Principle: Deploy and Employ
- DON Objective: Maximize use of capacity in fleet concentration areas while maintaining fleet dispersal and viable AT/FP capability

Justification/Impact

- BRAC Savings by completely closing New London
- Norfolk capacity can support SSNs
- Single sites East Coast SSNs – consolidating support to save cost

Potential Conflicts

- Unique NAVSUBSCOL facilities costly and difficult to move
- Single sites East Coast SSNs – reduces redundancy
- Reduces available capacity at NAVSTA Norfolk to support future force structure.
- Additional Industrial Capacity to support SSNs
- Overcrowding potential at Norfolk
- Coordinate with Industrial, Medical, Intel and E & T JCSGs

Recommendation: USN continue with scenario but with E&T function analyzed by USN under the authority and overwatch of E&T JCSG. Submarine training unique to Navy, no SST scenarios involve submarine training or New London.

Department of the Navy

DON Analysis Group

Close CBC Gulfport (*IAT-0008*)

Scenario

- **Close CBC Gulfport, MS**
  - **–Relocate 4 NMCBs, 22nd NCR, 20th SRG, NCTC and associated equipment/material to MCB Camp Lejeune, NC**
  - **– Reserve Center to remain in area**

Drivers/Assumptions

- **Principle:** Deploy and Employ
- **DON Objective:** Maximize use of capacity in fleet concentration areas while maintaining fleet dispersal and viable AT/FP capability

Justification/Impact

- **Reduces Excess Capacity. Saves $$ by closing entire installation**
- **Collocates NMCB function with supported operational forces and maintains Ease/West coast distribution**
- **Increase training efficiencies**

Potential Conflicts

- **Additional construction required**
- **Competing for space on Camp Lejeune with USMC force structure reshaping and potential JCSG scenarios**
- **Requires coordination with E&T JCSG**
- **Requires IJCSG coordination (SIMA)**

Recommendation: USN continue with scenario but with E&T function analyzed by USN under the authority and overwatch of E&T JCSG. Some construction/heavy equipment training is now ITRO and being considered for SST Joint consolidation.

Department of the Navy

DON Analysis Group

Close NAVSTA Newport, Realign OTC to Pensacola

Scenario	Drivers/Assumptions
• Close NAVSTA Newport • Disestablish OTC Newport and consolidate function at OTC Pensacola (to include NAPS) • Relocate Naval Warfare Development Command, Naval Reserve Readiness Command, Command Leadership School, Senior Enlisted Academy	• Principles: Recruit and train • Consolidate USN Officer Accession Training (except NROTC, USNA) at a single location • Assumption: JCSG will generate scenarios to realign / relocate remaining functions and activities at NAVSTA Newport.
Justification/Impact	**Potential Conflicts**
• Close a Navy installation • Maximize efficient use of space at OTC Pensacola	• JCSG scenarios may realign other training and education functions into NAS Pensacola impacting available space • Requires E&T, HS&A, Technical and Medical JCSGs to develop scenarios

Recommendation: USN continue with scenario but with E&T function analyzed by USN under the authority and overwatch of E&T JCSG. Surface Warfare Officer School and enlisted legal training occur at Newport. SWOS is Navy unique, the legal training is being considered for Joint consolidation.

Maneuver Center (Benning)

Scenario

- Move Armor Center and School (Knox) to Benning (Infantry Center and School) to create a Maneuver Center.
- Alternative locations:

Ft. Knox, Ft. Hood, Yuma , Ft. Bliss,

Armor Center and School to Ft. Bliss.

Drivers/Assumptions

- Principles:

Recruit and Train

- Transformational Options:

- Collocate or consolidate multiple branch schools and centers on single locations

- Collocate institutional training, MTOE units, RDTE organizations and other TDA units in large numbers on single installations to support force stabilization and enhance training. Army.

Justification/Impact

- Consolidates ground forces maneuver training and doctrine development at a single location.
- The move advances the MANSCEN model currently in place at Ft. Leonard Wood
- Promoting training effectiveness and functional efficiencies.
- Facilitates task force Stabilization
- Consolidates both infantry and armor OUST..

Potential Conflicts

- Other proposals competing for existing capacity at Ft. Benning.

Note: Scenario for each variation

Recommendation: USA continue with scenario but with E&T function analyzed by USA under the authority and overwatch of E&T JCSG. Armor and Infantry training have synergy with OSUT and are not being considered for an SST scenario.

CSS Center (Lee)

Note: Scenario for each variation

Scenario

- Moves the Transportation Center & School (Eustis) and Ordnance Center & School (Aberdeen/Redstone) to Lee (with the QM Center & School, the Army Logistic Management College, and CASCOM) creating a CSS Center.
- Alternative locations:

Ft. Eustis and Redstone Arsenal

Drivers/Assumptions

- Principles:

- Recruit and Train

- Transformational Options:

- Collocate or consolidate multiple branch schools and centers on single locations

- Collocate institutional training, MTOE units, RDTE organizations and other TDA units in large numbers on single installations to support force stabilization and enhance training. Army.

Justification/Impact

- Consolidates CSS training and doctrine development at a single installation.
- The move advances the MANSCEN model currently in place at Ft. Leonard Wood promoting training effectiveness and functional efficiencies.
- Maintains current JLOTs training capabilities.
- Create space at Eustis for other activities.

Potential Conflicts

Recommendation: USA continue with scenario but with E&T function analyzed by USA under the authority and overwatch of E&T JCSG. E&T JCSG has approved a scenario to create Joint Supply/Logistics training at Fort Lee.

Net Fires Center (Bliss)

Note: Scenario for each variation

Scenario

- Moves FA center and school (Sill) to Bliss (with the ADA center and school).
- Alternative locations:

Ft. Sill and White Sands Missile Range

Drivers/Assumptions

- Principles:

- Recruit and Train

- Transformational Options:

- Collocate or consolidate multiple branch schools and centers on single locations

- Collocate institutional training, MTOE units, RDTE organizations and other TDA units in large numbers on single installations to support force stabilization and enhance training. Army.

Justification/Impact

- Create a Net Fires Center by consolidating the FA Center and School (Sill) with the ADA Center and School (Bliss).
- Consolidates Net Fires training and doctrine development.
- The move advances the MANSCEN model, currently in place at Ft. Leonard Wood, promoting training effectiveness and functional efficiencies.

Potential Conflicts

- Multiple proposals adding activities to Ft. Bliss.

Recommendation: USA continue with scenario but with E&T function analyzed by USA under the authority and overwatch of E&T JCSG. Artillery training is not being considered for an SST scenario.

Information Support Center (Gordon)

Scenario	Drivers/Assumptions
■ Moves the Military Intelligence Center & School to Gordon (with Signal). ■ **Alternative locations**: Ft. Bliss and Ft. Huachuca	■ Principles: - Recruit and Train ■ Transformational Options: - Collocate or consolidate multiple branch schools and centers on single locations - Collocate institutional training, MTOE units, RDTE organizations and other TDA units in large numbers on single installations to support force stabilization and enhance training. Army.
Justification/Impact	**Potential Conflicts**
■ Consolidates Information Support training and doctrine development at a single location. ■ The move advances the MANSCEN model, currently in place at Ft. Leonard Wood, promoting training effectiveness and functional efficiencies. ■ Supports TF Stabilization.	▪ RDTE testing range may require enclaving.

Note: Scenario for each variation

Recommendation: USA continue with scenario but with E&T function analyzed by USA under the authority and overwatch of E&T JCSG. Has potential conflict with SST scenario consolidating Intelligence training.

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SST Subgroup Recommendations on Army Proposals

Recommended

- ❑ Relocate Aviation Logistics School to Ft Rucker
- ❑ Relocate US Army Prime Power School to Ft Leonard Wood

Not recommended

- ❑ Relocate Aviation Logistics School to Corpus Christi

Relocate Aviation Logistics School to Ft. Rucker (ARMY Proposal)

Proposal	Drivers/Assumptions
▪ Relocate Aviation Logistics School ▪ Gaining activity: Ft. Rucker, AL ▪ Losing activity: Ft. Eustis, VA	▪ Principles: Organize and Train ▪ Transformational Options: Consolidates pilot training and maintenance training for rotary wing aircraft
Justification/Impact	**Potential Conflicts**
▪ Consolidates aviation maintenance training with aviation flight training ▪ Creates space at Ft. Eustis for additional activities	▪ Flight Training Subgroup recommendation for location of rotary wing training

Approved_____ Disapproved_____ Revised_____ Deferred_____

Relocate Aviation Logistics School to Corpus Christi (ARMY Proposal)

Proposal	Drivers/Assumptions
▪ Relocate Aviation Logistics School ▪ Gaining activity: Corpus Christi Army Depot, TX ▪ Losing activity: Ft. Eustis, VA	▪ Principles: Organize and Train ▪ Transformational Options: Consolidates institutional training at a single installation to support force stabilization
Justification/Impact	**Potential Conflicts**
▪ Consolidates aviation maintenance training with aviation maintenance facility ▪ Creates space at Ft. Eustis for additional activities	▪ Unique Service training standards and culture at an Army depot ▪ Removes Army training from a US Army Training and Doctrine Command school ▪ SST capacity analysis unknown

Approved_____ Disapproved_____ Revised_____ Deferred_____

Move US Army Prime Power School to Ft Leonard Wood (ARMY Proposal)

Proposal	Drivers/Assumptions
▪ Relocate US Army Prime Power School (USAPPS) ▪ Gaining activity: Ft Leonard Wood, MO ▪ Losing activity: Ft. Belvoir, VA	▪ Principles: Organize and Train ▪ Transformational Options: Consolidate and collocate training to enhance coordination, doctrine development and training effectiveness.
Justification/Impact	**Potential Conflicts**
▪ The USAPPS courses are Engineer branch courses ▪ The "common core" phase of the NCOES courses are located at Ft Leonard Wood	▪ USAPPS courses for other military services required to move also

Approved_____ Disapproved_____ Revised_____ Deferred_____

Ranges Update

Range Subgroup Capacity Update

As of: 01 Nov 04

Training								
USA	116	116	0	0	0	0	0	Dir W/Svcs
USN/USMC	104	104	0	0	0	0	0	Dir W/Svcs
USAF	108	108	7	0	0	0	0	Dir W/Svcs
Tng Totals	**328**	**328**	**7**	**0**	**0**	**0**	**0**	**100%**
T&E								
USA	0	0	0	0	0	0	0	Dir W/Svcs
USN/USMC	207	183	25	24	0	0	24	Dir W/Svcs
USAF	40	37	11	3	0	3	0	Dir W/Svcs
T&E								
Supplement USA	361	361	7	0	0	0	0	**100%**
Supplement USAF	108	81	5	27	0	27	0	**75%**
Supplement USN	112	76	53	36	0	0	36	**68%**
T&E Totals	**828**	**738**	**101**	**90**	**0**	**30**	**24**	**89%**
Tng & T&E	**1156**	**1066**	**108**	**90**	**0**	**30**	**24**	**92%**

Range Subgroup Military Value Update

Status of Military Value Requests for Clarification (RFC) as of Nov 2 04

Range Subgroup	RFCs	RFCs CLOSED	Closed This Week	RFCs OPEN	#< 2 Weeks	#2 to 3 Weeks	# over 4 Weeks	Actions Taken
Training MV								
USA	9	4	1	5	0	5	0	
USN/USMC	12	3	3	9	9	0	0	
USAF	0	0	0	0	0	0	0	
Tng Totals	21	7	4	14	9	5	0	33%
T&E MV								
USA	137	90	78	47	0	47	0	66%
USN/USMC	273	75	57	198	0	57	0	27%
USAF	57	45	23	12	0	12	0	79%
T&E Totals	467	210	158	257	0	116	0	45%
Tng & T&E MV	488	217	162	271	9	121	0	44%

JFCOM Coordination

- Re-Engaged with JFCOM Headquarters
- Concept of Joint Range Complexes reinforces on-going JFCOM JNTC development
- Ability to create, through BRAC, Joint Planning and Coordination staffs at highest value location will enable JNTC

Training Idea List

Range Subgroup Idea #	Initial Date	Driver	Proposal Title	Crosswalk Between Tng/T&E
		Air - Ground Complexes		
04-01	16-Sep-04	Cross Service Air - Ground	Establish the Southern Arizona Air-Ground Range Complex	T&E
04-02	24-Sep-04	Cross Service Air - Ground	Texas/New Mexico Cross Domain Complex	T&E
04-04	28-Oct-04	Cross Service Air - Ground	Fort Polk Cross Domain Complex	
04-13	24-Sep-04	Cross Service Air - Ground	UTTR Cross Domain Complex	T&E
04-15	24-Sep-04	Cross Service Air - Ground	Establish SOCAL Air-Ground Cross Domain Complex	T&E
		Unique Capabilities Centers		
07-01	16-Sep-04	Joint Service Range Use - Unique Capabilities	Establish a Joint Service Urban Ops Tng Ctr of Excellence	
07-02	23-Sep-04	Joint Service Range Use - Unique Capabilities	Joint Arctic Tng Center of Excellence	
07-03	23-Sep-04	Joint Service Range Use - Unique Capabilities	Joint Tropical Environment Training Center	
07-04	24-Sep-04	Cross Service Sea-Ground (Littoral)	Establish Littoral Environment Training Center West	
07-05	24-Sep-04	Cross Service Sea-Ground (Littoral)	Establish Littoral Environment Training Center East	T&E
07-06	27-Oct-04	Cross Service Sea-Ground (Littoral)	Establish Littoral Environment Training Center (Secondary)	
07-07	27-Oct-04	Cross Service Sea-Ground (Littoral)	Sierra Nevada Mountain Environment Training Center	
		Full Capability All Domain Complex		
08-01	16-Sep-04	Full Capability Joint Range Complex	Establish the Gulf Panhandle Range Complex	T&E
08-02	23-Sep-04	Full Capability Joint Range Complex	Establish Regional Range Combinations Southeast	
08-03	23-Sep-04	Full Capability Joint Range Complex	Establish Regional Range Combinations VACAPES/Tidewater	T&E
08-04	23-Sep-04	Full Capability Joint Range Complex	Establish Regional Range Combinations SOCAL	T&E
08-05	23-Sep-04	Full Capability Joint Range Complex	Establish Regional Range Combinations Hawaii	
08-06	1-Oct-04	Full Capability Joint Range Complex	Establish Regional Range Combinations Northwest	

Range Subgroup

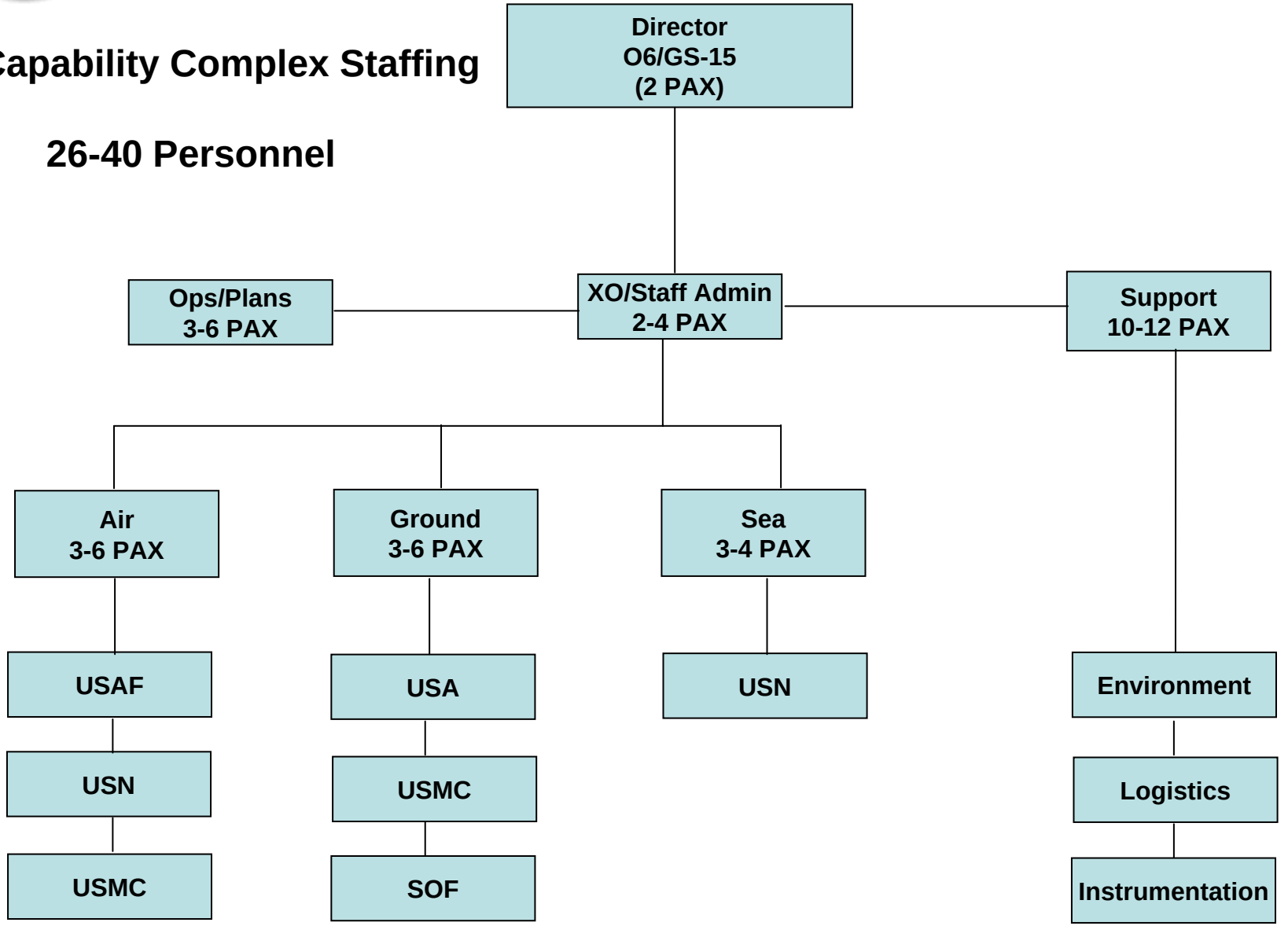
Joint Planning/Coordination Staffs

- Centers of Excellence (Unique Capabilities)
  - Small Cross Service Cell (Plan/Coord Staff)
- Air-Ground Complexes
  - Mid size Cross Service Cell (Plan/Coord Staff)
- ✓ Full Capability Complexes
  - Full size Cross Service Cell (Plan/Coord Staff)
- All staffing for Plan/Coord Staff taken from proposed Scenarios Closures

Range Subgroup

Full Capability Complex Staffing

26-40 Personnel



Training Proposals 04 Nov E&T JCSG

Full Capability Regional Joint Complexes

- **08-01: Gulf Panhandle Range Complex (Elgin AFB) (Already in OSD Scenario Tracking**
- **08-02: Regional Range Combinations Southeast (NAS Jacksonville)**
- **08-03: Regional Range Combinations VACAPES/Tidewater (Naval Support Activity Norfolk (JWFC) – JFCOM)**
- **08-04: Regional Range Combinations SOCAL (NAVSTA San Diego)**
- ***08-05: Regional Range Combinations Hawaii (PACOM HQ Camp Smith) (Already in OSD Scenario tracking tool)***
- **08-06: Regional Range Combinations Northwest (McChord AFB)**

TNG - Full Capacity, All Domain Complexes

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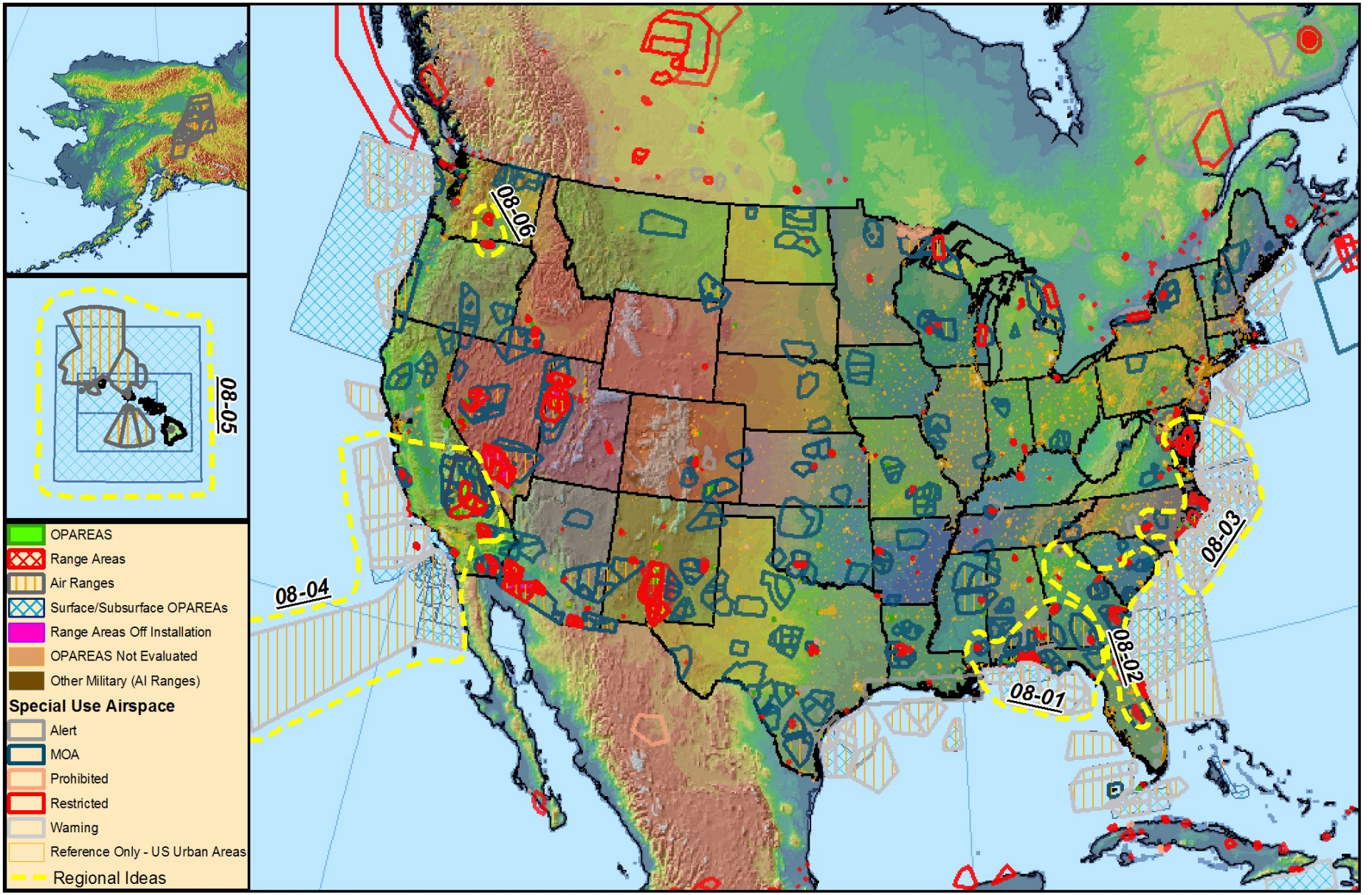

CALIBRE

0 500 1,000 Miles

0 500 1,000 Kilometers

Albers Equal Area Conic Projection

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21 October 2004

For information contact:
Markus Craig
GIS Program Manager

Establish Regional Range Combinations Southeast

Proposal

- Identify range areas currently administered separately that could be centrally managed. Fort Gordon, Fort Stewart, Camp Blanding, Avon Park, Shaw AFB, FACSFAC JAX, Patrick AFB, MCAS Beaufort.
- Sites must be within same geographic region, contiguous not required.
- Gaining Activity: NAS JAX
- Losing Activity: 26-40 personnel
  - USA
  - USN
  - USAF
  - USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- Must be within same geographic region, but not necessarily contiguous.
- Site support all service and joint tasks in all domains.

Justification/Impact

- Supports all Service and Joint training tasks.
- Optimizes use of range capacity at all sites.
- Expands on existing informal relationship.
- Opportunity to achieve OSD T2 common range infrastructure goals.
- Opportunity to train in diverse conditions.
- Management across a combination of ranges should improve availability of vital training areas required to execute joint training IAW JNTC concept.

Potential Conflicts

- Parochial issues

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 08-02

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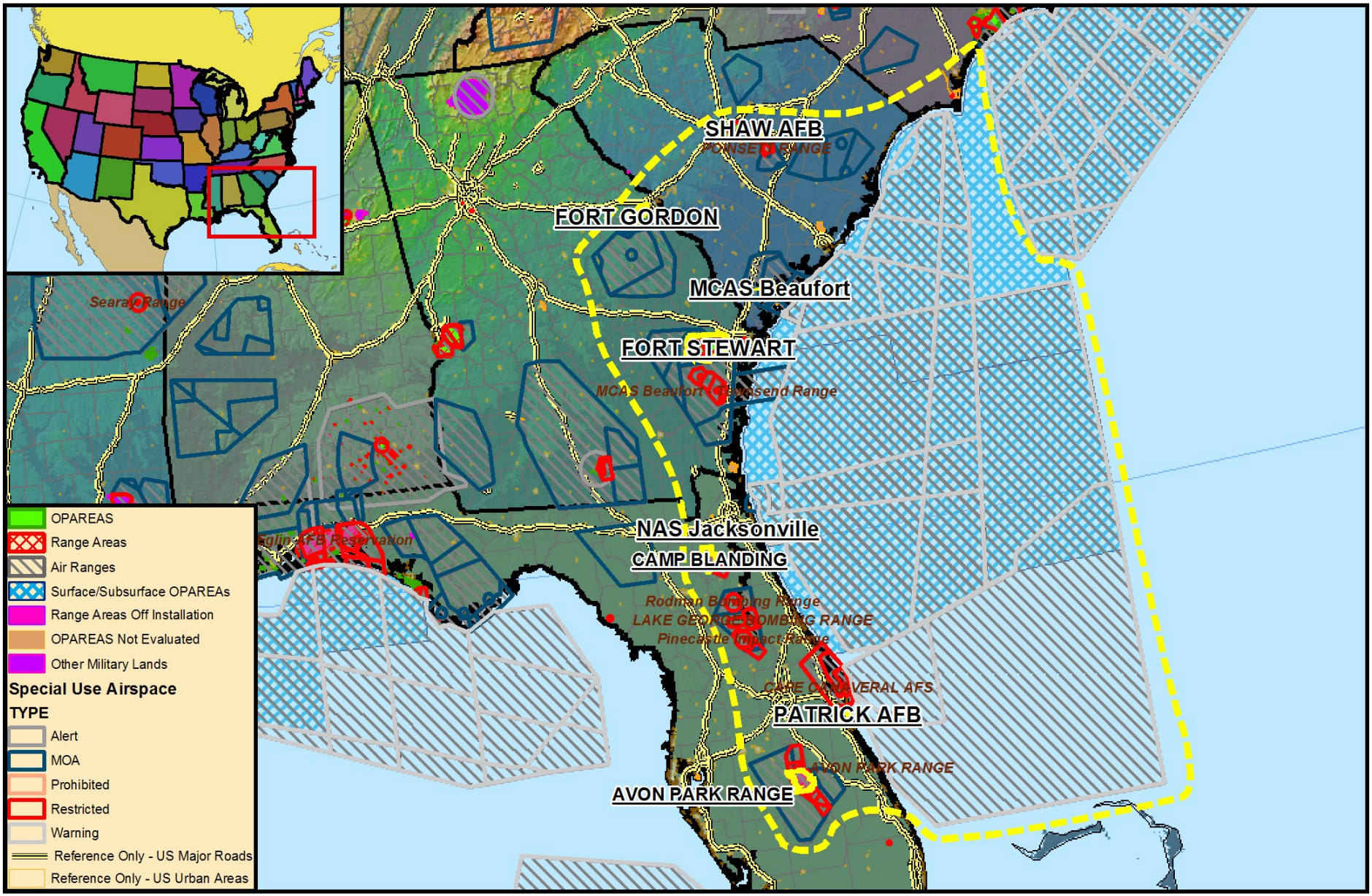

CALIBRE

0 50 100 150 200 250 Miles

0 50 100 150 200 250 Kilometers

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For information contact:
Markus Craig
GIS Program Manager

Establish Regional Range Combinations VACAPES/Tidewater

Proposal

- Identify range areas currently administered separately that could be centrally managed. MCB Camp Lejeune, Fort Bragg, MCAS Cherry Point, NAWC PAX River, FACSFAC VACAPES, Fort Eustis/Fort Story, Langley AFB, Dare County Range, AP Hill, Seymour-Johnson AFB, Pope AFB, NAB Little Creek, FCTCLANT Dam Neck, NAVSURFWARCEN Dahlgren.
- Sites must be within same geographic region, contiguous not required.
- Gaining Activity: Naval Support Activity Norfolk (JWFC)
- Losing Activity: 26-40 personnel
  - USA; USN; USAF; USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- Must be within same geographic region, but not necessarily contiguous.
- Site support all service and joint tasks in all domains.

Justification/Impact

- Supports all Service and Joint training tasks.
- Optimizes use of range capacity at all sites.
- Expands on existing informal relationship.
- Opportunity to achieve OSD T2 common range infrastructure goals.
- Opportunity to train in diverse conditions.
- Management across a combination of ranges should improve availability of vital training areas required to execute joint training IAW JNTC concept.

Potential Conflicts

- Parochial issues
- Requires coordination with T&E community

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TNG 08-03

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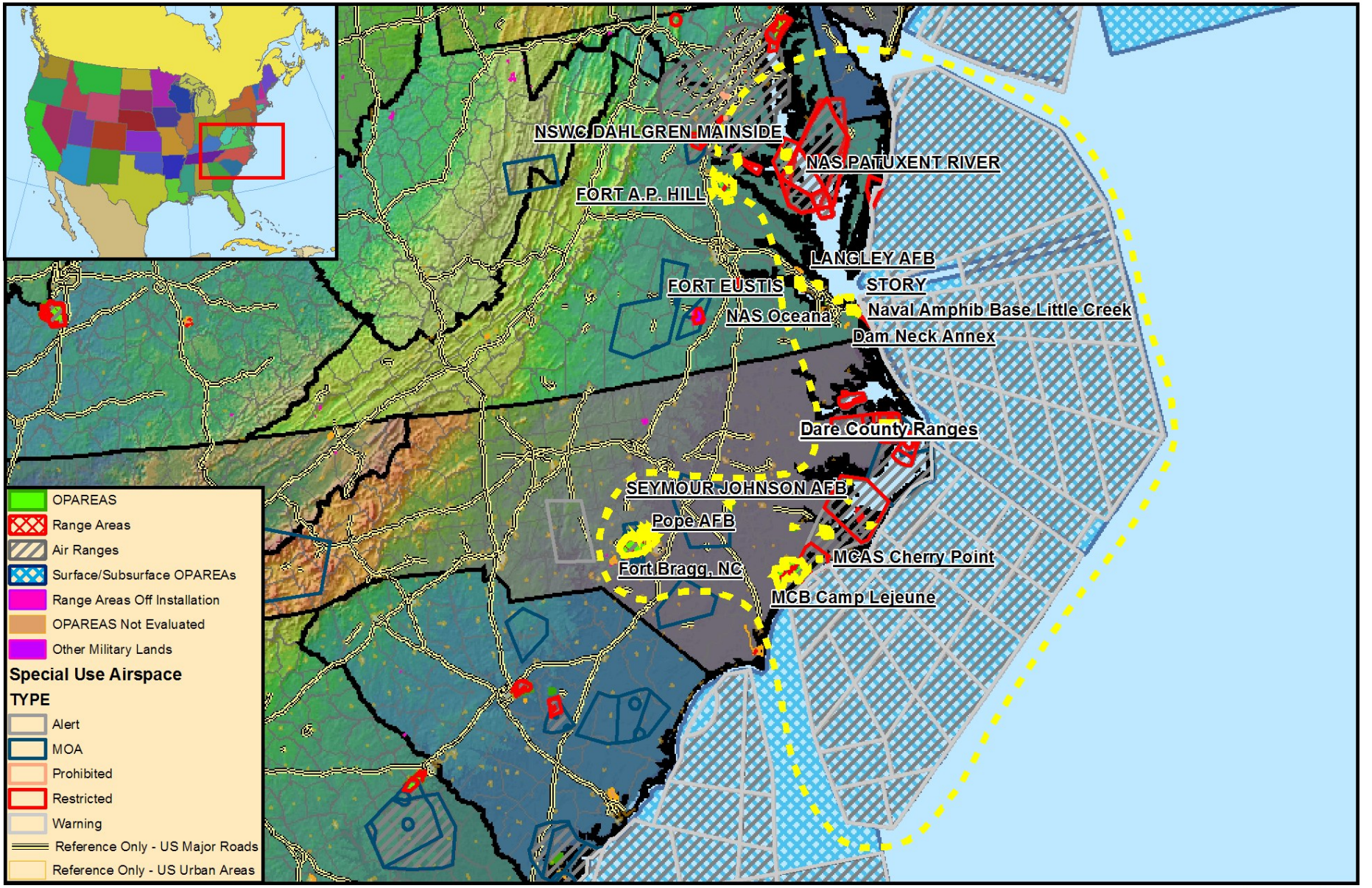

CALIBRE

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For information contact:
Markus Craig
GIS Program Manager

Establish Regional Range Combinations SOCAL

Proposal

- Identify range areas currently administered separately that could be centrally managed. NAS Lemoore, MCAGTC 29 Palms, Fort Irwin/NTC, Edwards AFB, MCAS Miramar, Fort Hunter-Liggett, Camp Roberts, MCB Camp Pendleton, San Nicholas Island (SNI), San Clemente Island (SCI), FACSFAC SD, NAWC Pt Mugu, Vandenberg, NAWC China Lake
- Sites must be within same geographic region, contiguous not required.
- Gaining Activity: NAVSTA San Diego
- Losing Activity: 26-40 personnel
  - USA; USN; USAF; USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- Must be within same geographic region, but not necessarily contiguous.
- Site support all service and joint tasks in all domains.

Justification/Impact

- Supports all Service and Joint training tasks.
- Optimizes use of range capacity at all sites.
- Expands on existing informal relationship.
- Opportunity to achieve OSD T2 common range infrastructure goals.
- Opportunity to train in diverse conditions.
- Management across a combination of ranges should improve availability of vital training areas required to execute joint training IAW JNTC concept.

Potential Conflicts

- Parochial issues
- Requires coordination with T&E community

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 08-04

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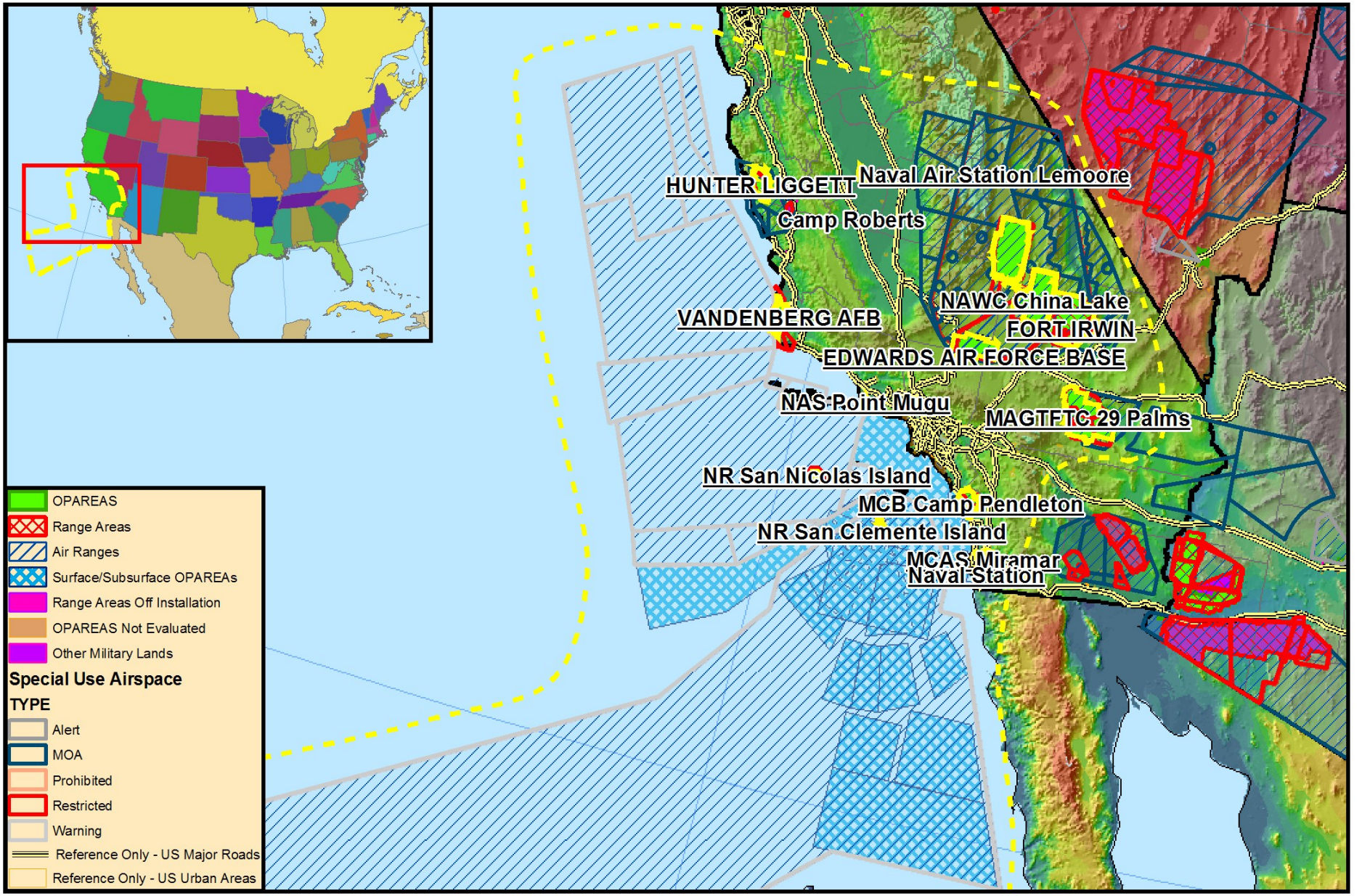

CALIBRE

0 50 100 150 200 250 Miles

0 50 100 150 200 250 Kilometers

N

Albers Equal Area Conic Projection

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For information contact:
Markus Craig
GIS Program Manager

Establish Regional Range Combinations Hawaii

Proposal

- Establish Hawaii JC3 (Joint Complex Coordination Center)
- Implements range area coordination for MCB Hawaii, NAVSTA Pearl (FACSFAC Pearl), Pacific Missile Range Facility (PMRF), Schofield Barracks, Pohakuloa Training Area, Hickam AFB.
- Gaining Activities: PACOM HQ
- Losing Activity: 26-40 personnel
  - USA
  - USN
  - USAF
  - USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39, 40
- Must be within same geographic region, but not necessarily contiguous.
- Site support all service and joint tasks in all domains.

Justification/Impact

- Supports all Service and Joint training tasks.
- Optimizes use of range capacity at all sites.
- Expands on existing informal relationship.
- Opportunity to achieve OSD T2 common range infrastructure goals.
- Opportunity to train in diverse conditions.
- Management across a combination of ranges should improve availability of vital training areas required to execute joint training IAW JNTC concept.

Potential Conflicts

- Parochial issues
- Requires coordination with T&E community

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 08-05

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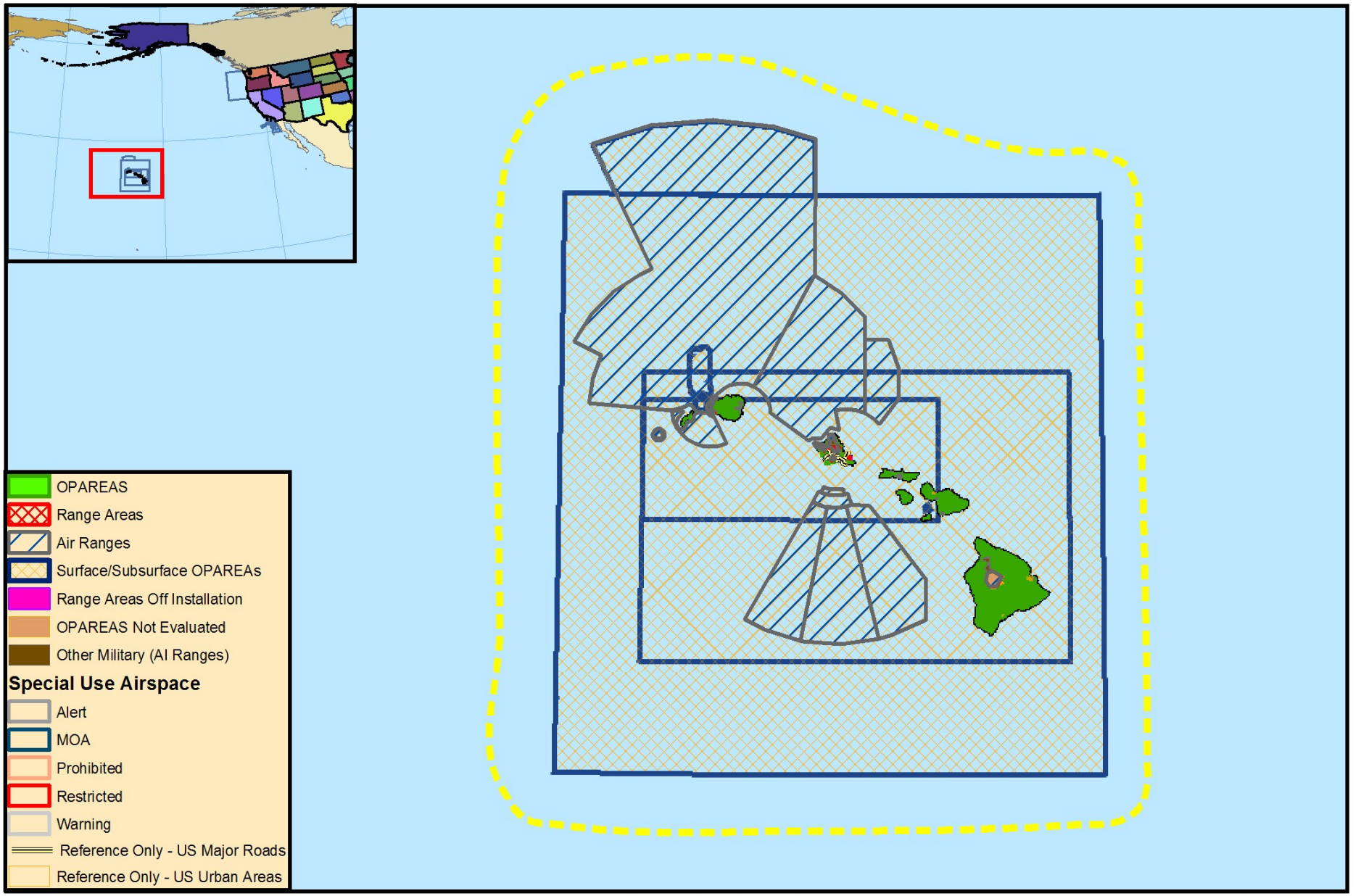

CALIBRE

0 50 100 150 200 250 Miles

0 50 100 150 200 250 Kilometers

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For information contact:
Markus Craig
GIS Program Manager

Establish Regional Range Combinations Northwest

Proposal

- Establish a ground maneuver training range complex in Washington and Oregon consisting of NAS Whidbey Island, Yakima Training Center and Boardman Range
- The proposal establishes an executive agent for DoD to coordinate joint use of complex
- Gaining Activity: McChord AFB
- Losing Activity: 26-40 personnel
  - USA; USN; USAF; USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- Must be within same geographic region, but not necessarily contiguous.
- Site support all service and joint tasks in all domains.

Justification/Impact

- Supports all Service and Joint training tasks.
- Optimizes use of range capacity at all sites.
- Expands on existing informal relationship.
- Opportunity to achieve OSD T2 common range infrastructure goals.
- Opportunity to train in diverse conditions.
- Management across a combination of ranges should improve availability of vital training areas required to execute joint training IAW JNTC concept.
- Possible current ARNG ground maneuver training at Boardman
- Optimizes available ground maneuver capacity at sites
- Requires Cross-Service coordination (ISSA)

Potential Conflicts

- Current status of ground maneuver training at Boardman
- Large non-contiguous area straddling two states
- Environmental issues

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TNG 08-06

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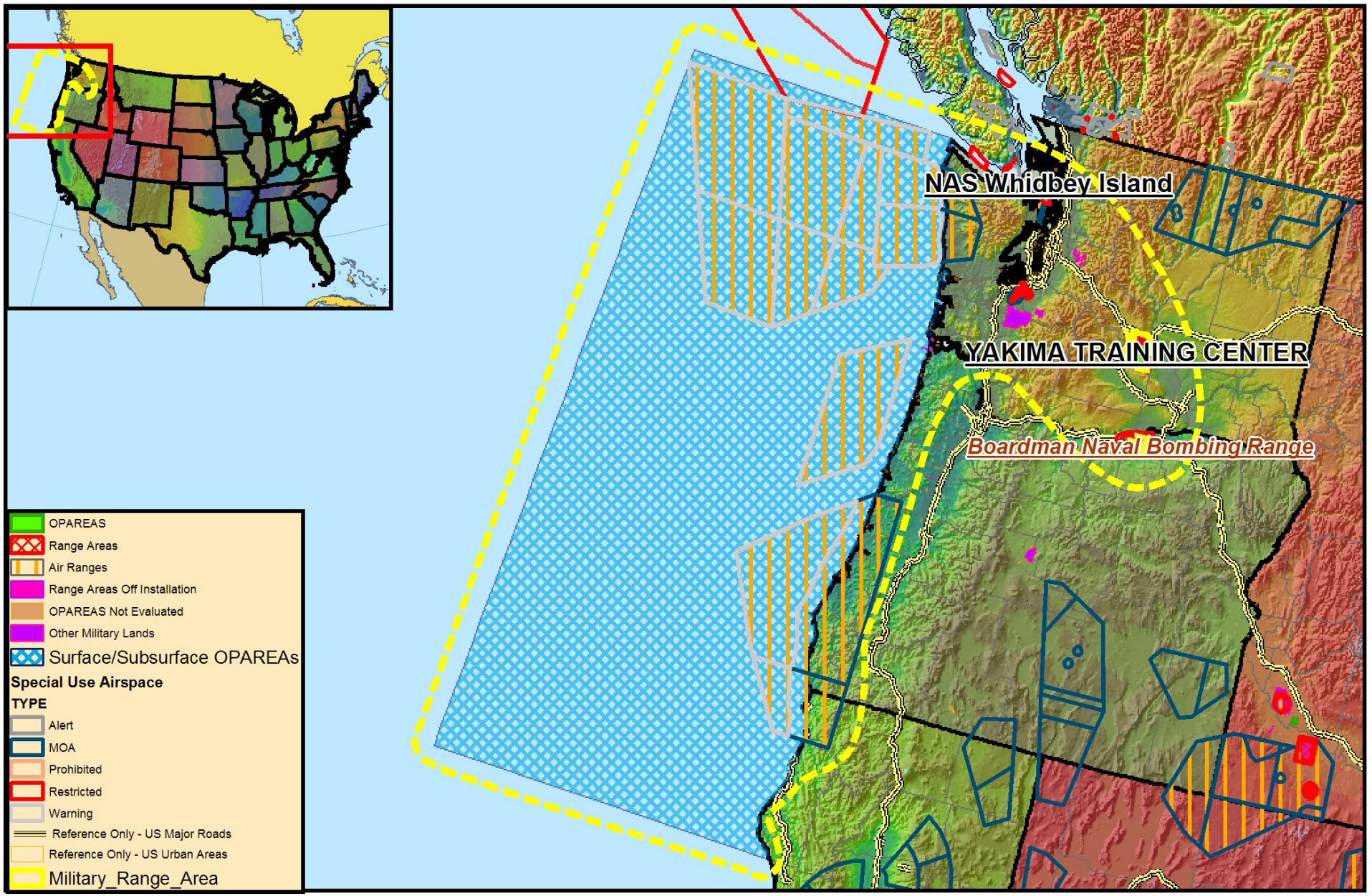

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For information contact:
Markus Craig
GIS Program Manager

Range Subgroup

Joint Planning/Coordination Staffs

- Centers of Excellence (Unique Capabilities)
  - Small Cross Service Cell (Plan/Coord Staff)

✓ Air-Ground Complexes
  - Mid size Cross Service Cell (Plan/Coord Staff)

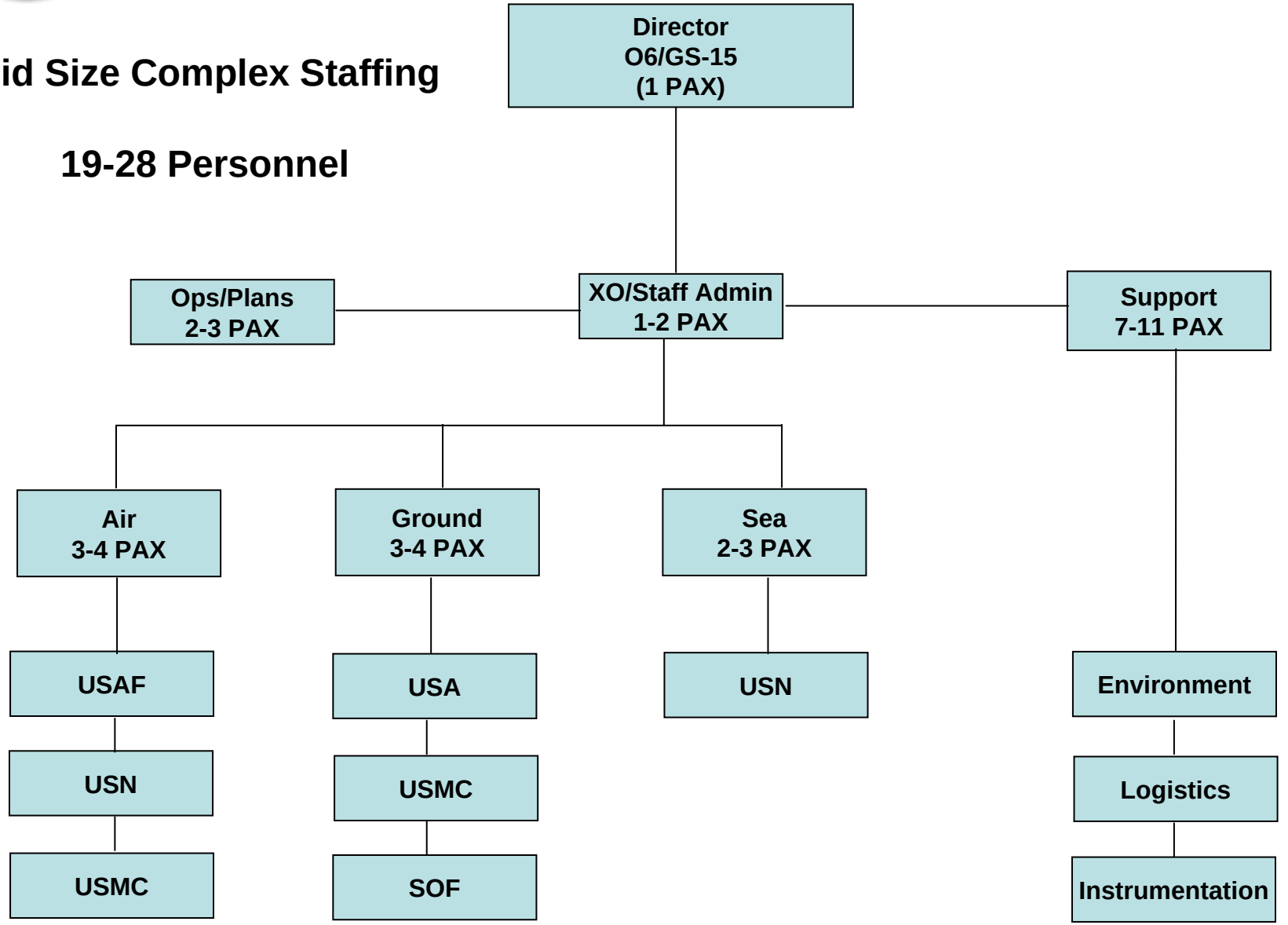
- Full Capability Complexes
  - Full size Cross Service Cell (Plan/Coord Staff)

- All staffing for Plan/Coord Staff taken from proposed Scenarios Closures

Range Subgroup

Mid Size Complex Staffing

19-28 Personnel



Establish the Southern Arizona Air-Ground Range Complex

Proposal

- Establish the Southern Arizona Air-Ground Range Complex incorporating the Yuma Proving Ground, Fort Huachuca, Barry M. Goldwater Range, MCAS Yuma, NAF El Centro, Davis-Monthan AFB and associated air space.
- Gaining Activity: MCAS Yuma
- Losing Activity: 19-28 personnel
  - USA
  - USN
  - USAF
  - USMC

Drivers/Assumptions

- Transformational Option #39.
- Does not disrupt existing training and T&E missions at these locations.
- USAF, USMC, USN and USA air and ground units can utilize the capability of this complex

Justification/Impact

- Potential Joint UAV training venue.
- Maximizes joint use of existing large ground and airspace footprints
- Requires Cross-Service coordination (ISSA)
- Offers venue for increased cooperative Army, ANG, USMC, USN and Air Force training activities across the air and ground domains
- Opportunity to achieve T2 common range infrastructure goals
- Relatively unconstrained airspace and good weather.

Potential Conflicts

- Potential conflicts with Threatened and Endangered Species.
- Undocumented Aliens and Border Patrol Mission.
- Homeland Defense Mission.

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TNG 04-01

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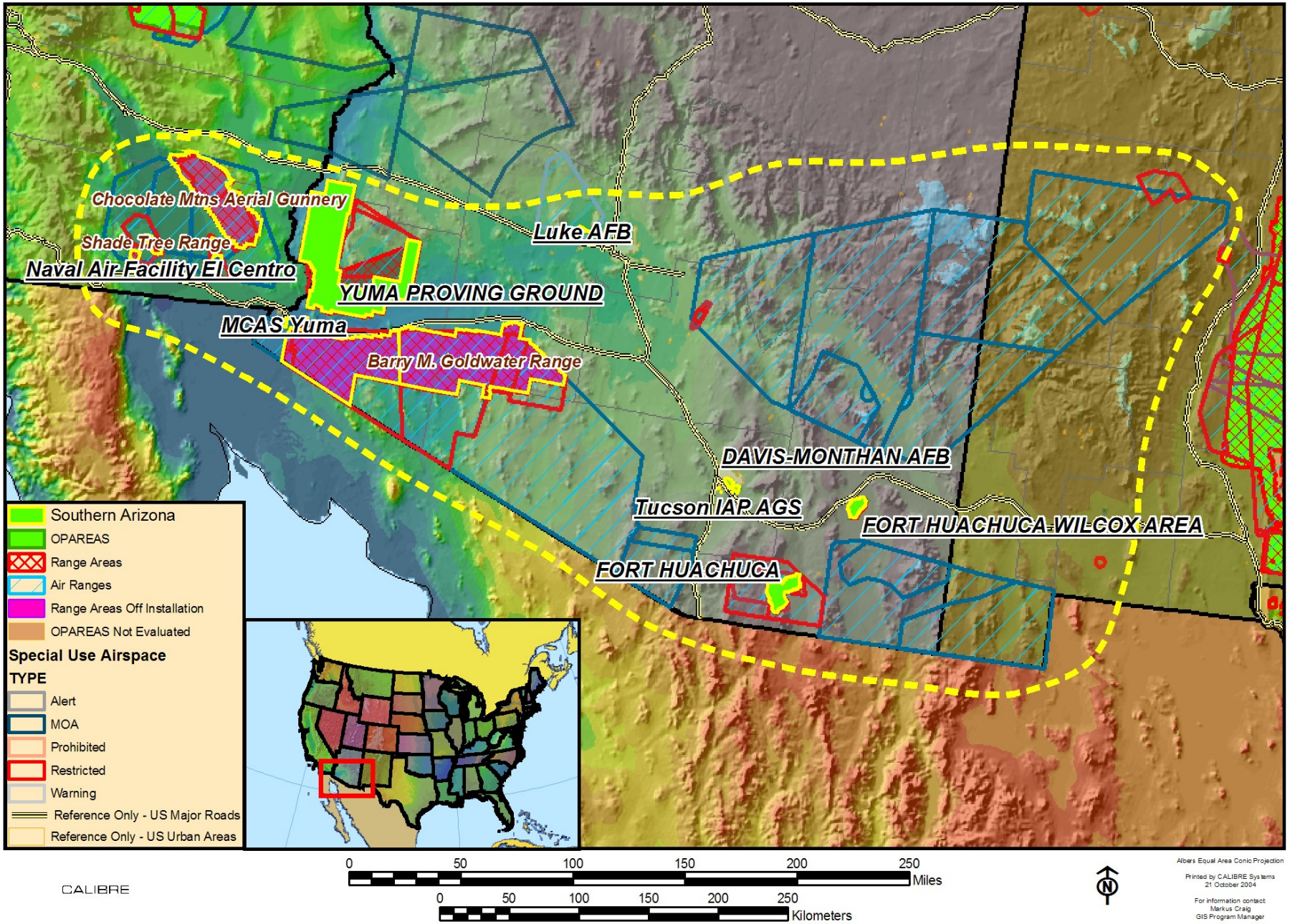

CALIBRE

Texas/New Mexico Cross Domain Complex

Scenario

- Establish an expanded air and ground maneuver capability combining WSMR, Holloman, McGregor and Melrose Ranges
- Utilize simulation capability Kirtland AFB
- The proposal establishes an executive agent for DoD to coordinate joint use of complex
- Gaining Activity: Fort Bliss
- Losing Activity: 19-28 personnel
  - USA
  - USN
  - USAF
  - USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- USAF, USMC, USN and USA air and ground units can utilize the capability of this complex

Justification/Impact

- Maximizes joint use of existing large ground and airspace footprints
- Requires Cross-Service coordination (ISSA)
- Offers venue for increased cooperative Army, ANG, USMC, USN and Air Force training activities across the air and ground domains
- Opportunity to achieve T2 common range infrastructure goals

Potential Conflicts

- Melrose and WSMR are currently not configured to support ground training
- Likely environmental, natural and cultural resource issues
- WSMR is T&E range
- Melrose Range is not contiguous with other ranges
- Requires assessment of current Air Force and Army missions

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 04-02

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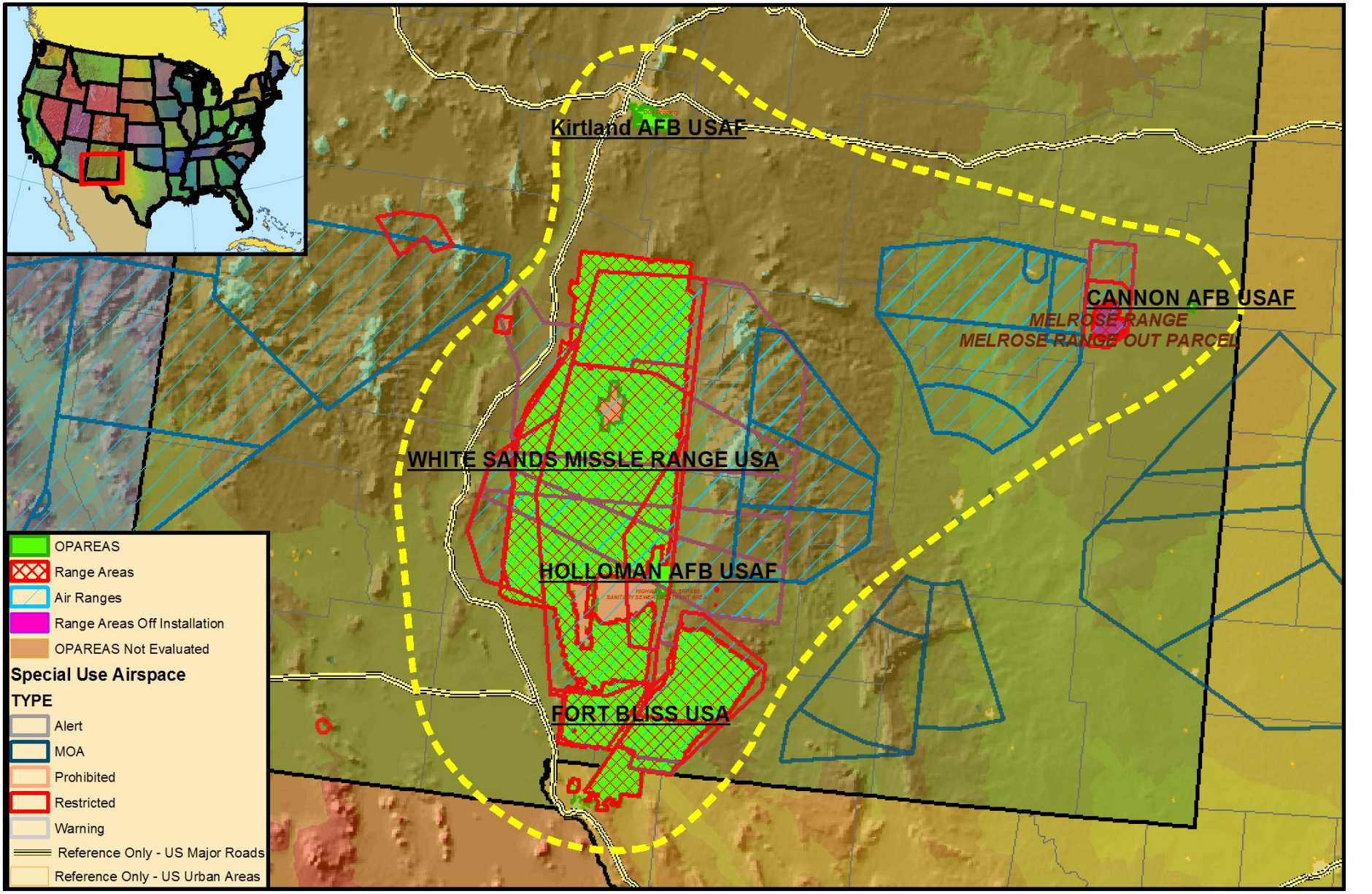

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For information contact:
Markus Craig
GIS Program Manager

Fort Polk Cross Domain Complex

Scenario

- Establish an expanded air/ground maneuver capability at Fort Polk
- Leverage operations at the ANG operated Claiborne Air-to-Ground Range
- Gaining Activity: Fort Polk (JRTC)
- Losing Activity: 19-28 personnel
  - USA
  - USN
  - USAF
  - USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- USAF and USA can utilize the capability of this complex

Justification/Impact

- Maximizes joint use of existing service ground and airspace footprints
- Requires Cross-Service coordination (ISSA)
- Offers venue for increased cooperative Army and Air Force training activities across the air and ground domains
- Opportunity to achieve T2 common range infrastructure goals

Potential Conflicts

- Requires assessment of current Air Force and Army missions
- Inter-service scheduling

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TNG 04-04

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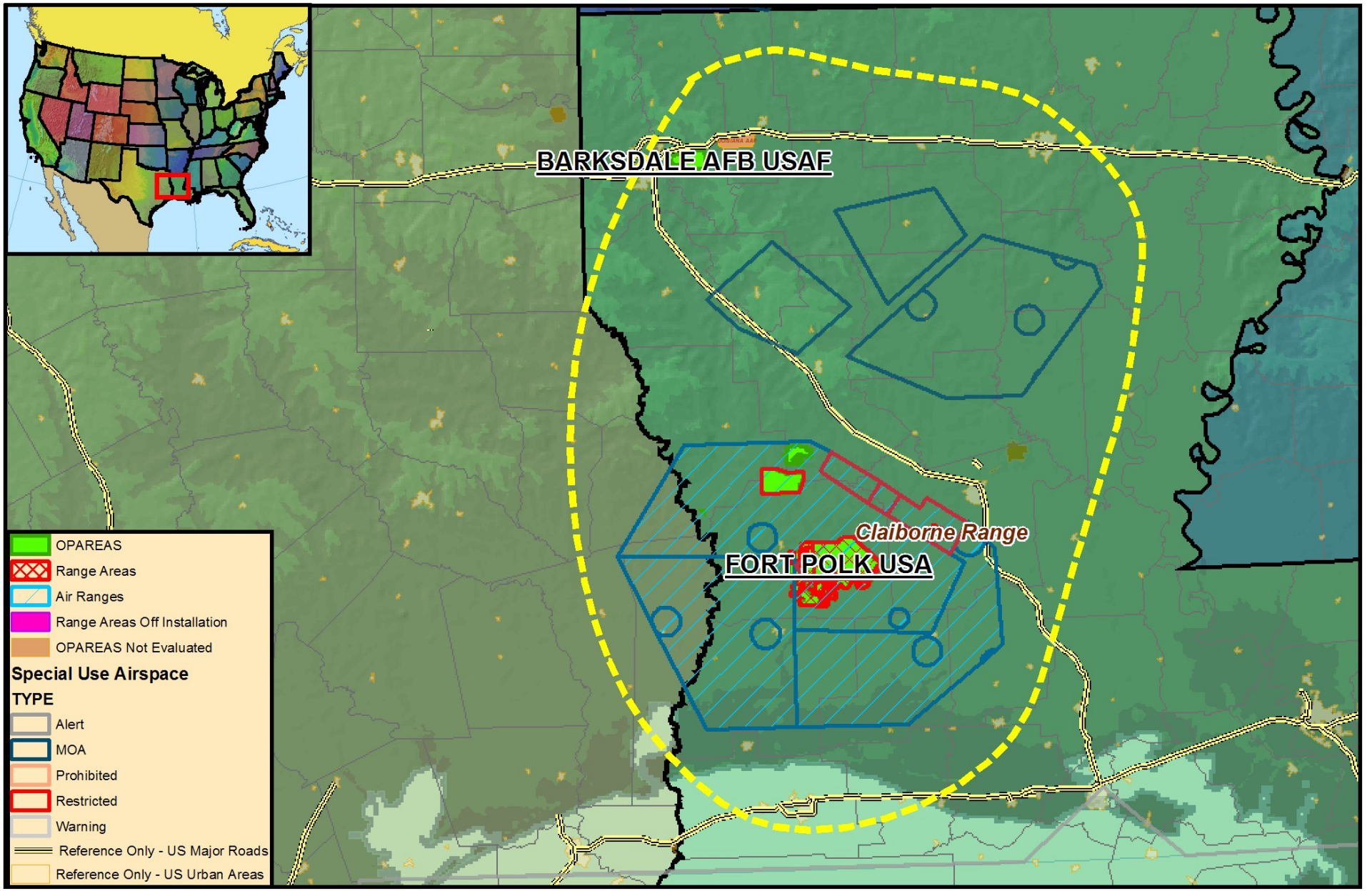

CALIBRE

0 25 50 75 100 Miles

0 25 50 75 100 Kilometers

N

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For information contact:
Markus Craig
GIS Program Manager

UTTR Cross Domain Complex

Scenario	Drivers/Assumptions

▪ Establish a ground maneuver capability to be used in conjunction with the air capability at the UTTR incorporating the footprint of Dugway Proving Ground
▪ Gaining Activity: Hill AFB
▪ Losing Activity: 19-28 personnel
  ▪USA
  ▪USN
  ▪USAF
  ▪USMC
	▪ Principles: Recruit/Train
	▪ Transformational Option: #39
	▪ USAF, USN, USMC and USA can utilize the capability of this complex

Justification/Impact	**Potential Conflicts**
▪ Maximizes joint use of existing large ground and airspace footprints ▪ Requires Cross-Service coordination (ISSA) ▪ Offers venue for increased cooperative Army, USN, USMC, and Air Force training activities across the air and ground domains	▪ UTTR is currently not configured to support ground training ▪ Likely environmental, natural and cultural resource issues ▪ Requires assessment of current Air Force and Army missions

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 04-13

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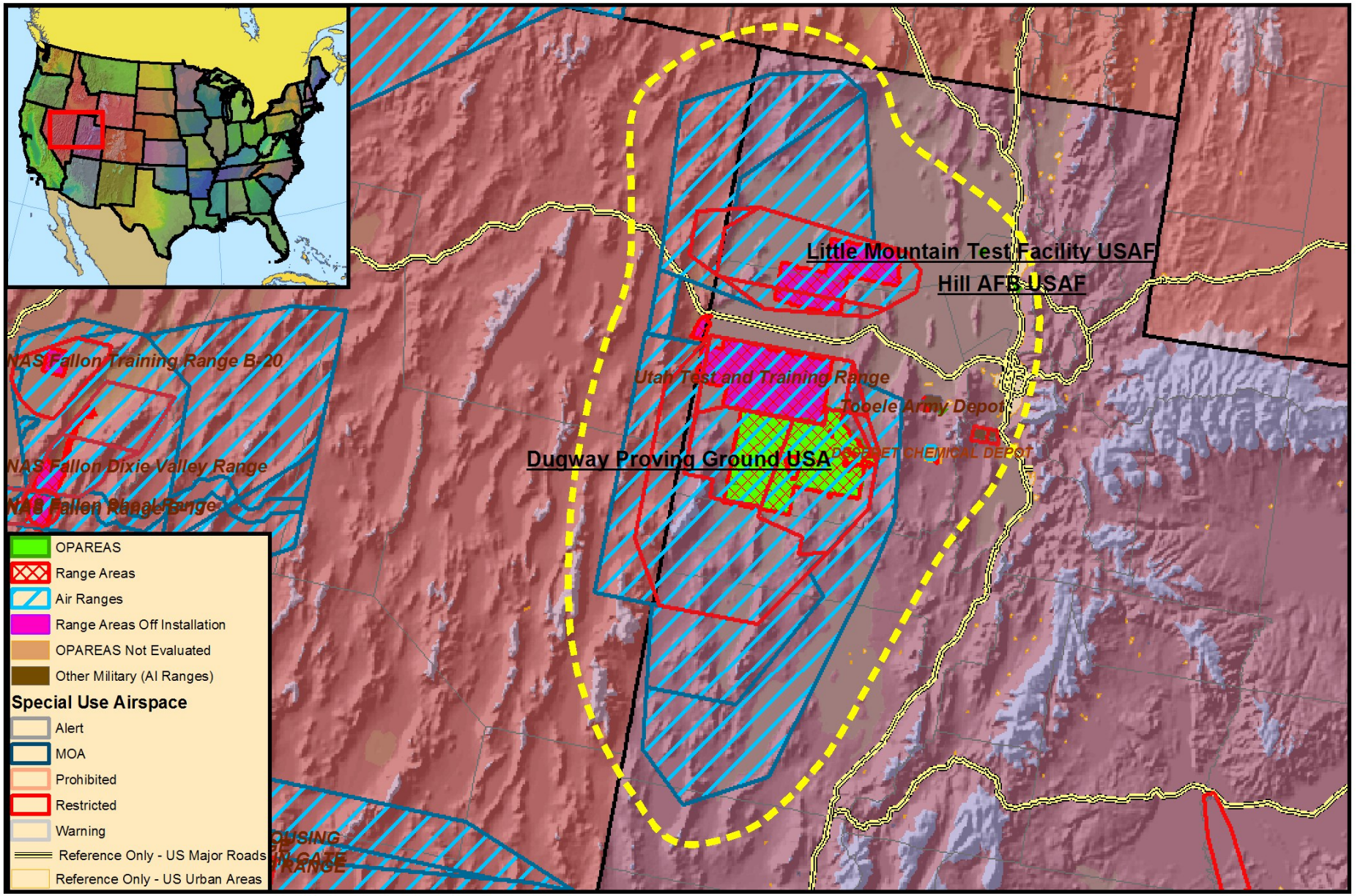

CALIBRE

Establish SOCAL Air-Ground Cross Domain Complex

Scenario

- Establish an expanded air and ground maneuver capability that utilizes Ft Irwin, MAGTFTC 29 Palms, China Lake, Nellis AFB and Edwards AFB ground and air maneuvering space.
- The proposal establishes an executive agent for DoD to coordinate joint use of complex
- Gaining Activity: Ft Irwin
- Losing Activity: 19-28 personnel
  - USA—USN— USAF—USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- USAF, USN, USMC and USA can utilize the capability of this complex

Justification/Impact

- Maximizes joint use of existing large ground and airspace footprints
- Requires Cross-Service coordination (ISSA)
- Offers venue for increased cooperative Army, USN, USMC, and Air Force training activities across the air and ground domains
- Opportunity to achieve T2 common range infrastructure goals

Potential Conflicts

- Requires assessment of current Service missions
- Encroachment issues with civil aviation and ground transportation corridors
- Edwards and China Lake are MRTFB Ranges

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 04-15

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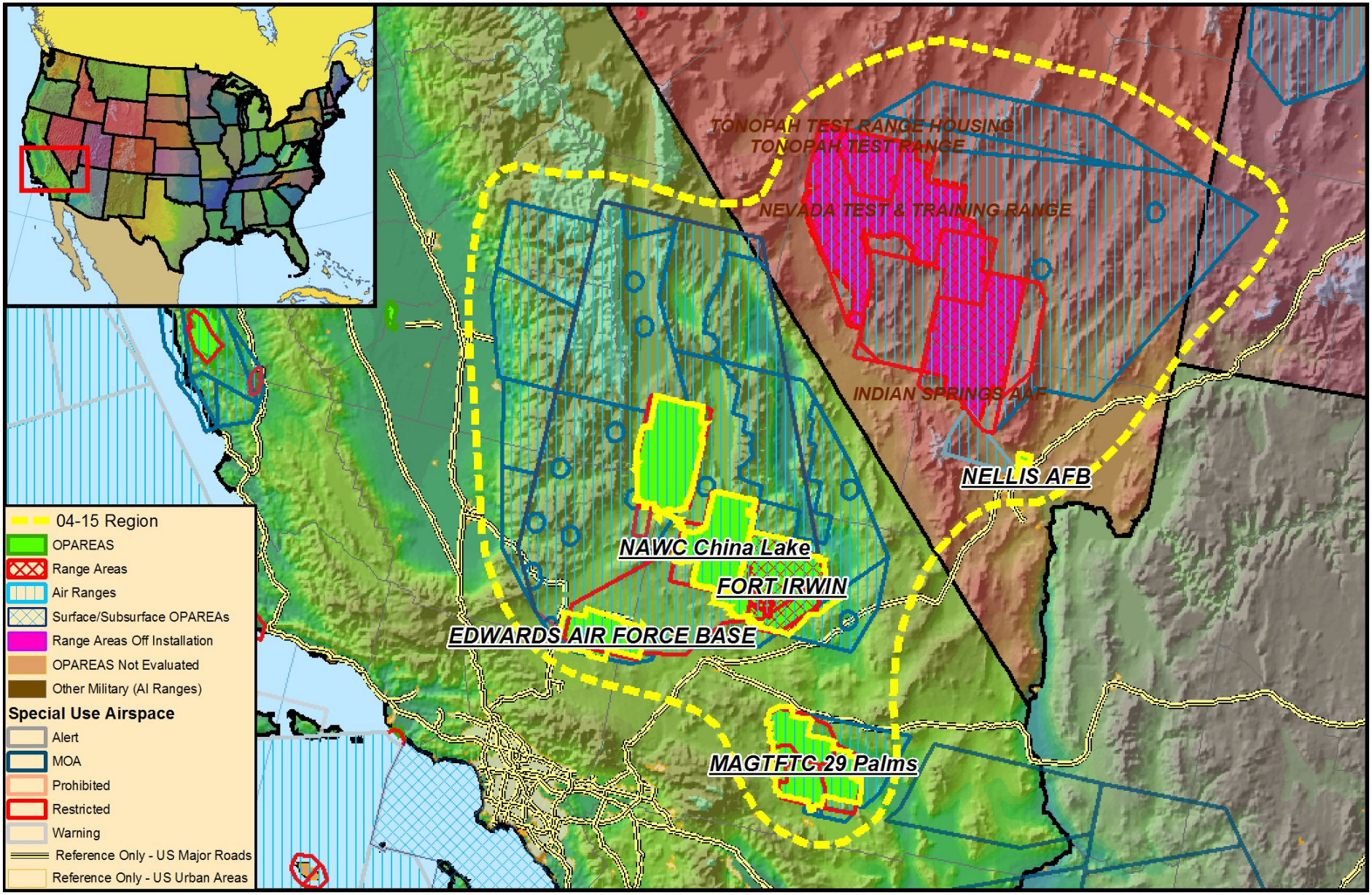

CALIBRE

0 25 50 75 100 Miles

0 25 50 75 100 Kilometers

Albers Equal Area Conic Projection

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21 October 2004

For information contact:
Markus Craig
GIS Program Manager

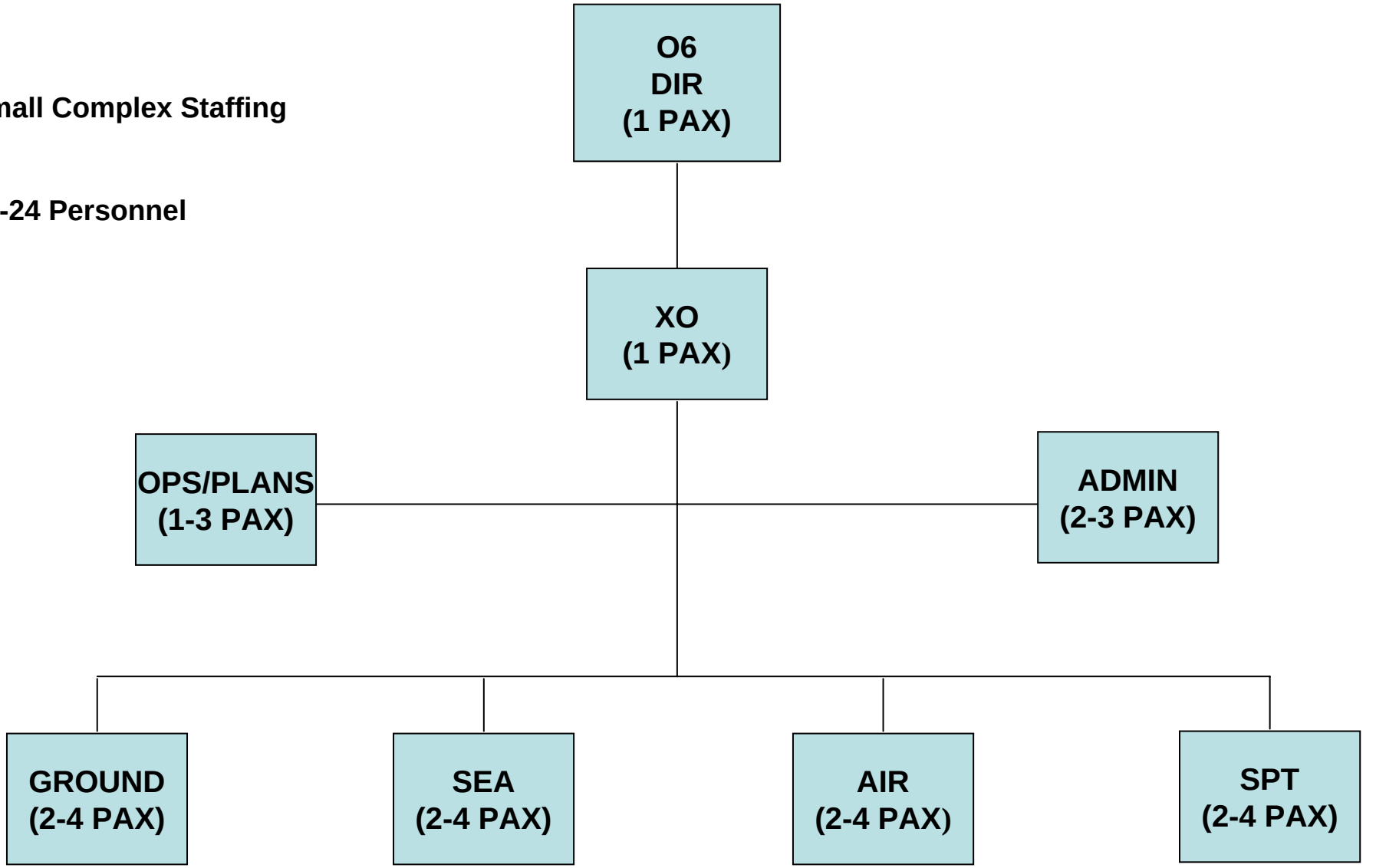
Range Subgroup

Joint Planning/Coordination Staffs

- ✓ Centers of Excellence (Unique Capabilities)
  - Small Cross Service Cell (Plan/Coord Staff)
- Air-Ground Complexes
  - Mid size Cross Service Cell (Plan/Coord Staff)
- Full Capability Complexes
  - Full size Cross Service Cell (Plan/Coord Staff)
- All staffing for Plan/Coord Staff taken from proposed Scenarios Closures

Small Complex Staffing

13-24 Personnel



Joint Arctic Training Center

Proposal	Drivers/Assumptions

▪ Utilizes Fort Wainwright, Donnelly Training Area, and Yukon Training Area as a Joint Arctic training center and airspace associated with Eielsen AFB
▪ Gaining Activity: Ft Wainwright
▪ Losing Activity: 14-26 personnel
  ▪USA
  ▪USN
  ▪USAF
  ▪USMC
	▪ Principles: Recruit/Train
	▪ Transformational Option: #40
	▪ Other Services able to use facilities

Justification/Impact	**Potential Conflicts**
▪ Provides unique, truly arctic training environment available for all Service use	▪ Requires assessment of current Army missions

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 07-02

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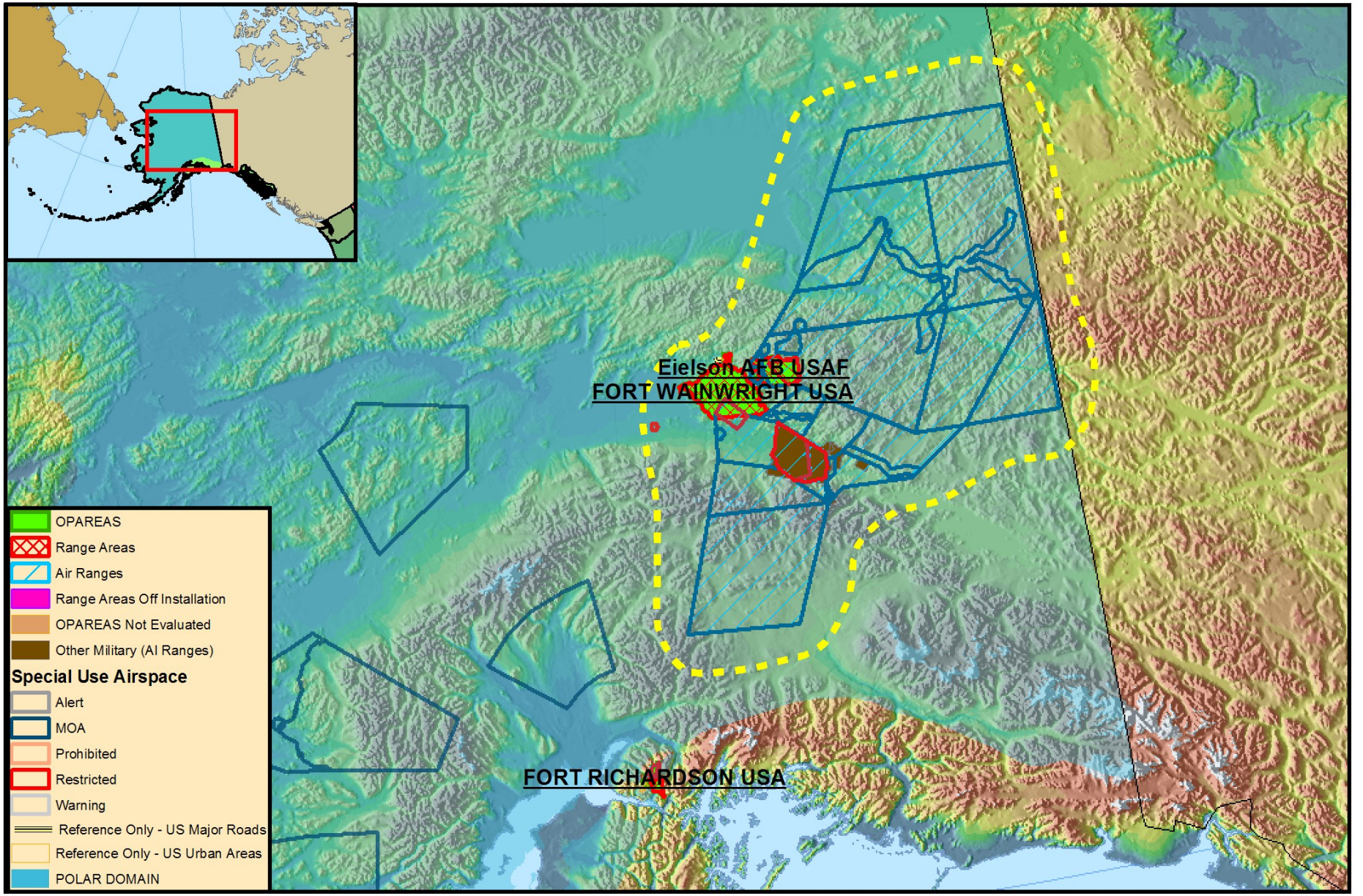

CALIBRE

Joint Tropical Environment Training Center

Proposal

- Establish a joint tropical ground maneuver training range complex in Hawaii consisting of Schofield Barracks (not including Pohakuloa Training Area) and MCB Hawaii
- The proposal establishes an executive agent for DoD to coordinate joint use of complex
- Gaining Activity: Schofield Barracks
- Losing Activity: 14-26 personnel
  - USA; USF
  - USMC; USN

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #40
- USMC and Army have common ground training practices
- USMC and Army ground training ranges are identical
- USMC and Army can utilize the capability of this complex

Justification/Impact

- Provides unique tropical training environment available to all Services
- Allows for Cross-Service ground training venue in Pacific AOR
- Requires Cross-Service coordination (ISSA)
- Opportunity to achieve T2 common range infrastructure goals

Potential Conflicts

- Significant environmental and cultural resource issues
- Requires assessment of current Army and USMC missions

Approved_____ Disapproved_____ Revised_____ Deferred_____

TNG 07-03

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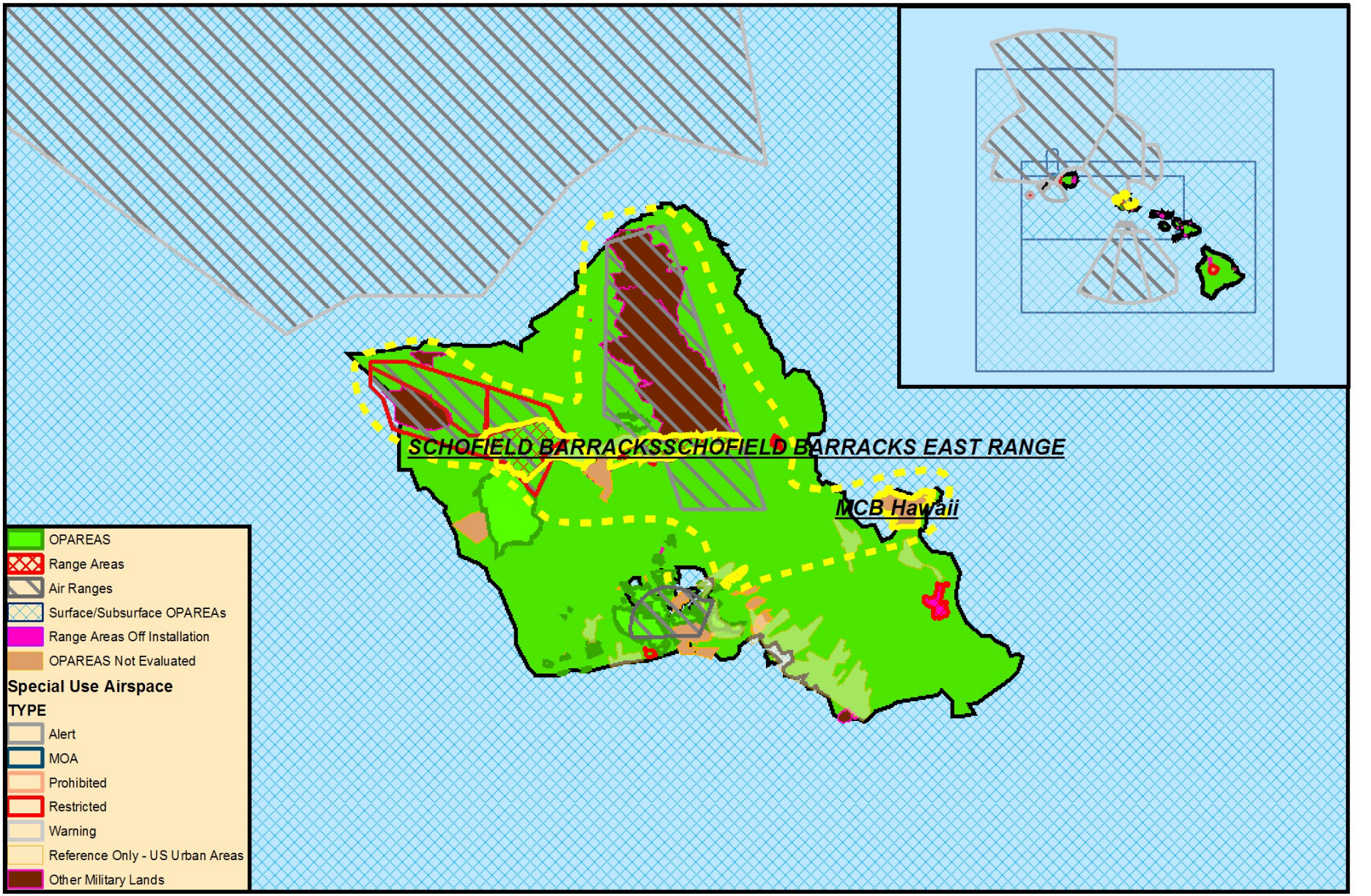

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Establish Littoral Environment Training Center West

Proposal

- Identify primary sites for CONUS based USMC/USA training in littoral settings for over the beach training.
- Primary sites must have access from Naval Shipping (Deep Water) and provide ability to maneuver both at sea and inland.
- Gaining Activity:
  - MCB Pendleton (USA-PAX)
- Losing Activity: 14-26 personnel
  - USN
  - USMC
  - USA
  - USAF

Drivers/Assumptions

- Principles: Recruit/Train.
- Transformational Options: #39 & #40.
- Littoral sites are limited resource, requiring special recognition.
- Primary sites must be able to support collective (ESG/MEU(SOC)) sized exercise, both sites are proven to accommodate this training
- Secondary sites are crucial for unit level training. Most remaining littoral sites support some amount of unit level training.

Justification/Impact

- Recognizes scarce training environment's critical role.
- Secondary sites called out support SOF/USMC/USA/USN training.

Potential Conflicts

- Increasing encroachment

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TNG 07-04

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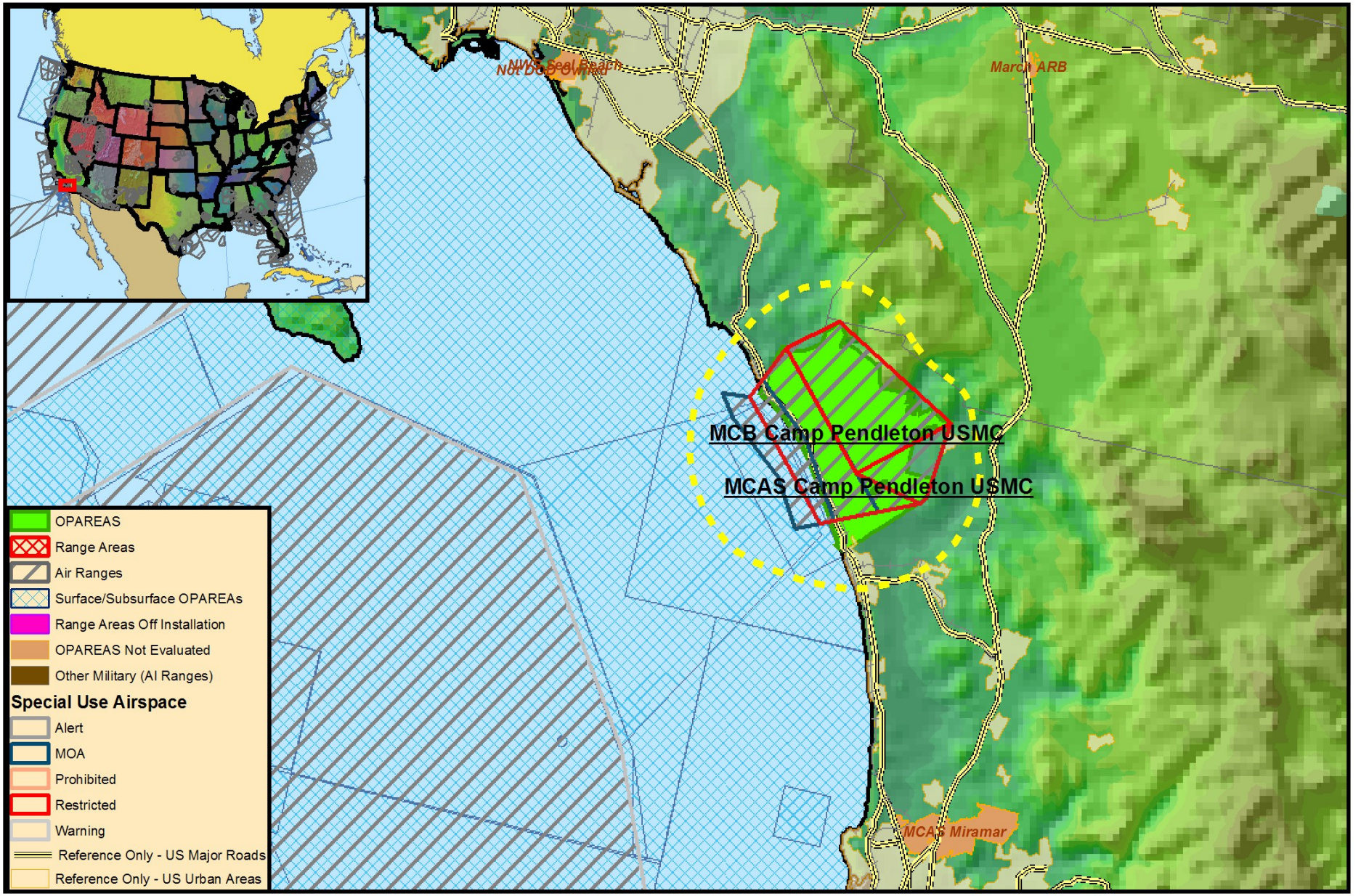

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Albers Equal Area Conic Projection

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For information contact:
Markus Craig
GIS Program Manager

Establish Littoral Environment Training Center East

Proposal

- Identify primary sites for CONUS based USMC/USA training in littoral settings for over the beach training.
- Primary sites must have access from Naval Shipping (Deep Water) and provide ability to maneuver both at sea and inland.
- Gaining Activity:
  - Eglin AFB (USMC-PAX)
- Losing Activity: 14-26 personnel
  - USN
  - USAF
  - USMC
  - USA

Drivers/Assumptions

- Principles: Recruit/Train.
- Transformational Options: #39 & #40.
- Littoral sites are limited resource, requiring special recognition.
- Primary sites must be able to support collective (ESG/MEU(SOC)) sized exercise, both sites are proven to accommodate this training
- Secondary sites are crucial for unit level training. Most remaining littoral sites support some amount of unit level training.

Justification/Impact

- Recognizes scarce training environment's critical role.
- Secondary sites called out support SOF/USMC/USA/USN training.

Potential Conflicts

- Increasing presence/use of Eglin could compete with current T&E mission.

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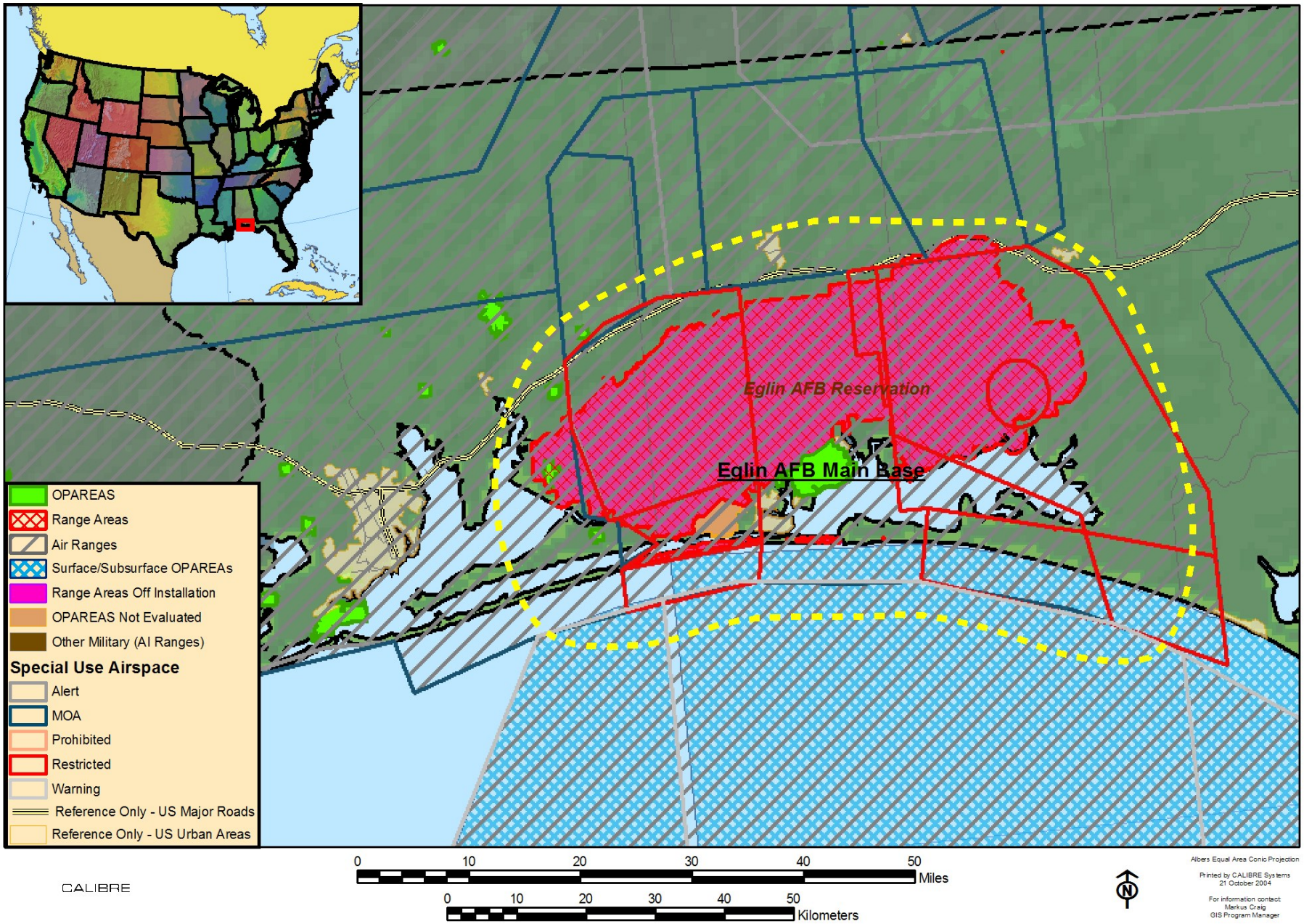

Establish Littoral Environment Training Center (Secondary)

Proposal

- Identify secondary sites for CONUS based SOF/ USMC/USA training in littoral settings for over the beach training. Fort Story, NAB Little Creek, MCB Camp Lejeune, CSS Panama City, San Clemente Island, San Nicholas Island, NAS North Island complex, NAS Whidbey Island, Vandenberg AFB, MCB Hawaii.
- Secondary sites may have one or more of the following:
  - access from Naval Shipping (Deep Water).
  - provide ability to maneuver ship to shore.
  - live fire ranges.
- Gaining Activity: TBD
- Losing Activity: TBD
- USA; USAF; USMC; USN
-

Drivers/Assumptions

- Set of locations will be evaluated and assigned based on MV
- Principles: Recruit/Train.
- Transformational Options: #39 & #40.
- Littoral sites are limited resource, requiring special recognition.
- Secondary sites must be able to support unit sized exercise.
- Secondary sites are crucial for unit level training.

Justification/Impact

- Recognizes scarce training environment's critical role.
- Primary sites called out support collective over the beach training.

Potential Conflicts

- Use of Vandenberg AFB and NAS Whidbey Island basically unexplored. Initial inquiry indicates Vandenberg AFB may be unsuitable due to environmental restrictions.

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TNG 07-06

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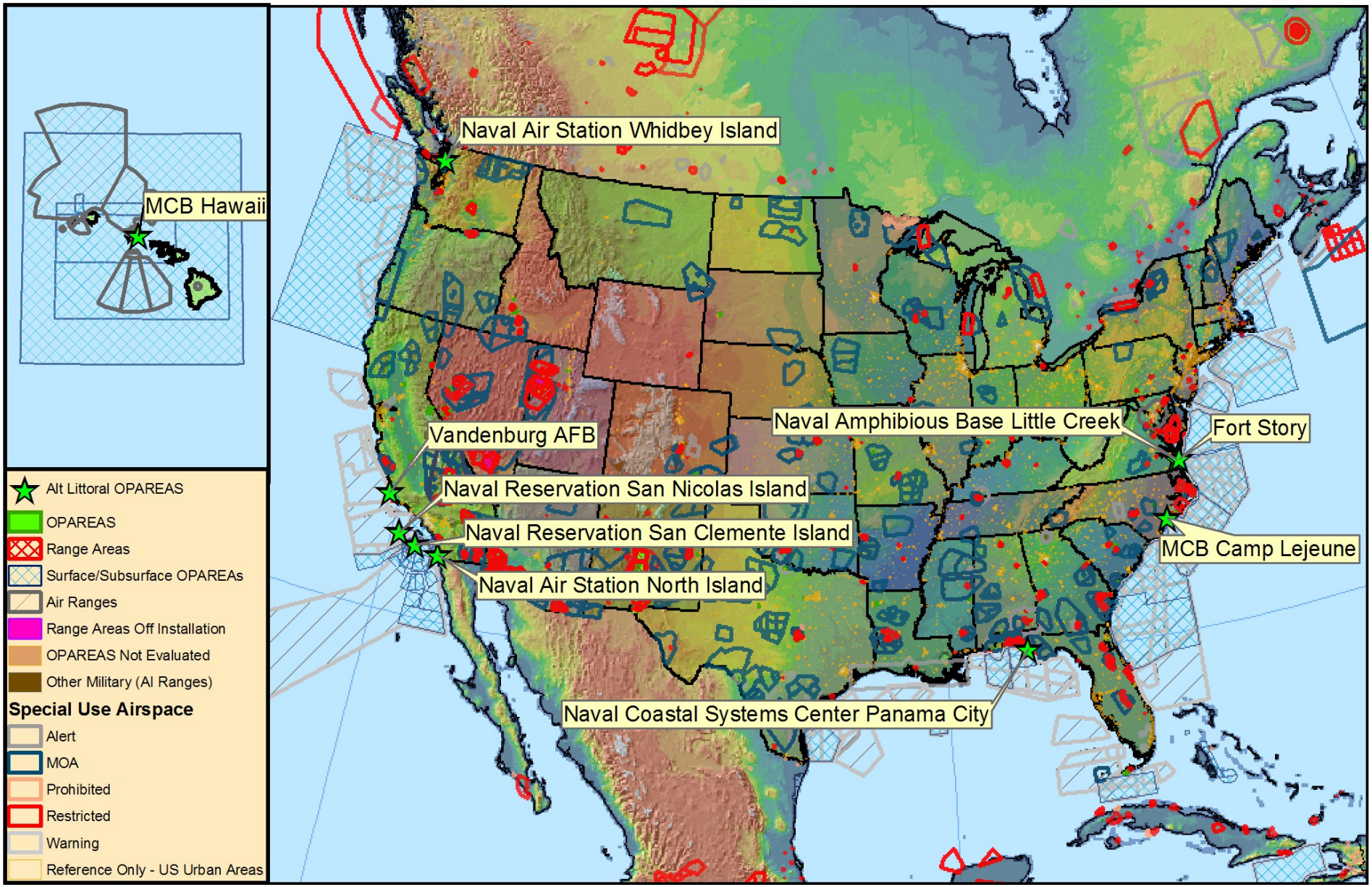

CALIBRE

0 500 1,000 Miles

0 500 1,000 Kilometers

N

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For information contact:
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Sierra Nevada Mountain Environment Training Center

Proposal

- Establish a ground maneuver training range complex in California and Nevada consisting of MCMWTC Bridgeport and Hawthorne Army Depot
- The proposal establishes an executive agent for DoD to coordinate joint use of complex
- Gaining Activity: MCMWTC Bridgeport
- Losing Activity: Hawthorne Army Depot
- USA
- USN
- USAF
- USMC

Drivers/Assumptions

- Principles: Recruit/Train
- Transformational Option: #39
- USMC and Army have common ground training practices
- USMC and Army ground training ranges are identical
- USMC and Army can utilize the capability of this complex

Justification/Impact

- Optimizes available ground maneuver capacity at sites:
  - MCMWTC: 46K acres
  - Hawthorne Army Depot: + 68K acres
  - 114K acres
- Requires Cross-Service coordination (ISSA)
- Opportunity to achieve T2 common range infrastructure goals
- Ownership of land between sites (Federal/State/etc.)

Potential Conflicts

- Use of Hawthorne for ground maneuver is unknown
- Requires assessment of current Army and USMC missions
- Do not want to detract from USMC mountain warfare training capability
- Large non-contiguous area straddling two states

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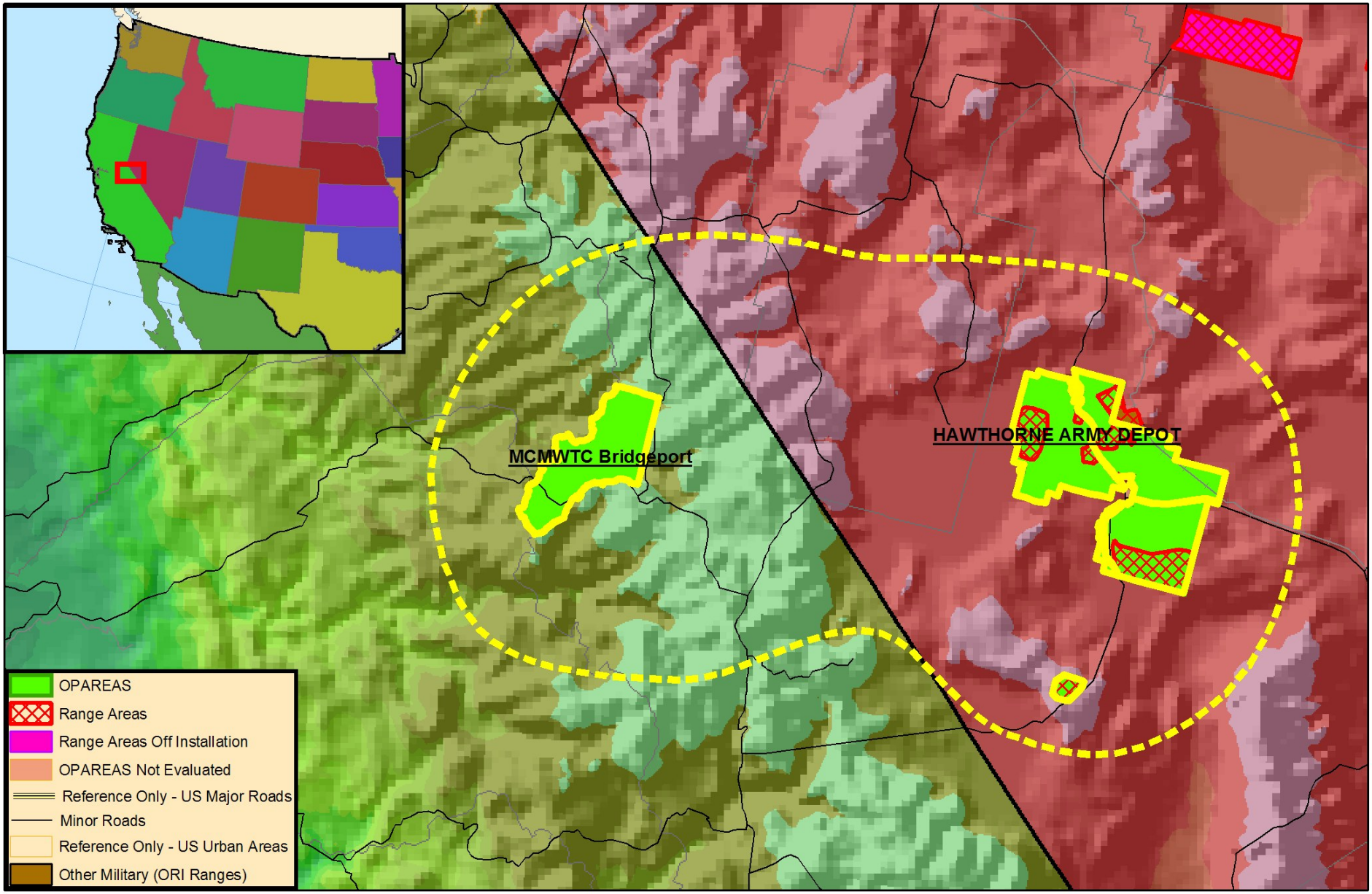

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0 10 20 30 40 50 Miles

0 10 20 30 40 50 Kilometers

N

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Flight Training JCSG

Scenario Development Analytical Process

Analysis Approach by Subfunction

- Undergraduate Fixed-Wing Flight Training
  - Optimization model with NFO/Nav
- Undergraduate NFO/Navigator Training
  - Optimization model with UFT
- Undergraduate Rotary-Wing Flight Training
  - Analyze all three possible scenario options (no opt. model)
- Initial Joint Strike Fighter (JSF) graduate-level flight training site
  - Analyze capacity and characteristics of potential receiving sites (single function - no opt. model)
- Initial training for Unmanned Aerial Vehicles (UAV)
  - Analyze capacity and characteristics of potential receiving sites (single function - no opt. model)

UFT Fixed-Wing Functions

➢USN

- Primary pilot
- Advance E2/C2
- Advance Rotary
- Adv Core NFO
- Multi-engine MPTS
- Strike
- Primary NFO
- Strike NFO
- Intermediate E2/C2
- Intermediate MV-22
- Intermediate NFO
- Strike/Fighter NFO

➢USAF

- Primary pilot
- Tanker/Airlift
- IFF*
- Primary NAV
- Primary pilot (ALP)
- Fighter/Bomber
- IFF (ENJJPT)*
- Airmanship
- Primary pilot (ENJJPT)
- Fighter/Bomber (ENJJPT)
- Pilot Instructor Training
- Electronic Warfare Officer

** Graduate function current performed on UFT base*

UFT Fixed-Wing Installations

- **USN**
  - NAS Corpus Christi
  - NAS Kingsville
  - NAS Meridian
  - NAS Pensacola
  - NAS Whiting Field
- **USAF**
  - Columbus AFB
  - Laughlin AFB
  - Moody AFB
  - Randolph AFB
  - Sheppard AFB
  - Vance AFB

UFT FW Analytical Process

- **Step 1.**

Input
- Requirements
- Capacities
- Military values
- Transformational options

→ Optimization Model →

Results
- Open bases
- Closed bases
- Total MV
- Excess capacity

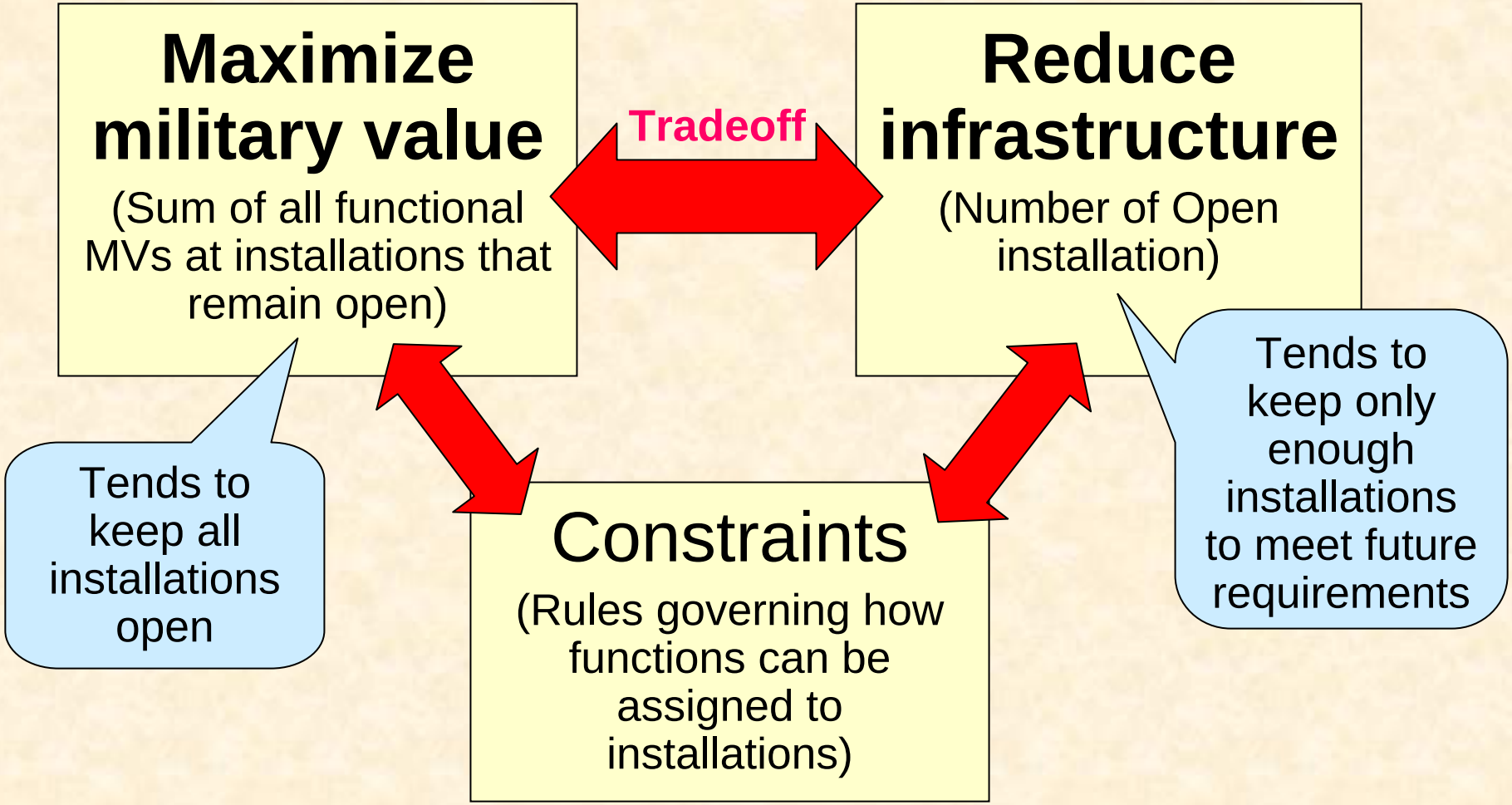
- **Step 2.**

Input
- Requirements
- Capacities
- Transformational options

→ Functional Laydown Analysis →

Results
- Assignments of UFT functions to "Open" bases

Optimization Model Objectives

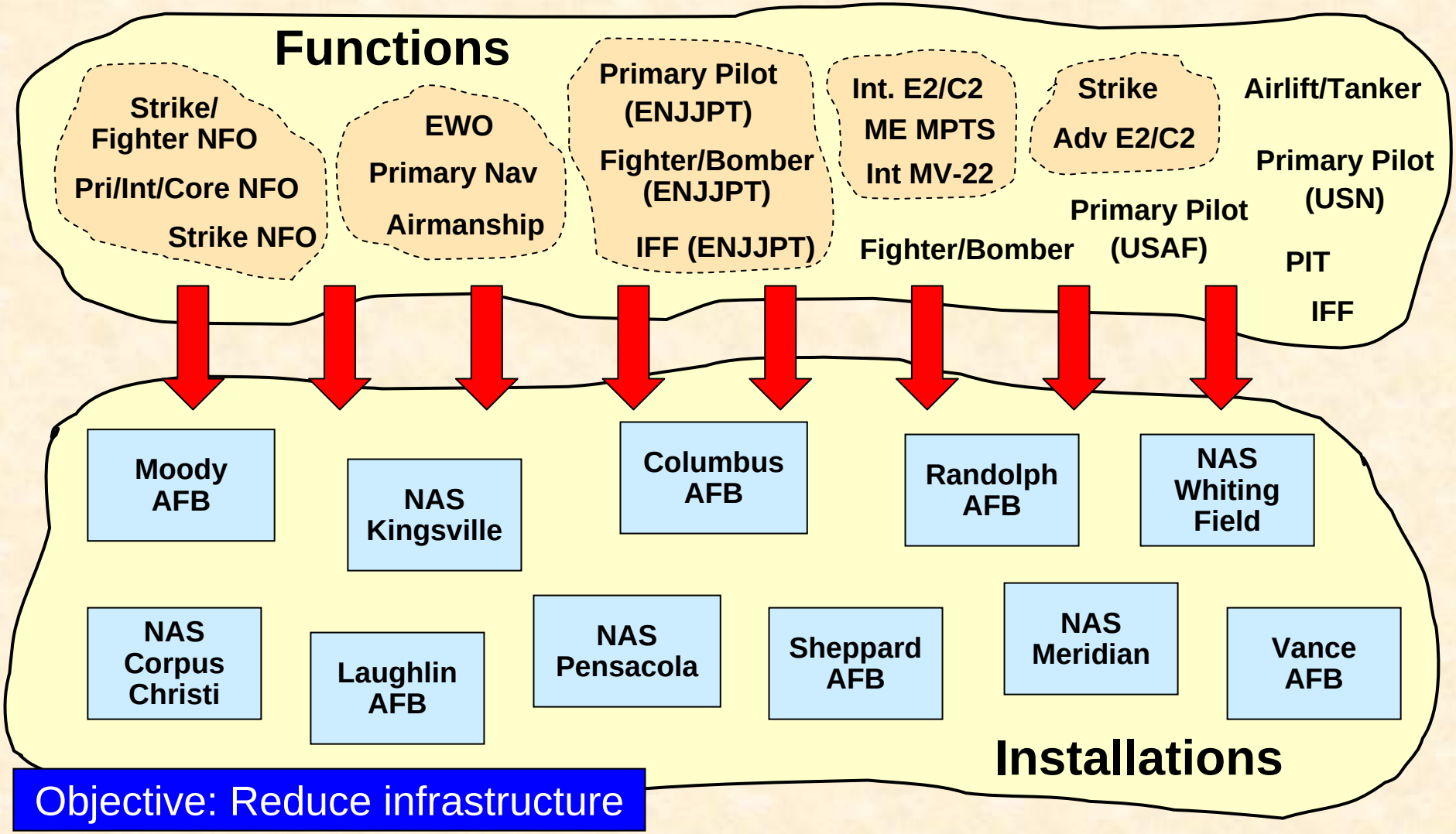


Optimization Modeling Process

- Run model to determine 1st, 2nd, & 3rd best MV solutions for scenarios that keep open
  - 11 installations
  - 10 installations
  - ….
  - Min # installations
- Compute total Functional Military Value and Excess Capacity for each solution

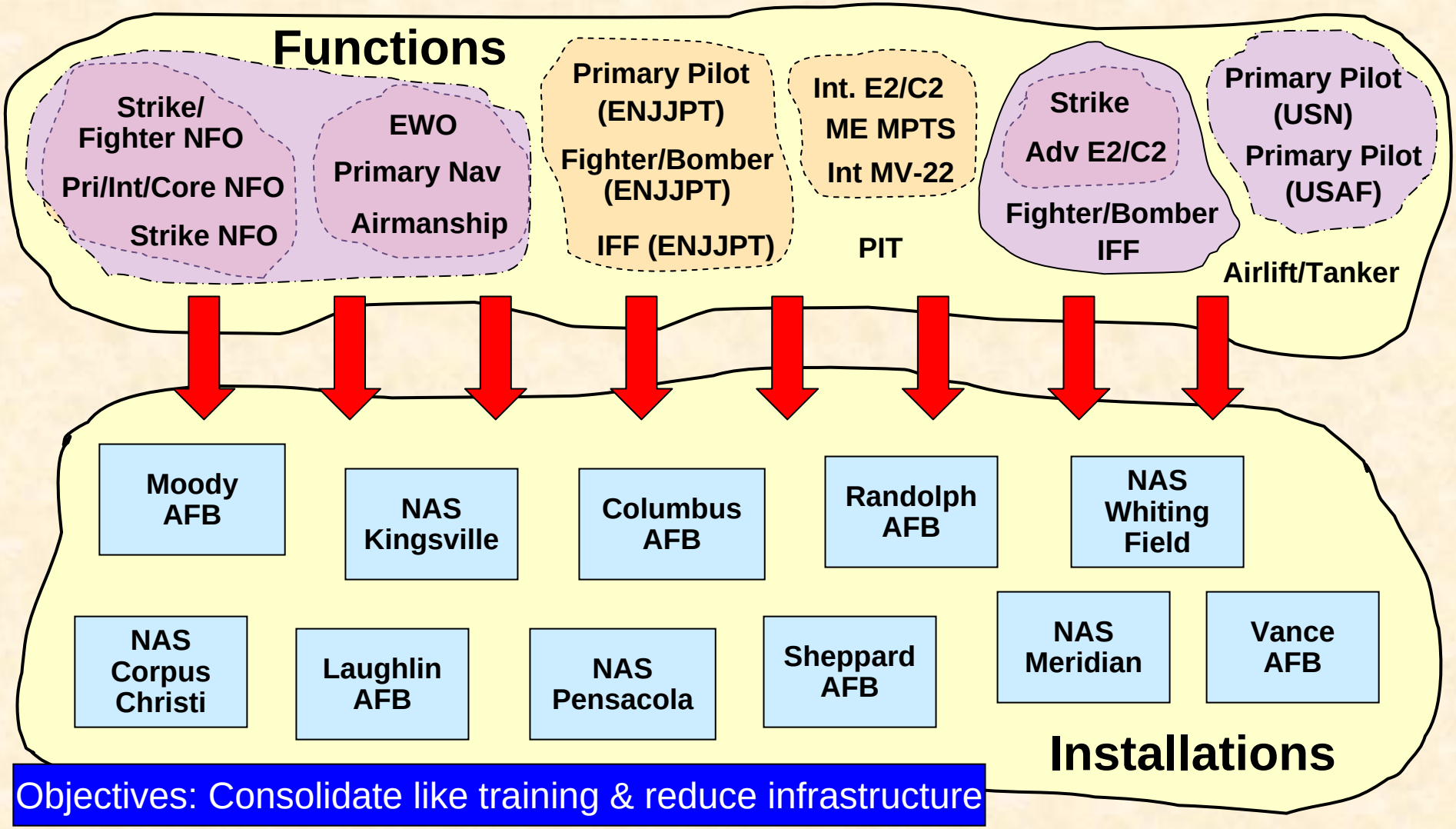
# Open Installations		Military Value	Excess Capacity	
			Runway	Airspace
11	1st			
	2nd			
	3rd			
10	1st			
	2nd			
	3rd			

Business Case UFT FW Model
Scenario #1: Status Quo



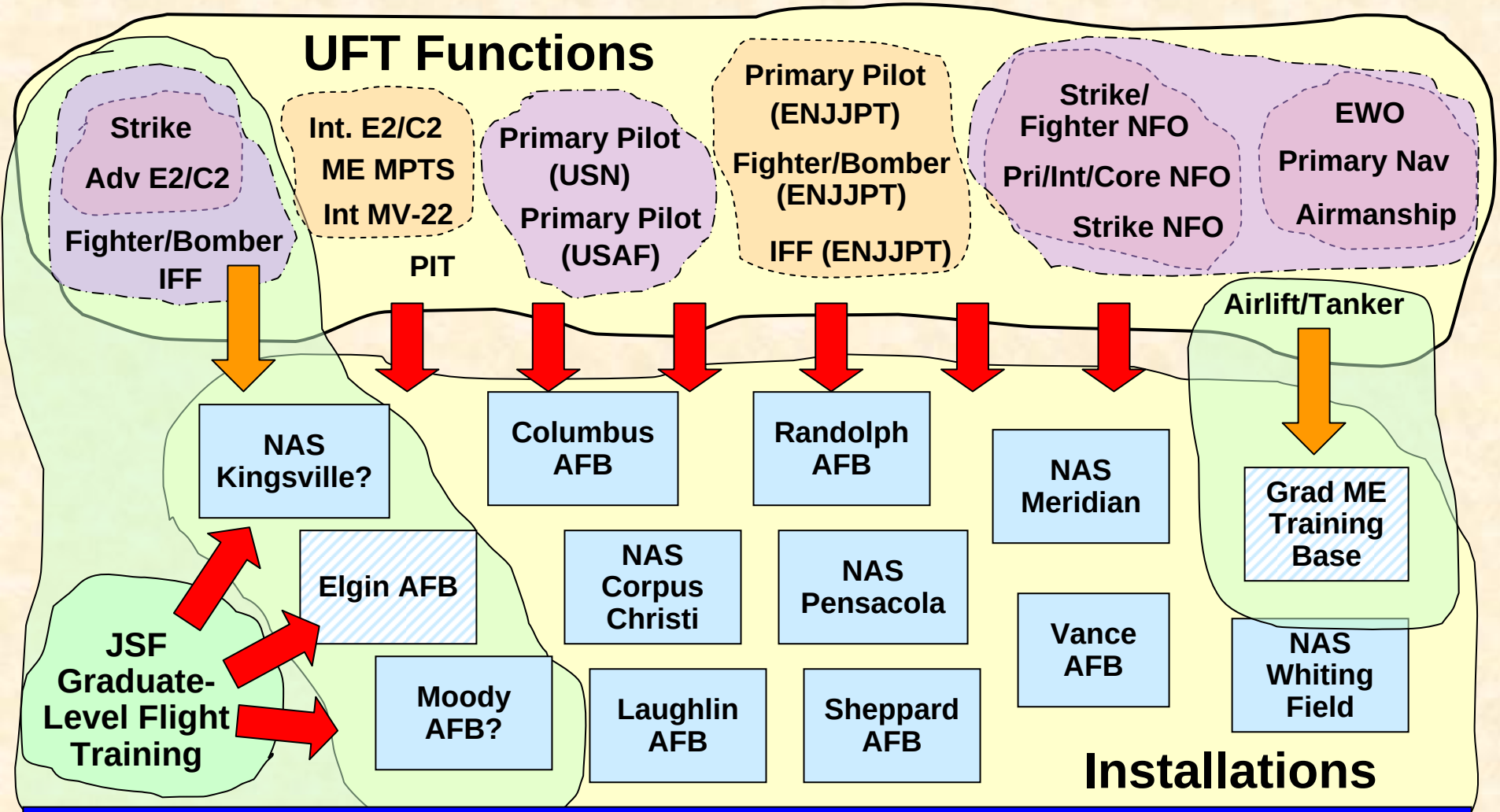
Objective: Reduce infrastructure

Business Case UFT FW Scenario #2: Undergraduate Cooperative Options



Objectives: Consolidate like training & reduce infrastructure

Business Case UFT FW Model Scenario #3: Undergrad-Grad Transformational Option



Objectives: Transform Adv training, consolidate like training & reduce infrastructure

UFT FW Modeling Parameters

- **Objective function:**
  - Maximize Functional Military Value
    - Weigh pilot training FMV 20% more than NFO/NAV
- **Capacity values:**
  - Use “current” capacity (FY04)
  - Use FY08 requirements (grads)
  - Include 20% surge requirement
  - No expansion capability
  - NAS Whiting Field capacity based on T-6 aircraft
    - 4000 ft runway requirement
    - Assume South Field used for helicopter training
- **Rules:**
  - Keep single-sited functions single-sited
  - Define minimum assignments
  - Exclude functions from some bases (no jets at NAS W.F.)

UFT FW Training: Capacity Metrics

- Runway usage
  - Requirements
    - Runway ops per graduate
    - Planned graduates
  - Capacity
    - Annual runway ops at main & outlying fields
- Special Use Airspace usage
  - Requirements
    - SUA per graduate
    - Planned graduates
  - Capacity
    - Square miles of SUA (schedule/controlled)

Issues

- How to account for bases that may not close if UFT function is removed?
  - Sheppard AFB
  - Randolph AFB
  - NAS Pensacola
- UFT FW capacity at NAS Whiting Field would increase if helicopter training moves to Ft Rucker
- Sharing of OLFs and airspace among neighboring air stations
  - NAS Pensacola/NAS Whiting Field
  - Columbus AFB/NAS Meridian