

**RELOCATION OF SENSORS, ELECTRONIC WARFARE (EW) AND
ELECTRONICS FUNCTION FROM POINT MUGU TO CHINA LAKE SHOULD
STAND AS RECOMMENDED BY THE SECRETARY OF DEFENSE**

The recommendation to move electronic warfare and related functions from Point Mugu to China Lake meets the BRAC criteria and supports the goals of the Secretary of Defense for BRAC 2005.

Technical Cross Service Working Group Justification. “Consolidating the Sensors, EW, and Electronics RDATE functions at China Lake will eliminate redundant infrastructure between Point Mugu and China Lake and provide for the more efficient use of the remaining assets including the Electronic Combat Range and other integration laboratories at China Lake.”

China Lake Military Value is Higher. The military value ratings for China Lake are substantially higher than that for Point Mugu in two of the three rating categories and only slightly below that of Point Mugu for the third as shown in the following table:

Development and Acq.		Research		Test and Evaluation	
Point Mugu	0.3495	China Lake	0.3594	China Lake	0.5610
China Lake	0.3267	Point Mugu	0.2811	Point Mugu	0.3103

Cost and Payback Inaccuracies in Report. The TCSWG estimates the payback period to be 12 years and the 20-year net present value to be \$16.9 million. We have found this calculation to be in substantial error. The TJCSG used an inconsistent factor of 5.7 percent personnel efficiency factor for the consolidations factor instead of the standard 15 percent. The 15 percent factor, a standard for consolidations, is reasonable for the EW move in which the Avionics Division, Information Warfare Division, Electronic Warfare Division, and Mission/Sensors Division will be merged with like divisions at China Lake. Excess infrastructure and capacity will be eliminated.

A revised COBRA report is included on the following pages.

With corrections made for the consolidation cost savings factor the payback will be shortened from 12 years to 5 years.

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COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
 Data As Of 7/7/2005 10:01:46 AM, Report Created

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Department : Technical JCSG
 Scenario File : C:\Documents and Settings\unk\Desktop\BRAC
 Results\Cobra Program\J - TECH-0054 COBRA Input Final (6[1].10)
 04292005 15 percent savings vs 5.7.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\unk\Desktop\BRAC
 Results\Cobra Program\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2009
 Payback Year : 2015 (6 Years)

NPV in 2025(\$K): -83,750
 1-Time Cost(\$K): 72,699

Net Costs in 2005 Constant Dollars (\$K)					
2011	2006	2007	2008	2009	2010
Total	Beyond				
MilCon	315	0	3,500	0	0
Person	0	0	0	-304	-2,158
Overhd	301	-3,354	-8,285	-9,362	-9,444
Moving	405	3	1	19,564	0
Missio	1,000	1,000	4,000	0	0
Other	16,730	17,914	6,037	3,594	7
TOTAL	18,752	15,562	5,253	13,493	-11,595
	29,869	-11,600			

2011	2006	2007	2008	2009	2010
Total					
POSITIONS ELIMINATED					
Off	0	0	0	0	0
Enl	0	0	0	0	0
Civ	0	0	0	0	0
TOT	0	0	0	0	0
POSITIONS REALIGNED					
Off	0	0	0	4	0
	4				

Enl	0	0	0	7	0
0	7				
Stu	0	0	0	0	0
0	0				
Civ	0	0	0	368	0
0	368				
TOT	0	0	0	379	0
0	379				

Summary:

 Realign Naval Air Warfare Center, Weapons Division, Pt. Mugu, CA.
 Relocate the Sensors, Electronic Warfare (EW), and Electronics Research, Development, Acquisition, Test & Evaluation (RDAT&E) functions to Naval Air Warfare Center, Weapons Division, China Lake, CA.

Point Mugu provides a wide range of synergistic EW support to TACAIR platforms, threat simulation, intelligence/sensor engineering for Navy, USMC, Air Force, and FMS customers. This action would most likely result in the loss of significant electronic warfare intellectual capital that could not be replaced. EW currently shares resources and processes to improve integration efficiency and to reduce duplicative efforts. Point Mugu has worldwide recognition as the leader in EW development, test, evaluation, and in-service engineering, with 15 years per person average EA-6B, AEA, TACAIR EW, and Threat Analysis engineering experience. Over 4500 work-years of EW specialized experience exist at this site. The Point Mugu EA-6B Weapons System Support Laboratory provides real-time operational support to the Fleet during times of war. This capability must be maintained at 24/7/365. When a crisis occurs in the world, EWDS Lab (Threat Sensor Engineering team), Mission Planning laboratory, and the Systems Engineering laboratories are required to urgently respond to the Fleet needs. Example of recent Fleet support, (1) pushed reprogrammed User Data Files (UDF) to deployed squadrons on 9/11/2001, (2) 31,900 data requests (sample from June 03 to June 04) with 100% responded in less than 24 hour response time to deployed squadrons. Reference #DON026: If we move the EA-6B laboratories to another location, a recurring cost to maintain existing laboratories will exist at Point Mugu to support the EA-6B Prime contractor on-going software development activities. Until this contract expires, the government is obligated to provide this facility. Recurring cost of \$1900K per year until lab can be relocated. Item 40 in receiving submittal includes \$480K of shuttle annual savings through contract restructure that cannot be achieved as a result of this action.

China Lake Response: Portions of the information provided in the Donor and Gainer's response to TECH

0054 are the result of a cooperative effort between Point Mugu and China Lake personnel. This represents the minimum risk approach to ensuring 24/7 response capability at the current levels with significant overlap in capability during the transition. Under this plan, the 24/7 response capability would be in place at China Lake in 18 months for the EA-6B laboratory and 24 months for the Electronic Combat Systems Evaluation Laboratory (ECSEL) with no breaks in service. An alternative approach that is not reflected in the above response was also explored which would rely more heavily on transferring existing equipment from Point Mugu and would reduce the cost of purchasing new equipment by approximately \$20 million. This approach would necessitate shutting down the 24/7-response capability for approximately 3 months. While there are partial workarounds that would require an increased reliance on flight testing during this shutdown period, the ability to support urgent Fleet needs would be high risk. Regardless of which approach is selected, the movement of Sensors/EW/Electronics RDATE functions from Pt. Mugu to China Lake ultimately strengthens the synergy between these functions and the existing Electronic Combat Range and other integration laboratories already at China Lake.

Certified Source Data

1. TECH-0054 Response from DON, 11 Jan 2005.xls
2. TJCSG minutes 13 Jan 2005

Data Standards - Source 2

A. Start Dates

- 1) For moves requiring no renovation or new office space 2006
- 2) For moves requiring Office Space move in 2008
- 3) For moves requiring Lab Space move in 2009

B. MILCON

- 1) For purposes of COBRA, assume 160 Gross Square Feet (DOD Standard) for Office Space (FAC 6100)
- 2) For S&T organizations requiring MILCON, absent a detailed breakout of equipment and facilities, use 150 Gross Square feet per person (this from the NAVFAC guide for Laboratories).
- 3) For SCIFS the FAC code is 1404. For purposes of housing people is SCIFS (when they are reported as separate and additional facilities), We want to assume 1 person per 1000 square feet will use that space as an office. That person should be removed from the other portion of the building.
- 4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel: $160 * \text{reassigned personnel} + 150 * \text{research FTEs being reassigned}$. If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square

feet, the phrase insufficient milcon is displayed in the comments. Similarly, if the space being constructed, renovated or available at the receiving base exceeds the needed space, the phrase excessive milcon is displayed in the comments.

C. Addition Network/IT Costs

1) COBRA allows \$1200 per person for a single network. Use \$1200 person for an addition networks (S,TS).

D. Additional savings

1) If leased space has not had an AT/FP upgrade, HAS is assuming a one-time savings of \$28.28 per gross square foot in NCR. This means that if we move out of a leased space in the DC area that has not been upgraded we can take that as a savings.

E. Personnel Reductions

1) Subgroups can apply a 15% reduction against all government personnel moved.

2) There are three types of organizations at the receiving site:

Consolidated

Joint

Co-Located

3) Subgroups can use their best judgment on the personnel reductions possible in all three, but it would seem that Consolidated has the best opportunities for reductions in P&T, with Joint slightly less and Co-Located the least potential for reduction.

F. Contractor Reductions

1) Subgroups can apply a 15% reduction against all contractor personnel.

2) Show a \$200K Misc. Recurring Savings for each contractor eliminated.

G. Decontamination Costs

1) No decon costs allowed if the affected base is not closed.

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Department : Technical JCSG
 Scenario File : C:\Documents and Setting\Desktop\BRAC Results\Cobra
 Program\J - TECH-0054 COBRA Input Final (6[1].10) 04292005 15 percent
 savings vs 5.7.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
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 Program\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)					
2011	2006	2007	2008	2009	2010
	Total	Beyond			
----	-----	-----	----	----	----
MilCon	315	0	3,500	0	0
0	3,815	0			
Person	0	0	0	1,854	0
0	1,854	0			
Overhd	301	226	170	1,233	1,151
1,151	4,233	1,151			
Moving	405	3	1	19,592	0
0	20,001	0			
Missio	1,000	1,000	4,000	0	0
0	6,000	0			
Other	18,530	17,914	6,037	3,594	7
7	46,090	2			
TOTAL	20,552	19,142	13,708	26,274	1,158
1,158	81,993	1,153			

Savings in 2005 Constant Dollars (\$K)					
2011	2006	2007	2008	2009	2010
	Total	Beyond			
----	-----	-----	----	----	----
MilCon	0	0	0	0	0
0	0	0			
Person	0	0	0	2,158	2,158
2,158	6,474	2,158			
Overhd	0	3,581	8,455	10,595	10,595
10,595	43,821	10,595			
Moving	0	0	0	28	0
0	28	0			
Missio	0	0	0	0	0
0	0	0			
Other	1,800	0	0	0	0
0	1,800	0			
TOTAL	1,800	3,581	8,455	12,781	12,753
12,753	52,123	12,753			

Consolidation of Sensors, Electronic Warfare and Electronics RDAT&E at China Lake Synchronizes with Advanced Aircraft Platform Schedules

F/A-18 Variants. Electronic warfare and weapons-aircraft integration are not isolated missions. China Lake's aircraft-weapon integration mission is heavily involved with the software that integrates the Airborne Warning Receiver ALR-62 into the aircraft weapon suite. China Lake and Point Mugu, which has responsibility for the software and threat library, must work closely with China Lake to assure that the ALR software and other aircraft systems software work properly together. Under the present arrangement, the two teams must work from separate venues to resolve software conflicts and problems. If the two teams were both located at China Lake, the needed coordination could be accomplished faster, more easily and smoother.

Joint Strike Fighter. The same situations will arise for the Joint Strike Fighter during development and for the sequence of periodic software updates. China Lake has Naval Air Warfare Center Integrated Product Team membership.

Next Generation EW Aircraft. The Navy's present electronic warfare asset, the EA-6B Prowler, will be phased in favor of the new EA-18G Growler as we move forward in the 21st century. The Growler is an F-18 variant, and China Lake will without doubt carry forward its software responsibilities. It is only logical to consolidate the electronic warfare and system integration teams at China Lake to enhance effectiveness as well as efficiency.

China Lake has the expertise to accommodate all aspects of the expanded mission.

China Lake has a staff and facilities suited to importation of additional electronic warfare and related RDAT&E functions. They have expertise in both hard and soft key electronic warfare disciplines.

[Additional material is being gathered which will be supplied to the BRAC Commission and staff in the near future.]

Consolidation at China Lake Supports Transformation. In his BRAC directive to the military services and defense agencies on November 15, 2002, Secretary of Defense Rumsfeld clearly intended for BRAC 2005 to be an instrument supporting transformation. On September 8, 2004 the Acting Undersecretary of Defense (AT&L) recommended to the Infrastructure Steering Group (ISG) 77 options for transformation. Although the ISG failed to agree on any transformational criteria for BRAC 2005, the Cross Service Working Groups were free to use the options in their scenarios and assessments.

Transformation Option 33 referenced earlier in this document applies to electronic warfare consolidation at China Lake. In this case the point about multiple functions is important – electronic warfare and weapons are closely related in the transformation process.

For RDAT&E one key transformation concept for modern warfare systems is integration at the platform level, among platforms, across the battle force, and with sensors and control systems that span the globe. Bringing sensors, electronic warfare and other aircraft electronic systems together at China Lake is consistent with the transformation process for Naval aviation that includes establishing the Integrated Weapons and Armaments RDAT&E Center at China Lake.

Integrating aircraft, weapons and the larger battle force elements has been a priority at China Lake for many years. Mission planning systems and real time integration of battle information from external and internal sensors is a major China Lake strategic thrust, and bringing the expertise from Pt. Mugu makes good technical and military sense.

The Technical Cross Service Working Group's point about efficient use of the Electronic Combat Range and other integration laboratories at China Lake shows the understanding within of the Working Group in the transformation process. Other integration laboratories at China Lake include the Advanced Weapons Laboratory where the software including weapons, sensors, electronic warfare and other systems for the F/A-18 is developed and kept current; the Integrated Battlespace Arena (IBAR, a complete simulation facility for evaluation aircraft, weapons and internal-external sensors and control systems are evaluated; and many other weapons and electronics laboratories.

Co-locating the sensors, electronic warfare and electronics capabilities with the laboratories and expertise at China Lake will further enhance the transformation of aviation systems.

“Other Criteria”

All material in the corresponding “Other Criteria” section justifying creation of a Naval Integrated Weapons and Armaments RDT&E Center at China Lake applies equally to the relocation of Sensors, Electronic Warfare and Electronics RDAT&E Center

**TAB A: EXCERPTS FROM SECRETARY OF
DEFENSE MEMORANDUM ESTABLISHING
BRAC GOALS AND MANAGEMENT
STRUCTURE**

A

On November 15, 2002 Secretary of Defense Donald Rumsfeld, in a memorandum entitled *Transformation through Base Realignment and Closure*, laid out his goals for BRAC 2005 as well as the structure for conducting the assessments. He set clear goals supporting transforming the armed services and enhancing joint service activities. We believe that the following direct quotes from this memorandum are important references for the BRAC Commission supplemental to the BRAC legislation and criteria:

“Congress authorized a base realignment and closure (BRAC) round in 2005. At a minimum, BRAC 2005 must eliminate excess physical capacity; the operation, sustainment and recapitalization of which diverts scarce resources from defense capability. However, BRAC 2005 can make an even more profound contribution to transforming the Department by rationalizing our infrastructure with defense strategy. BRAC 2005 should be the means by which we reconfigure our current infrastructure into one in which operational capacity maximizes *both* warfighting capability and efficiency. I am directing this process begin immediately, under the structure set out herein.”

“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.”

TAB B

**ASSUMPTIONS REGARDING BRAC
COMMISSION DECISION CRITERIA**

ASSUMPTIONS:**CONSIDERATIONS OF BRAC COMMISSION REGARDING DEPARTMENT
OF DEFENSE REALIGNMENT OR CLOSURE DECISIONS**

1. Criteria; Criteria 1 – 4 on military value take precedence
2. Certification of data
3. Consistency of application of analytical tools
4. Significant errors in assessment that could change recommendations
5. Goals stated by Secretary of Defense at outset of BRAC
6. Consistency of analyses for all bases involved in a scenario
7. Conformance with force structure plan
8. Common sense

TAB C

QUESTIONS AND ANSWERS

C

A number of assertions that have been made or questions asked about the suitability of China Lake or host community to accept the recommended functional or personnel transfers. This section contains responses to these assertions:

1. Will competent technical personnel be willing to move to the desert to work at China Lake, and for cases where new employees must be hired?

There is no question that many employees, particularly those near retirement or with other commitments within a community, will be unwilling to transfer. The Defense Department, Services and JCSGs understood this in entering the BRAC process, and factored in an estimate for employees unwilling to transfer. On the other hand, many professionals enjoy their work, and have a commitment to their projects, and will move, however, reluctantly at first. In the case of electronic warfare at Point Mugu, many of the professional work force are retired military used to picking up stakes.

There is experience with a similar move to China Lake with the closure of the old Naval Ordnance Laboratory at Corona, California around 1970. This pre-BRAC transition is remarkably similar in some ways to the current situation. First, the Corona Laboratory was merged with China Lake, and after a number of years, the decision was made to close most of the Corona facility and move employees to China Lake. (A fuze test facility in a large building and its small staff remained in Corona). There was a great deal of protest and "I won't move" declarations, but in the end, the majority of employees moved to Ridgecrest and integrated successfully into the work force. One Corona employee became Technical Director at China Lake and another became a senior Department Head, who interestingly led the BRAC 1995 team.

In fact, there are advantages to a China Lake move that will capture the interest of many Point Mugu employees:

- They will be able to continue their interesting, challenging work
- They will be able to purchase larger, more comfortable homes at a much lower price, and pocket the difference
- They will think about the difference between a 5 minute commute to work and the long rides and heavy traffic in Ventura County
- They will learn of the high ranking of Ridgecrest schools
- They will learn of the hospitality and friendliness of a close-knit, small town atmosphere.

Once the BRAC decisions are reached, the City of Ridgecrest is planning to conduct an outreach program to inform potential transferees about the city and its services and to connect them with school officials, realtors, medical providers, the Chamber of Commerce and other sources of assistance and information.

2. In cases where it is necessary, will China Lake be able to recruit competent journeymen and new graduates?

China Lake has been successful in recruiting over the years to build a highly capable staff known throughout the world. At the college level, a recruiting technique has been developed by selecting schools with a student population appreciative of the small town atmosphere and outdoors amenities of China Lake-Ridgecrest. The recruiting force uses recent alumni who can relate to the interests and needs of the graduating seniors and graduate students. New employees are encouraged to stay in touch with their friends and faculties. New recruits entering the professional development program at China Lake are typical in the top echelon. Retention is high because of interesting, challenging work and a policy of delegating significant responsibility as soon as the employee is ready to accept it. The table below shows retention rates. Percentages shown are from hiral year to present.

Fiscal Year	Retention Rate
Present	93.1 %
2004	93.9 %
2003	92.7 %
2002	93.4 %
2001	92.9 %
2000	92.5 %
1999	86.5 %
1998	86.5 %
1997	89.7 %
1996	88.7 %
1995	90.7 %

The number of recruitments in the 1990s was very low.

When recruitment began again after the hiatus in the 1990s drawdown, China Lake had a need to recruit experienced professionals, referred to as “journeyman scientists and engineers”. In 2002, a year in which significant hiring took place, 119 entry level and 57 journeyman scientists and engineers were hired. China Lake and Point Mugu share one Human Resources Department, but China Lake recruiting was predominant. Of 484 total hires of all types in 2002, 393 were hired for China Lake. The desert location is not a significant deterrent to hiring.

China Lake has particular success in attracting female scientists and engineers because of a strong equal opportunity program. The highest-ranking civilian at China Lake, Dr. Karen Higgins, is a female professional who progressed rapidly through the engineer-management chain to the position of Executive Director.

China Lake has been successful in recruiting over the years to build a highly capable staff known throughout the world. At the college level, a recruiting technique has been

developed by selecting schools with a student population appreciative of the small town atmosphere and outdoors amenities of China Lake-Ridgecrest. The recruiting force uses recent alumni who can relate to the interests and needs of the graduating seniors and graduate students. New employees are encouraged to stay in touch with their friends and faculties. New recruits entering the professional development program at China Lake are typical in the top echelon. Retention is high because of interesting, challenging work and a policy of delegating significant responsibility as soon as the employee is ready to accept it.

3. Is the host community infrastructure able to accommodate the rapid growth?

The City of Ridgecrest and the surrounding Indian Wells Valley area experienced a serious business recession during the 1990s defense drawdown. The community lost population from its peak in the early 1990s. Census figures for Ridgecrest and the Indian Wells Valley are 36,879 in 1990 and 27,772 in 2000. This difference of about 9,000 can be compared with the overall job growth that might occur from the projected 5,598 combined direct and indirect jobs in the BRAC recommendations.

Using reasonable assumptions for family sizes, one might expect a total population growth of 15,000 or less. In other words, Ridgecrest and surrounding rural area might take on an added population above its 1990 level of perhaps 6,000 adults and children, or around 43,000 maximum.

The City of Ridgecrest in its official city plan had provisions for reaching higher than this level. Key infrastructure elements such as water and wastewater treatment can be easily accommodated. The schools have a plan that can accommodate the added students, the hospital has just started expansion construction, and there is plenty of land to accommodate housing. Streets, gutters, curbs and sidewalks must be constructed, but there is adequate time for housing and associated street construction to take place. The city and county will be ready to accommodate the new arrivals.

Additional material may be found in the section at TAB D, and details are provided in the accompanying document provided by the City of Ridgecrest.

“Other Criteria”

All material in the corresponding “Other Criteria” section justifying creation of a Naval Integrated Weapons and Armaments RDT&E Center at China Lake applies equally to the relocation of Sensors, Electronic Warfare and Electronics RDT&E Center.

TAB D

**CREATE A NAVAL INTEGRATED WEAPONS
AND PLATFORMS RDAT&E CENTER**

**PART A - SUPPORTING COMMENTS ON
CREATION OF CENTER LOCATED AT CHINA
LAKE**

**PART B - EXCERPTS FROM TJCSWG
REPORT**

PART A

THE RECOMMENDATION TO CREATE A NAVY INTEGRATED WEAPONS AND ARMAMENTS CENTER AT CHINA LAKE SHOULD STAND AS RECOMMENDED BY THE SECRETARY OF DEFENSE

TCSWG Justification.

The justification given by the Technical Cross Service Working Group, in recommending creation of the integrated center, is “consolidating the Navy’s air-to-air, air-to-ground and surface launched missiles would create an efficient integrated RDT&E center. This recommendation enables technical synergy, and positions the Department of Defense to exploit center-of-mass scientific, technical and acquisition expertise with weapons and armament Research, Development & Acquisition that currently resides at 10 locations into the one Integrated RDT&E site, one specialty site, and an energetics site”.

Further TCSWG justification: “The Integrated RDT&E Center at China Lake provides a diverse set of open-air range and test environments (desert, mountain, forest) for W&A RDT&E functions. Synergy will be realized in air-to-air, air-to-ground, and surface launched mission areas. This recommendation enables technical synergy, and positions the Department of Defense to exploit center-of-mass scientific, technical and acquisition expertise with weapons and armament Research, Development & Acquisition that currently resides at 10 locations into the one Integrated RDT&E site, one specialty site, and an energetics site.”

The complete section of the Technical Joint Cross Service Group on the Naval Weapons and Armaments RDT&E Center in Volume XII of the BRAC Recommendations Report is located at TAB F.

Recommendation Supports Secretary of Defense Transformation Goals.

In establishing the structure for the BRAC 2005 assessments the Secretary of Defense stated goals for realignment and closure of the military base infrastructure “to maximize both warfighting effectiveness and efficiency”. He also tasked the Department of Defense BRAC team to “examine and implement opportunities for greater joint activity” Pertinent excerpts from the Secretary of Defense’s memorandum is included at TAB A.

At the present time, in spite of four previous BRAC rounds, the Navy’s weapons RDT&E programs are scattered across 10 sites with consequent inefficient use of scarce intellectual and physical resources. The skills, knowledge and facilities required for research, development, & acquisition and test & evaluation are similar for weapons launched from air, surface and subsurface platforms and are amenable to consolidation at a single site. In the air launched weapons arena, aggregating these skills and knowledge

at a site with the requisite assets improves the opportunity to develop and test the best possible weapons for joint service application, a goal of defense transformation.

China Lake Ranks Highest in Overall Military Value.

Overall military value is the primary consideration established by the enabling legislation, and the Technical Cross Service Working Group developed a set of factors to evaluate the overall military value of bases working in weapons and armaments RDAT&E and listed them in order of rankings in three categories – Development and Acquisition, Research, and Test and Evaluation. China Lake ranked in top three of all service bases in each of these categories and was the highest-ranking Navy base in all three.

TJCSG Rankings. The rankings of the Navy facilities involved in the weapons and armaments RDAT&E center scenario are shown in the following table:

Development & Acq.		Research		Test and Evaluation	
China Lake	0.4982	China Lake	0.5062	China Lake	0.6391
Dahlgren	0.4669	Indian Head	0.3336	Pt. Mugu	0.6238
Patuxent River	0.3660	Dahlgren	0.2834	Dahlgren	0.4055
Port Hueneme	0.3103	Patuxent River	0.1826	Patuxent River	0.1074
Indian Head	0.2782	Pt. Mugu	0.1770	Crane	0.0930
Crane	0.2292	Crane	0.1754	Indian Head	0.0787
Pt. Mugu	0.2252	Port Hueneme	0.1156	Port Hueneme	0.0622
Seal Beach	0.1424	Seal Beach	0.0375	Seal Beach	0.0564

China Lake's ranking in each of the three categories were the highest among all of the Navy's activities and in the top three for all three services. Taken together, China Lake has the highest overall ranking of all bases in the country among all three services doing work in weapons and armaments RDAT&E.

Transformation. In addition to a clear lead in all phases of Naval weapons and armaments RDAT&E, China Lake is experienced in supporting programs for all services and foreign allies, support the Secretary of Defense's goal for joint service activity.

Transformation considerations for weapons extends beyond the items that fly off launchers through the air. China Lake's expertise in integration of weapons on air platforms is an important factor as well. Engineers at China Lake are responsible for the weapon system integration of present Navy fixed and rotary wing combat aircraft including the AH-1, AV-8B and all variants of the F/A-18. Recently China Lake was awarded the highest rating by the Software Engineering Institute, placing it in the top few percent of all software developers in the United States, public or private.

MILITARY VALUE CRITERIA

The specific criteria supporting siting the Integrated Weapons and Armaments RDAT&E Center at China Lake:

Specific Military Value Criterion

Criterion 1 - The current and future capabilities and the impact on operational readiness of the Department of Defense's total force, including the impact on joint warfighting, training and readiness. The Integrated Weapons and Armaments RDAT&E Center consolidates the Navy's technical resources into a cohesive and capable resource for fielding capable weapons to enhance the readiness of warfighters in the joint arena. Failing to consolidate will foster a diffuse, less focused weapons and armament program for the Navy, our joint forces and allies thereby reducing warfighting capability and readiness.

China Lake is the appropriate site for the Integrated Weapons and Armament RDAT&E Center and is supported by the BRAC assessment criteria and process and the Secretary of Defense's Goals. Seven sites were identified to be consolidated into the integrated center – China Lake, Point Mugu, Port Hueneme, Indian Head, Dahlgren, Crane and Seal Beach. The selection of China Lake was based on its unique capability to accept the mission, personnel and facilities its superior military value across the board, operating cost advantages and the fact that the consolidation was had financial as well as functional payoff.

Criterion 2 - The availability and condition of land, facilities and associated airspace (including training areas suitable for maneuver by ground, naval, or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations. China Lake's ranges and military and technical staff furnish the needed land and airspace for joint training by air and land forces. The terrain, weather and facilities are ideal in and of themselves, and with the nearby complex of training bases for all of the services, the totality of capabilities for force training are unmatched. Integration of China Lake's capabilities with that of the other components migrating to China Lake enhances the capability to provide the highest available expertise to assist operational forces in training and developing joint operational concepts.

China Lake is the largest Navy activity by far, and its 1.1 million acres cover a diversity of terrain and climate features. Its laboratories and outdoor ranges are the most diversified in the weapons and armaments arena including the ability to conduct research, development and test of all weapon systems components. Its ranges are used by other activities throughout California for training, and its 18,000 sq. mi. airspace shared with Edwards Air Force Base and the National Training Center, Fort Irwin is the largest restricted airspace in the United States.

China Lake's land ranges are used by Edwards Air Force base for weapon system testing, an important contribution to joint service activities.

None of the other bases in contention for the integrated site approaches the capabilities of the China Lake facilities and work force.

Criterion 3. The ability to accommodate contingency, mobilization, surge, and future total force requirements at both existing and potential receiving locations to support operation and training. As RDAT&E installations China Lake and the other sites contributing to the integrated center are not directly involved with mobilization or the operations for which this criterion was established. Nevertheless, because of its integrated mission, size and location, an Integrated Weapons and Armaments RDAT&E Center at China Lake, contributes a major training capability. The simulation and analysis centers at China Lake, combined with expertise migrating from the other installations can play an important role in developing joint doctrine and in supporting tactics development. China Lake has been contributing in this area for many years, and as an integrated RDAT&E center could contribute even more. The enormous area of China Lake and its enhanced work force of an integrated center would enhance responsiveness to contingencies.

Criterion 4. Cost of operations and manpower implications. Consolidation at China Lake will allow a reduction of the total Navy weapons and armament work force and consolidate the technical and military resources. The Pt. Mugu consolidation will have a salutary effect on the efficiencies and cost of doing business for the Naval Air Warfare Weapons Division. The present double siting of many of the Naval Air Warfare Center Weapons Division operations places a significant drain on managers' and workers' time involved in many aspects of base programs as well as transportation and per diem costs. The need for travel between sites will be greatly reduced through consolidation at China Lake in most areas, and the consequent stress and costs will be accordingly reduced.

Any consolidation involving organizational changes and personnel moves will have near-term cost implications, which is why net present value is a factor in recommendations and decisions. The long-term savings in cost of operations and manpower is the basis for base realignments and closures and in many, but not all, cases is an important factor to consider. In the case of consolidation to China Lake, substantial operating cost savings are expected. The TJSCG's calculations show an annual recurring savings to the Department after implementation of \$59.7M with a payback expected in 7 years.

The exception to China Lake's ability to accommodate all weapons and armaments RDAT&E is lack of a sea range. The Navy has the required sea range capability a short flying distance from China Lake at Point Mugu, and retention and use of the Pt. Mugu Sea Range is strongly supported by the China Lake host community. Target support, aircraft and associated handling equipment and range management personnel stationed at China Lake can easily handle much of the Sea Range needs, but range instrumentation, San Nicolas Island and its facilities, and the stationing of adequate personnel to operate the range at Point Mugu and San Nicolas are essential.

“Other” Criteria

Criterion 5 - The extent and timing of potential costs and savings, including the number of years, beginning with the date of completion of the closure or realignment, for the savings to exceed the costs. The final COBRA report for the Naval Integrated Weapons and Armaments RDAT&E Scenario shows a total one-time cost \$358.1 million with payback in expected in 7 years. The net present value of the costs and savings to the Department of Defense over 20 years is a savings of \$433.4 million.

Criterion 6 - The economic impact on existing communities in the vicinity of military installations. Clearly, the greatest economic impact of the proposed consolidation will be on the City of Ridgecrest and nearby unincorporated communities in the vicinity of China Lake. Although the analyses covering the BRAC scenario show China Lake to be in the Bakersfield metropolitan area, it is in reality a desert base separated from Bakersfield by 110 highway miles and the Sierra Nevada range. The economy and population base is largely independent of Bakersfield.

The projected growth for China Lake if the recommendations were accepted in their entirety would bring the base civilian work force approximately back to its prior peak value before the 1990s drawdown. Ridgecrest’s economy, which is 80 percent dependent on the base, suffered a major recession with the loss of roughly 40 percent of the workforce over the 1990s decade, although there was a degree of offset from base and other retirees choosing to settle in the community. BRAC actions would bring the work force back to conditions a decade and a half ago but with a population in the 40,000 ranges.

Restoration of China Lake’s work force would have a clear and obvious positive effect on the economy of Ridgecrest and the surrounding area.

The impact on losing communities is summarized in the Technical Cross Service Working Group’s reports. With the exception of losses by Pt. Mugu, which are partially offset by an influx from the Corona workforce, most of the bases involved will see a relatively small loss in jobs from this scenario.

The Oxnard-Thousand Oaks-Ventura area housing Pt. Mugu would experience a net loss of 0.8 percent according to DOD’s standard factors from all actions. Although the loss of jobs always has stresses, the economy of this metropolitan area is in a growth mode and could absorb the losses relatively easily.

Criterion 7. The ability of both the existing and potential receiving communities’ infrastructure to support forces, mission and personnel. The material in the TJCSG’s report is based on the Bakersfield Metropolitan Statistical Area, which is completely unrelated to the infrastructure issues of Ridgecrest, and the surrounding area. Ridgecrest is a small town, but a town that has been preparing for BRAC and a resulting population expansion. One scenario for the City’s General Plan called for a growth to 50,000 and key infrastructure investments such as waste treatment have already been made. The City

of Ridgecrest has prepared a complete package for the BRAC Commission. A copy of that document accompanies this document.

Criterion 8. The environmental impact, including the impact of costs related to potential environmental restoration, waste management, and environmental compliance activities. The TJCSG concluded that, “The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.”

We agree with the conclusions that there are no environmental impediments to implementation, but we take issue with a couple of statements that are in error or need contextual amplification.

First, a statement in the report on air quality is out of date and in error. China Lake and its host community are in compliance for ozone concentration.

China Lake is situated in the Mojave Desert in an area that is not impacted by air quality issues. In past years it was classified as part of the San Joaquin Valley Ozone Nonattainment Area although it is isolated from the California Central Valley by the Sierra Nevada Range. After petitions by the California Air Resources Board, Kern County and the public, the Environmental Protection Agency approved separating Eastern Kern County, where China Lake is located, from the San Joaquin Valley Ozone Nonattainment Area. Air quality ratings for China Lake are measured as part of the Kern Kern Air Quality Management District, which encompasses Eastern Kern County in the Mojave Desert. China Lake’s area is now rated in attainment on the 24-hour ozone regulation.

There were statements about endangered and threatened species and cultural artifacts that were true but need to be considered in the context of the size of China Lake’s range areas.

China Lake has enormous land holdings – over 1.1 million acres. Nearly all of the range areas are untouched by base operations - less than 10 percent is actually used for roads and range operating areas. Species and archeological are fully protected without appreciable impact on the availability of test sites, impact areas or roads and facilities.

Except in the area of air quality, which is out of date and incorrect, the community accepts the environmental impact assessments in the Technical Cross Service Working Group’s report, with the understanding that the size of the land area is such that additional work associated with the scenario can be easily accommodated without adverse environmental impact. Of all of the bases affected China Lake has the least cause for environmental concerns.

(Need to get a rundown on the status for PM 10-attainment status. Last I heard it was an issue of collecting data.)

There were statements about endangered and threatened species and cultural artifacts that were true but need to be considered in the context of the size of China Lake's range areas.

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PART B**EXCERPTS FROM TJCSG REPORT, VOLUME XII**

pp 40 – 43, Volume XII, Technical Cross Service Working Group Analyses and Recommendations

Create a Naval Integrated Weapons & Armaments Research, Development & Acquisition, Test & Evaluation Center

Recommendation: Realign Naval Surface Warfare Center Crane, IN, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except gun/ammo, combat system security, and energetic materials to Naval Air Weapons Station China Lake, CA.

Realign Naval Surface Warfare Center Indian Head, MD, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except gun/ammo, underwater weapons, and energetic materials, to Naval Air Weapons Station China Lake, CA.

Realign Naval Air Station Patuxent River, MD, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except the Program Executive Office and Program Management Offices in Naval Air Systems Command, to Naval Air Weapons Station China Lake, CA.

Realign Naval Base Ventura County, Point Mugu, CA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation to Naval Air Weapons Station China Lake, CA.

Realign Naval Weapons Station Seal Beach, CA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except underwater weapons and energetic materials, to Naval Air Weapons Station China Lake, CA.

Realign Naval Surface Warfare Center, Yorktown, VA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation to Naval Surface Warfare Center Indian Head, MD.

Realign Naval Base Ventura County, Port Hueneme, CA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except weapon system integration, to Naval Air Weapons Station China Lake, CA.

Realign Fleet Combat Training Center, CA (Port Hueneme Detachment, San Diego, CA), by relocating all Weapons and Armaments weapon system integration Research, Development & Acquisition, and Test & Evaluation to Naval Surface Warfare Center Dahlgren, VA.

Realign Naval Surface Warfare Center Dahlgren, VA, by relocating all Weapons & Armaments Research, Development & Acquisition, and Test & Evaluation, except guns/ammo and weapon systems integration to Naval Air Weapons Station China Lake, CA.

Justification: This recommendation realigns and consolidates those facilities working in Weapons & Armaments (W&A) Research, Development & Acquisition, and Test and Evaluation (RDAT&E) into a Naval Integrated RDAT&E center at the Naval Air Warfare Center, China Lake, CA. Additional synergistic realignments for W&A was achieved at two receiver sites for specific focus. The Naval Surface Warfare Center, Dahlgren, VA, is a receiver specialty site for Naval surface weapons systems integration and receives a west coast site for consolidation. This construct creates an integrated W&A RDAT&E center in China Lake, CA, energetics center at Indian Head, MD, and consolidates Navy surface weapons system integration at Dahlgren, VA. All actions relocate technical facilities with lower overall quantitative Military Value (across Research, Development & Acquisition and Test & Evaluation) into the Integrated RDAT&E center and other receiver sites with greater quantitative Military Value. Consolidating the Navy's air-to-air, air-to-ground, and surface launched missile RD&A, and T&E activities at China Lake, CA, would create an efficient integrated RDAT&E center. China Lake is able to accommodate with minor modification/addition both mission and life-cycle/sustainment functions to create synergies between these traditionally independent communities.

During the other large scale movements of W&A capabilities noted above, Weapon System Integration was specifically addressed to preserve the synergies between large highly integrated control system developments (Weapon Systems Integration) and the weapon system developments themselves. A specialty site for Naval Surface Warfare was identified at Dahlgren, VA, that was unique to the services and a centroid for Navy surface ship developments. A satellite unit from the Naval Surface Warfare Center, Port Hueneme, San Diego Detachment will be relocated to Dahlgren.

The Integrated RDAT&E Center at China Lake provides a diverse set of open-air range and test environments (desert, mountain, forest) for W&A RDAT&E functions. Synergy will be realized in air-to-air, air-to-ground, and surface launched mission areas. This recommendation enables technical synergy, and positions the Department of Defense to exploit center-of-mass scientific, technical and acquisition expertise with weapons and armament Research, Development & Acquisition that currently resides at 10 locations into the one Integrated RDAT&E site, one specialty site, and an energetics site.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$358.1M. The net of all costs and savings to the Department during the implementation period is a cost of \$148.7M. Annual recurring savings to the Department after implementation are \$59.7M with a payback expected in 7 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$433.4M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 375 jobs (258 direct jobs and 117 indirect jobs) over the 2006-2011 period in the Martin County, IN, economic area, which is 4.4 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 543 jobs (258 direct jobs and 285 indirect jobs) over the 2006-2011 period in the Lexington Park, MD, Micropolitan Statistical Area, which is 1.0 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 5012 jobs (2250 direct jobs and 2762 indirect jobs) over the 2006-2011 period in the Oxnard-Thousand Oaks-Ventura, CA, Metropolitan Statistical Area, which is 1.2 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 97 jobs (47 direct jobs and 50 indirect jobs) over the 2006-2011 period in the San Diego-Carlsbad-San Marcos, CA, Metropolitan Statistical Area, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 76 jobs (45 direct jobs and 31 indirect jobs) over the 2006-2011 period in the Santa Ana-Anaheim-Irvine, CA, Metropolitan Division, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 142 jobs (61 direct jobs and 81 indirect jobs) over the 2006-2011 period in the Virginia Beach-Norfolk-Newport News, VA-NC, Metropolitan Statistical Area, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 91 jobs (52 direct jobs and 39 indirect jobs) over the 2006-2011 period in the Washington-Arlington-Alexandria, DC-VA-MD-WV, Metropolitan Division, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 333 jobs (155 direct jobs and 178 indirect jobs) over the 2006-2011 period in the King George County, VA, economic area, which is 2.35 percent of economic area employment.

The aggregate economic impact of all recommended actions on these economic regions of influence was considered and is at Appendix B of Volume I.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this

recommendation.

Environmental Impact: This recommendation has the potential to impact air quality at Indian Head and China Lake. Archeological and historical sites exist on NSWC Dahlgren, which may impact current construction and operations. This recommendation has the potential to impact land use constraints or sensitive resource areas at Indian Head and China Lake. This recommendation has no impact on dredging; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; water resources; or wetlands. This recommendation will require spending approximately \$0.177M for waste management activities and \$1.1M for environmental compliance activities. These costs were included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

(The COBRA report for this recommendation is located at TAB H)

TAB E

**RECOMMENDATION TO REJECT
EXCEPTION TO MOVING PROGRAM
EXECUTIVE OFFICES AND PROGRAM
MANAGEMENT OFFICES TO CHINA LAKE**

THE NAVY-DOD DECISION NOT TO RELOCATE PROGRAM EXECUTIVE AND MANAGEMENT OFFICES TO CHINA LAKE IS NOT CONSISTENT WITH BRAC ASSESSMENT CRITERIA NOR THE SECRETARY OF DEFENSE BRAC 20005 GOALS, AND THE BRAC COMMISSION SHOULD REJECT THE SECRETARY OF DEFENSE RECOMMENDATION FOR PROGRAM MANAGEMENT TO REMAIN AT PATUXENT RIVER

**Basis for Secretary of Defense Recommendation
Not Documented in TCSWG Report**

In the minutes of the Technical Cross-Service Working Group April 26, 2005 teleconference meeting it was noted that “the Navy’s position that the Patuxent River Program Managers will not move to China Lake”. There was no documented justification.

In the May 3, 2005 teleconference minutes a decision was noted: “The TJCSG Principals agreed to eliminate from TECH-0018DR the relocation of the PEO-PMs from Naval Air Station Patuxent River and the Pyrotechnics staff from the Naval Support Activity Crane. There was no documented justification.

No other references were found concerning the change in the proposed scenario establishing a Navy Joint Weapons and Armaments RDAT&E Center at China Lake. The change was made on the basis of an oral or internal written request not included in the report furnished to the Commission or the public. The enormous size of the data base is such that there may be a reference somewhere else, but there is no documentation given for the reasons for the decision in what would appear to be the appropriate location – the minutes of the cross-service working group engaged in evaluating the scenario or in the TCSWG report.

Conjectures on Navy Reasons for Objecting to PEO/PMO Moves

Since the basis for Navy objection to moving program management from Patuxent River isn’t documented, one can only surmise the objections to the move. Two possible reasons for the Navy position are listed below with refutations.

Need for Proximity to Headquarters. One might assume that it was the “military judgment” that the Navy believes the program management function should stay near the Washington DC area to be able to be responsive to demands from Navy headquarters or the Office of the Secretary of the Navy or the Secretary of Defense. Perhaps the Navy assumes that the program management function should stay in close contact with the management offices of the F/A-18 or other Naval combat aircraft.

In times past this may have been true. Today, wide band electronic communications capabilities allow for instantaneous transmission of information and discussion via e-mail and teleconferencing. In the few cases where classified data must be exchanged, encrypted links are available. As mentioned below, joint program management structures further weaken the Navy's position.

Cost. Perhaps the Navy contends that it would be too costly to move the program management function to offset benefits. If the Navy could have produce certified cost comparative data favoring excepting program management functional moves, they should have been included in the Technical Cross Service Working Group's minutes or its report. Reduced staff from co-location of management and technical offices can more than offset the increased travel costs from visits to the Washington DC area.

Arguments in Favor of Moving Acquisition Management Functions.

Neither of these arguments, if indeed they are the Navy's arguments, is compelling and there are better arguments for moving the offices to China Lake:

Violation of Original Intent for Integrated Weapons and Armament RDAT&E Centers. Separating the program management function for weapons and armaments acquisition appears to violate the intent of placing "acquisition" with the other elements of the integrated centers.

Costs Are Lower for Locating Program Managers at RDAT&E Centers. The added travel costs are more than offset by reductions in program office staff and support contractors.

Improved Management Visibility. The program management team is best located near the performers; i.e. China Lake engineers and technical managers, to maintain contact with the progress of the weapons programs and to receive advice on technical or other problems at the contractor facilities as they arise.

Joint Service Management Structure. The management proximity argument is invalidated for half the weapons and for the new generation tactical aircraft. Most new air launched weapon programs are joint with the Air Force and those with Air Force lead are based at Eglin Air Force Base. The Program Manager for the Joint Strike Fighter is based at Wright Patterson Air Force Base.

Experience with Field Location of Program Management. The Army and Air Force weapon acquisition executives and program managers are functioning well at Redstone Arsenal and Eglin Air Force Base, Air Force aircraft programs at Wright Patterson Air Force Base and the Navy C4ISS program management office has functioned well on the West Coast for years.

Possible Compromise

There are benefits in having acquisition management functions near to headquarters decision makers and managers of related platform developments just as there are benefits from placing the managers near to the technical performers.

There is a possible compromise that can realize the benefits of headquarters-platform propinquity without isolating program managers from their team. The Services group managers for specific programs are under the direction of Program Executives who are responsible to the Service Acquisition Executive in the Pentagon for effective management of system acquisition program across system areas.

The Navy's concerns might be met reasonable well by leaving the Program Executive Offices at Patuxent River for air programs and near the Naval Sea Systems Command headquarters for surface programs. Program management offices could then move to be with their team members at the Integrated Center in China Lake. It must be noted, however, that the other services manage very well with all of their teams in the field.

Recommendation

The BRAC Commission is respectfully requested to reject the recommendation to exempt moving Program Management Offices from Patuxent River to China Lake as the Technical Cross Service Working Group originally intended. Any Program Management Office for surface launched weapons residing under Naval Sea Systems Command purview should also move to China Lake.

TAB F

**MOVE SENSORS, ELECTRONIC
WARFARE (EW), and ELECTRONICS
FROM PT. MUGU TO CHINA LAKE**

**PART A – COMMENTS ON RECOM-
MENDATION**

**PART B – EXCERPTS FROM TJCSG
REPORT**

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**PART A – COMMENTS AND RECOMMENDATION ON RELOCATING
SENSORS, EW AND ELECTRONICS RDAT&E
FROM POINT MUGU TO CHINA LAKE**

TJCSG's Justification

“Consolidating the Sensors, EW, and Electronics RDAT&E functions at China Lake will eliminate redundant infrastructure between Point Mugu and China Lake and provide for the more efficient use of the remaining assets including the Electronic Combat Range and other integration laboratories at China Lake.”

We concur with this justification and find that a careful review of the military value and errors in the cost analysis strengthen the TJCSG's findings as detailed in this section.

TJCSG Significantly Overstated Costs for Move

In Scenario TECH-54 the COBRA report shows a payback of 12 years. The personnel efficiency used in the COBRA run was 5.7 percent instead of the standard 15 percent. **If this inconsistency is corrected, the payback time is reduced from an estimated 12 years to 5 years.**

Consolidation Supports Secretary of Defense's Transformation Goals

The Secretary of Defense entitled his November 15, 2002 guidance to the military Services and agencies that *Transformation Through Base Realignment and Closure*. He expected BRAC recommendations to support transformation.

Transformation Option 33 provided by the Undersecretary of Defense (AT&L) applies to the consolidation of functions. It states,

Option 33. Evaluate Service-Centric concentration, i.e. consolidate within each Service:

- *Within a Defense Technology Area Plan (DTAP) capability area*
- *Across multiple functions (Research, Development & Acquisition; Test & Evaluation)*
- *Across multiple DTAP capability areas. Source and Application: Technical*

Bringing the full electronic warfare RDAT&E capability presently split between China Lake and Point Mugu and more closely integrating the EW, weapon-aircraft integration and weapon RDAT&E teams at one site will enhance the capabilities of each and offer greater perspective of the total battle force system.

We believe that a key enabler of transformation is integration of each platform and warfighter into a tightly knit structure of joint units supporting joint battle force elements through communications, control and integration. Integration must be accomplished at

the weapons and platform, battle force and global surveillance, command and control level to achieve the goals of a tightly knit, joint battle force knowledgeable in real time of threat and friendly force distribution.

Electronic warfare (EW) sensors and electronic systems are not isolated from the aircraft platform or from the platform weapons suite or of surveillance and command and control support. The JTCSG was cognizant of the need for close integration of these capabilities. Consolidation of weapons and the EW-sensor suite facilitates a systems perspective that enables the integration potential of combat aircraft as elements of a force capability capable of transformation as envisioned by the Department of Defense.

Military Value

Electronic Warfare Overall Military Value.

Criterion 1 - The current and future mission capabilities and the impact of operational readiness of the Department of Defense's total force, including the impact on joint warfighter, training and readiness. The missions of China Lake and Point Mugu in the area of electronic warfare is RDATE, and therefore, directly supportive of operational readiness. They both maintain threat files, for example, which must be kept up to date and rapidly modified when intelligence indicates a new threat. Consolidation of the EW capabilities and integration of EW teams with the aircraft-weapon integration and weapon RDATE teams would facilitate the development of new systems and concepts. The developmental modes of the next generation fighter, attack and electronic warfare aircraft will be based at China Lake further increasing the need for on-site teamwork at China Lake.

Criterion 2 - The availability and condition of land, facilities, and associated airspace (including training areas suitable for maneuver by ground, naval, or air forces throughout a diversity of climate and terrain areas and staging areas for the use of the Armed Forces in homeland defense missions) at both existing and potential receiving locations. This criterion is particularly supportive of China Lake, which is the home of the Echo Range electronic warfare test and training site and next door to the Air Force electronic warfare site at Nellis Air Force Base. China Lake's extensive simulation and analysis facilities, Advanced Weapons Laboratory for the F/A-18 and future site for the EA-18 Growler work in direct support of the services in developing joint concepts and testing tactics in realistic scenarios.

Criterion 3 - The ability to accommodate contingency, mobilization, surge, and future total force requirements at both existing and potential receiving locations to Support operations and training. Consolidating the EW RDATE capabilities at China Lake facilitates contingency response and surge capability. The extensive facilities, consolidated work force and experience in rapid response situations in Iraq and earlier conflicts will yield a responsiveness that isn't possible at split locations.

Criterion 4 - The cost of operations and the manpower implications. The TJSCG calculated that the consolidation of EW and related systems at China Lake would lead to

annual recurring savings to the Department after implementation are \$6.7M. The TJCSG used a personnel efficiency savings factor of 5.7 percent, rather than the standard 15 percent, inflating costs for the move. Using the proper efficiency factor, payback would be achieved in 6 years rather than the TJCSG's calculated 12 years.

“Other” Criteria

Criterion 5 - The extent and timing of potential costs and savings, including the number of years, beginning with the date of completion of the closure or realignment, for the savings to exceed the costs. The TJCSG used a personnel efficiency factor of 5.7 percent instead of the standard personnel elimination factor of 15 percent in computing costs and overestimated the transition costs for the Warfare Response Center in computing cost of the consolidation. In spite of these significant errors, the estimated payback time was 12 years fully justifying the move in view of the military value implications of the move. Correction of the errors, thereby reducing payback time to 5 years, will reinforce the wisdom of the proposed consolidation.

Criterion 6 - The economic impact on existing communities in the vicinity of military installations. Contrary to the information in the TJCSG, China Lake is not in the Bakersfield Metropolitan Statistical Area. Whichever governmental department assigns communities to metropolitan or micropolitan statistical areas does so arbitrarily. In this case the Bakersfield Statistical Metropolitan Area covers all of Kern County, a huge county larger than any New England state with one urban center, Bakersfield, and rural communities scattered throughout the county. The Sierra Nevada Range and 110 miles of highway separate Ridgecrest-China Lake from Bakersfield.

Ridgecrest and its approximated 26,000 residents are economically dependent on China Lake. Approximately 80 percent of the jobs in Ridgecrest are directly or indirectly associated with the base. Since the community's fortunes rise and fall with those of China Lake, in influx of 2,500 new jobs along with the contractors and community service jobs that follow will be a great boon to an economy just beginning to recover from recession driven by defense downsizing.

Criterion 7 - The ability of both the existing and potential receiving communities' infrastructure to support forces, mission and personnel. Ventura County communities would contribute the personnel and jobs associated with the move. Although loss of jobs are never pleasant, the Ventura County cities are relatively large and prosperous. The total loss for EW and Weapons & Armaments represent a loss of 0.8 percent according to the TJCSG report. The economy can recover easily and the infrastructure will suffer negligible damage.

Ridgecrest and surrounding Indian Wells Valley, on the other hand, will see a significant surge on its support infrastructure with the arrival of the families of new base personnel, contractors and community services people.

The community leaders are not being taken by surprise. There has been an expectation of BRAC, with its consequent positive or negative effect on the community, since the end of BRAC 1995. A BRAC support organization was formed in 1995 at the end of the previous round, which has been working with the community now for almost 10 years.

Ridgecrest, which has incorporated China Lake residences, grew rapidly in spurts through the 1970s and 1980s. The defense downsizing of the 1990s with annual base drawdowns of about 4 percent impacted Ridgecrest deeply. Businesses closed, home values declined sharply and the town experienced a decade-long recession. Many China Lake employees chose to retire in Ridgecrest because of its small town atmosphere, low crime and low housing costs. The school system, in spite of loss of students, maintained a high quality of education as indicated by testing and awards to local public schools.

A plan is in place to meet the needs of incoming people during the 2007-2009 period. Land is available for housing, contractors and businesses; ground water is plentiful; wastewater treatment facilities are adequate for the expanded population and reserves have been set aside for significant expansion when needed. Considerable construction of streets and roads will be necessary, but there is adequate time and planning. The city and Kern County are working jointly to provide the amenities needed for new arrivals, whether they choose to settle in town or in the adjacent unincorporated area.

The City of Ridgecrest has prepared a document detailing its infrastructure situation and development plans, which accompanies this document.

Criterion 8 - The environmental impact, including the impact of costs related to potential environmental restoration, waste management, and environmental compliance activities. The Criterion 8 comments at TAB D for the creation of the Integrated Weapons and Armaments RDAT&E Center applies equally to the EW move. Those comments are reproduced here verbatim for the convenience of BRAC Commissioners and staff.

The TJCSG concluded that, "The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation."

We agree with the conclusions that there are no environmental impediments to implementation, but we take issue with a couple of statements that are in error or need contextual amplification.

First, a statement in the report on air quality is out of date and in error. China Lake and its host community are in compliance for ozone concentration.

China Lake is situated in the Mojave Desert in an area that is not impacted by air quality issues. In past years it was classified as part of the San Joaquin Valley Ozone Nonattainment Area although it is isolated from the California Central Valley by the Sierra Nevada Range. After petitions by the California Air Resources Board, Kern County and the public, the Environmental Protection Agency approved separating Eastern Kern County, where China Lake is located, from the San Joaquin Valley Ozone Nonattainment Area. Air quality ratings for China Lake are measured as part of the Kern Kern Air Quality Management District which encompasses Eastern Kern County in the

Mojave Desert. China Lake's area is now rated in attainment on the 24 hour ozone regulation.

There were statements about endangered and threatened species and cultural artifacts that were true but need to be considered in the context of the size of China Lake's range areas.

China Lake has enormous land holdings – over 1.1 million acres. Nearly all of the range areas are untouched by base operations - less than 10 percent is actually used for roads and range operating areas. Species and archeological are fully protected without appreciable impact on the availability of test sites, impact areas or roads and facilities.

Except in the area of air quality, which is out of date and incorrect, the community accepts the environmental impact assessments in the Technical Cross Service Working Group's report, with the understanding that the size of the land area is such that additional work associated with the scenario can be easily accommodated without adverse environmental impact. Of all of the bases affected China Lake has the least cause for environmental concerns.

PART B**EXCERPTS FROM TJCSG RECOMMENDATION TO RELOCATE SENSORS,
ELECTRONIC WARFARE AND ELECTRONICS FROM POINT MUGU TO
CHINA LAKE**

Volume 12, pp 50-51

Recommendation: Realign Naval Air Warfare Center, Weapons Division, Point Mugu, CA. Relocate the Sensors, Electronic Warfare (EW), and Electronics Research, Development, Acquisition, Test & Evaluation (RDAT&E) functions to Naval Air Warfare Center, Weapons Division, China Lake, CA.

Justification: Consolidating the Sensors, EW, and Electronics RDAT&E functions at China Lake will eliminate redundant infrastructure between Point Mugu and China Lake and provide for the more efficient use of the remaining assets including the Electronic Combat Range and other integration laboratories at China Lake.

Payback: The total estimated one-time cost to implement this recommendation is \$72.7M. The net of all costs and savings to the Department of Defense during the implementation period is a cost of \$50.9M. Annual recurring savings to the Department after implementation are \$6.7M with a payback expected in 12 years. The net present value of the costs and savings to the Department over 20 years is a savings to the Department of \$16.9M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 1075 jobs (479 direct jobs and 596 indirect jobs) over the 2006-2011 period in the Oxnard-Thousand Oaks-Ventura, CA, Metropolitan Statistical Area economic area, which is 0.26 percent of economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impact: An air conformity determination will be needed. Industrial waste management permits may need to be amended and additional water resources may be necessary at China Lake to accommodate new mission. This recommendation has no impact on cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; or wetlands. This recommendation will require spending approximately less than \$0.04M for waste management and environmental compliance activities. These costs were included in the payback calculation. This recommendation does not otherwise impact the costs of

environmental restoration, waste management, or environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation

TAB G

TECHNICAL JOINT CROSS SERVICE STEERING GROUP AND INFRA- STRUCTURE STEERING GROUP MINUTES

The Navy's objection to moving PEOs and PMAs to China Lake, the Technical Joint Cross Service Group's discussions and decision basis to accept the Navy's objection and the Infrastructure Executive Council's approval have no documentation except for brief statements in meeting minutes.

This limited documentation is reproduced at this tab. H.

April 26, 2005

BRAC FOUO

**BRAC 2005
 Technical Joint Cross-Service Group (TJCSG)
 Daily Conference Call
 Meeting Minutes of 26 April 2005**

Dr. Sega chaired the meeting. The agenda is enclosed in attachment 1. The list of attendees is enclosed in attachment 2. The primary objective for the meeting was to provide feedback from the 25 April 2005, IEC Meeting and to plan the finalization of the TJCSG Final Report. The agenda topics are listed below in the order in which they were covered. The key points, decisions and action items from the meeting are as follows:

IEC Meeting Feedback – Mr. Shaffer

Key Points:

- Army-223R (Closure of Ft. Monmouth) was approved. Army-227R (Closure of Natick) was returned for additional considerations. The TJCSG will need to present a stronger argument on the transformational value of 227R.
- The IEC decided to move DARPA and the other activities associated with TECH-0040R to Bethesda instead of Anacostia.
- TECH-0052R was not accepted.
- For TECH-0018DR, the Navy position is that Patuxent River Program Managers will not move to China Lake.
- There will be a reconsideration of all TJCSG CRs that have payback periods greater than 6 years.
- Mr. Shaffer indicated the TJCSG needs to look further at TECH-0018B because of cost.

Decisions:

- None

Other Information:

- The next version of the TJCSG Final Report will be posted at 1200 hrs EDT tomorrow, 27 April 2005.
- The TJCSG will meet again on Thursday, 28 April 2005, from 0900-1100 hrs EDT, in the Pentagon, Rm 3C638.

Action Items:

- None

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May 3, 2005

BRAC FOUO

**BRAC 2005
Technical Joint Cross-Service Group (TJCSG)
Teleconference
Meeting Minutes of 2 May 2005**

Mr. Shaffer chaired the meeting which was a teleconference call. The list of attendees is enclosed in attachment 1. The primary objective for the meeting was to provide a status update on Capacity, Mil Val and TJCSG Final Reports, and to discuss the status of TECH-0018DR. The key points, decisions and action items from the meeting are as follows:

TECH-0018DR

Key Points:

Mr. Shaffer discussed the following Navy requests for TECH-0018DR:

- Eliminate the relocation of the PEO/PMs from Naval Air Station Patuxent River (408 FTEs) to Naval Air Weapons Station China Lake from TECH-0018DR.
- Eliminate the relocation of the Pyrotechnics staff (116 FTEs) from Naval Support Activity Crane to Naval Air Weapons Station China Lake from TECH-0018DR.

Decisions:

The TJCSG Principals agreed to eliminate from TECH-0018DR the relocation of the PEO/PMs from Naval Air Station Patuxent River and the Pyrotechnics staff from Naval Support Activity Crane.

TECH-0042AR

Key Points:

- Navy has requested not to relocate the Naval Support Activity Crane personnel (approximately 50 FTEs) to NUWC Newport from TECH-0042AR.
- It is believed that a provisional COBRA run was done without the relocation action from Crane to Newport. An official COBRA run and Criteria 8 needs to be completed. Navy needs to provide information to Criteria 8 by COB tomorrow (May 3rd, 2005)
- TECH-0042AR needs to be revised and submitted to the Legal Office.

Decisions:

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Because of copy formatting problems, we were unable to reproduce the full page of the Infrastructure Executive Council meeting in which the PEO/PMA decision was endorsed. The following is an excerpt with the pertinent entry:

RDAT&E Integrated Center at China Lake (TECH 0018DR) – The Navy and Technical JCSG reached a compromise on this candidate recommendation that the IEC approved: Program Executive Offices and Program Managers will stay at Patuent [sic] River and the pyrotechnic experts will remain at Crane. The Technical JCSG will revise this recommendation with the Navy input.

TAB H

COBRA REPORT

TECH 0018D

REALIGNMENT SUMMARY REPORT

H

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2008
 Payback Year : 2015 (7 Years)

NPV in 2025(\$K): -433,404
 1-Time Cost(\$K): 358,142

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	17,289	192,102	0	0	0	0	209,391	0
Person	0	0	-12,607	-39,085	-39,085	-39,085	-129,861	-39,085
Overhd	2,137	4,114	-3,683	-20,636	-20,636	-20,636	-59,340	-20,636
Moving	0	0	88,094	0	0	0	88,094	0
Missio	0	0	400	0	0	0	400	0
Other	0	0	39,889	29	29	29	39,976	29
TOTAL	19,426	196,216	112,093	-59,692	-59,692	-59,692	148,660	-59,692

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	9	0	0	0	9
Enl	0	0	24	0	0	0	24
Civ	0	0	360	0	0	0	360
TOT	0	0	393	0	0	0	393

POSITIONS REALIGNED							
Off	0	0	52	0	0	0	52
Enl	0	0	135	0	0	0	135
Stu	0	0	0	0	0	0	0
Civ	0	0	2,043	0	0	0	2,043
TOT	0	0	2,230	0	0	0	2,230

Summary:

[NOTE: For complete detailed footnotes, refer to F - TECH-0018DR COBRA Realignment Report 05032005.doc]

Realign W&A RDAT&E (except gun/ammo and energetic materials) at NAVSURFWARCEN Crane and relocate to China Lake. Realign W&A RDAT&E (except gun/ammo, underwater weapons and energetic materials) at NAVSURFWARCEN Indian Head and relocate to China Lake. Realign W&A RDAT&E at Point Mugu and relocate to China Lake. Realign W&A RDAT&E (except underwater weapons and energetic materials) at Seal Beach and relocate to China Lake. Realign W&A RDAT&E at COMNAVAIRWARCENACDIV PAX and relocate to China Lake. Realign W&A RDAT&E at NAVSURFWARCEN Yorktown and relocate to NAVSURFWARCEN Indian Head. Realign W&A RDAT&E (except weapon system integration) at Port Hueneme and relocate to China Lake. Realign W&A RDAT&E (except guns/ammo and weapon systems integration) at NAVSURFWARCENDIV_DAHLGREN_VA and relocate to China Lake. Realign W&A RDAT&E at Port Hueneme (SD) and relocate to NAVSURFWARCEN Dahlgren.

Overestimated savings because of overestimate of Payroll Sustainment Costs at Crane.

Source Data

- 1.TECH-0018 Part4 Response from DON, 7 Feb 2005.xls
- 2 Criteria 8 Submit from Navy BRAC Office
- 3 MilCon for China Lake (01/27/05) from Navy BRAC Office
- 4 Reductions of Personnel movements from Pax River per IEC Direction 25 Apr 2005
- 5 Reductions of personnel movements from Crande per IEC Direction 2 May 2005

Data Standards

A. Start Dates

- 1) For moves requiring no renovation or new office space - 2006
- 2) For moves requiring Office Space - move in 2008
- 3) For moves requiring Lab Space - move in 2009

B. MILCON

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- 1) For purposes of COBRA, assume 160 Gross Square Feet (DOD Standard) for Office Space (FAC 6100)
- 2) For S&T organizations requiring MILCON, absent a detailed breakout of equipment and facilities, use 150 Gross Square feet per person (this from the NAVFAC guide for Laboratories).
- 3) For SCIFS the FAC code is 1404. For purposes of housing people is SCIFS (when they are reported as separate and additional facilities), We want to assume 1 person per 1000 square feet will use that space as an office. That person should be removed from the other portion of the building.
- 4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel: $160 * \text{reassigned personnel} + 150 * \text{research FTEs being reassigned}$. If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square feet, the phrase insufficient milcon is displayed in the comments. Similarly, if the space being constructed, renovated or available at the receiving base exceeds the needed space, the phrase excessive milcon is displayed in the comments.

C. Addition Network/IT Costs

- 1) COBRA allows \$1200 per person for a single network. Use \$1200 person for an addition networks (S,TS).

D. Additional savings

- 1) If leased space has not had an AT/FP upgrade, HAS is assuming a one-time savings of \$28.28 per gross square foot in NCR. This means that if we move out of a leased space in the DC area that has not been upgraded we can take that as a savings.

E. Personnel Reductions

- 1) Subgroups can apply a 15% reduction against all government personnel moved.
- 2) There are three types of organizations at the receiving site:
Consolidated
Joint
Co-Located
- 3) Subgroups can use their best judgment on the personnel reductions possible in all three, but it would seem that Consolidated has the best opportunities for reductions in P&T, with Joint slightly less and Co-Located the least potential for reduction.

F. Contractor Reductions

- 1) Subgroups can apply a 15% reduction against all contractor personnel.
- 2) Show a \$200K Misc. Recurring Savings for each contractor eliminated.

G. Decontamination Costs

- 1) No decon costs allowed if the affected base is not closed.

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China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	17,289	192,102	0	0	0	0	209,391	0
Person	0	0	12,872	690	690	690	14,942	690
Overhd	2,137	4,114	8,916	8,874	8,874	8,874	41,790	8,874
Moving	0	0	88,527	0	0	0	88,527	0
Missio	0	0	400	0	0	0	400	0
Other	0	0	41,990	29	29	29	42,077	29
TOTAL	19,426	196,216	152,706	9,593	9,593	9,593	397,127	9,593

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	0	0	0	0	0	0	0	0
Person	0	0	25,479	39,775	39,775	39,775	144,803	39,775
Overhd	0	0	12,599	29,510	29,510	29,510	101,130	29,510
Moving	0	0	433	0	0	0	433	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	2,101	0	0	0	2,101	0
TOTAL	0	0	40,612	69,285	69,285	69,285	248,467	69,285

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TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/10
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China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	209,390,837	
Total - Construction		209,390,837
Personnel		
Civilian RIF	8,857,570	
Civilian Early Retirement	2,488,733	
Eliminated Military PCS	190,263	
Unemployment	645,395	
Total - Personnel		12,181,960
Overhead		
Program Management Cost	4,941,221	
Support Contract Termination	0	
Mothball / Shutdown	739,800	
Total - Overhead		5,681,021
Moving		
Civilian Moving	69,171,883	
Civilian PPP	2,626,704	
Military Moving	427,081	
Freight	2,081,552	
Information Technologies	369,200	
One-Time Moving Costs	13,850,810	
Total - Moving		88,527,230
Other		
HAP / RSE	10,184,460	
Environmental Mitigation Costs	1,555,800	
Mission Contract Startup and Termination	400,000	
One-Time Unique Costs	30,221,090	
Total - Other		42,361,350
Total One-Time Costs		358,142,398
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	433,565	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	2,101,000	
Total One-Time Savings		2,534,565
Total Net One-Time Costs		355,607,833

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/10
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China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVSUPPACT CRANE, IN (N61018)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	803,575	
Civilian Early Retirement	227,791	
Eliminated Military PCS	0	
Unemployment	62,314	
Total - Personnel		1,093,680
Overhead		
Program Management Cost	415,120	
Support Contract Termination	0	
Mothball / Shutdown	67,680	
Total - Overhead		482,800
Moving		
Civilian Moving	5,442,314	
Civilian PPP	248,472	
Military Moving	0	
Freight	243,747	
Information Technologies	31,000	
One-Time Moving Costs	63,000	
Total - Moving		6,028,533
Other		
HAP / RSE	441,293	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	994,860	
Total - Other		1,436,153
Total One-Time Costs		9,041,168
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0

One-Time Unique Savings	0
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Total One-Time Savings	0
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Total Net One-Time Costs	9,041,168

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Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE POINT LOMA, CA (N63406)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	120,241	
Civilian Early Retirement	50,230	
Eliminated Military PCS	0	
Unemployment	8,902	
Total - Personnel		179,374
Overhead		
Program Management Cost	30,826	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		30,826
Moving		
Civilian Moving	1,926,664	
Civilian PPP	70,992	
Military Moving	0	
Freight	74,101	
Information Technologies	6,400	
One-Time Moving Costs	0	
Total - Moving		2,078,157
Other		
HAP / RSE	0	
Environmental Mitigation Costs		0
Mission Contract Startup and Termination		0
One-Time Unique Costs	0	
Total - Other		0
Total One-Time Costs		2,288,358
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
Total One-Time Savings		0
Total Net One-Time Costs		2,288,358

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China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWCD IN HD, MD (NIF006)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,900,000	
Total - Construction		3,900,000
Personnel		
Civilian RIF	355,973	
Civilian Early Retirement	86,746	
Eliminated Military PCS	0	
Unemployment	26,706	
Total - Personnel		469,424
Overhead		
Program Management Cost	271,479	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		271,479
Moving		
Civilian Moving	3,426,078	
Civilian PPP	106,488	
Military Moving	0	
Freight	49,146	
Information Technologies	13,200	
One-Time Moving Costs	7,450	
Total - Moving		3,602,362
Other		
HAP / RSE	0	
Environmental Mitigation Costs	205,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	45,000	
Total - Other		250,000
Total One-Time Costs		8,493,266
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
Total One-Time Savings		0
Total Net One-Time Costs		8,493,266

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Base: NAS PAX RIVER, MD (N0428A)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	415,301	
Civilian Early Retirement	111,530	
Eliminated Military PCS	0	
Unemployment	31,157	
Total - Personnel		557,988
Overhead		
Program Management Cost	240,969	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		240,969
Moving		
Civilian Moving	3,465,060	
Civilian PPP	106,488	
Military Moving	0	
Freight	55,233	
Information Technologies	15,200	
One-Time Moving Costs	0	
Total - Moving		3,641,981
Other		
HAP / RSE	408,336	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		408,336
<hr/>		
Total One-Time Costs		4,849,275
<hr/>		
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
<hr/>		
Total One-Time Savings		0
<hr/>		
Total Net One-Time Costs		4,849,275

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Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	6,275,533	
Civilian Early Retirement	1,765,031	
Eliminated Military PCS	190,263	
Unemployment	449,551	
Total - Personnel		8,680,379
Overhead		
Program Management Cost	3,493,930	
Support Contract Termination	0	
Mothball / Shutdown	656,820	
Total - Overhead		4,150,750
Moving		
Civilian Moving	47,505,572	
Civilian PPP	1,810,296	
Military Moving	427,081	
Freight	922,720	
Information Technologies	269,200	
One-Time Moving Costs	11,626,900	
Total - Moving		62,561,769
Other		
HAP / RSE	9,334,830	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	9,920,300	
Total - Other		19,255,130
Total One-Time Costs		94,648,028
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	433,565	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
Total One-Time Savings		433,565
Total Net One-Time Costs		94,214,463

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 7/10
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Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVWPNSTA SEAL BEACH, CA (N60701)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	62,134	
Civilian Early Retirement	25,956	
Eliminated Military PCS	0	
Unemployment	4,451	
Total - Personnel		92,541
Overhead		
Program Management Cost	246,174	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		246,174
Moving		
Civilian Moving	790,445	
Civilian PPP	35,496	
Military Moving	0	
Freight	27,284	
Information Technologies	3,400	
One-Time Moving Costs	1,371,000	
Total - Moving		2,227,626
Other		
HAP / RSE	0	
Environmental Mitigation Costs		0
Mission Contract Startup and Termination		0
One-Time Unique Costs	225,700	
Total - Other		225,700
Total One-Time Costs		2,792,042
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
Total One-Time Savings		0
Total Net One-Time Costs		2,792,042

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 8/10
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: WPNSTA YORKTOWN, VA (N69212)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	172,195	
Civilian Early Retirement	47,956	
Eliminated Military PCS	0	
Unemployment	13,353	
Total - Personnel		233,504
Overhead		
Program Management Cost	107,808	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		107,808
Moving		
Civilian Moving	1,047,061	
Civilian PPP	70,992	
Military Moving	0	
Freight	45,888	
Information Technologies	6,600	
One-Time Moving Costs	497,830	
Total - Moving		1,668,371
Other		
HAP / RSE	0	
Environmental Mitigation Costs	661,500	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	512,730	
Total - Other		1,174,230
Total One-Time Costs		3,183,913
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
Total One-Time Savings		0
Total Net One-Time Costs		3,183,913

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 9/10
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWC DAHLGREN, VA (NIF007)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	4,689,500	
Total - Construction		4,689,500
Personnel		
Civilian RIF	652,616	
Civilian Early Retirement	173,491	
Eliminated Military PCS	0	
Unemployment	48,961	
Total - Personnel		875,069
Overhead		
Program Management Cost	134,914	
Support Contract Termination	0	
Mothball / Shutdown	15,300	
Total - Overhead		150,214
Moving		
Civilian Moving	5,568,688	
Civilian PPP	177,480	
Military Moving	0	
Freight	663,431	
Information Technologies	24,200	
One-Time Moving Costs	284,630	
Total - Moving		6,718,429
Other		
HAP / RSE	0	
Environmental Mitigation Costs	305,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	14,772,500	
Total - Other		15,077,500
Total One-Time Costs		27,510,712
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
Total One-Time Savings		0
Total Net One-Time Costs		27,510,712

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 10/10
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Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)
(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	200,801,337	
Total - Construction		200,801,337
Personnel		
Civilian RIF	0	
Civilian Early Retirement		0
Eliminated Military PCS		0
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost		0
Support Contract Termination		0
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies		0
One-Time Moving Costs		0
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	384,300	
Mission Contract Startup and Termination	400,000	
One-Time Unique Costs	3,750,000	
Total - Other	4,534,300	
Total One-Time Costs		205,335,637
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings	2,101,000	
Total One-Time Savings		2,101,000
Total Net One-Time Costs		203,234,637

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COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
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Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
2,755	14,393	3,269	32,868

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	-11	-10	-11	-6	0	23	-15
Enlisted	-265	-16	-36	4	0	50	-263
Students	-470	-8	-10	0	0	0	-488
Civilians	-89	7	11	17	5	3	-46
TOTAL	-835	-27	-46	15	5	76	-812

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
2,740	14,130	2,781	32,822

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	52	0	0	0	52
Enlisted	0	0	135	0	0	0	135
Students	0	0	0	0	0	0	0
Civilians	0	0	2,043	0	0	0	2,043
TOTAL	0	0	2,230	0	0	0	2,230

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-9	0	0	0	-9
Enlisted	0	0	-24	0	0	0	-24
Civilians	0	0	-360	0	0	0	-360
TOTAL	0	0	-393	0	0	0	-393

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
2,731	14,106	2,781	32,462

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 2
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Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
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PERSONNEL SUMMARY FOR: NAVSUPPACT CRANE, IN (N61018)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: NAVSUPPACT CRANE, IN (N61018)

Officers	Enlisted	Students	Civilians
14	41	0	3,859

PERSONNEL REALIGNMENTS:

To Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	193	0	0	0	193
TOTAL	0	0	193	0	0	0	193

TOTAL PERSONNEL REALIGNMENTS (Out of NAVSUPPACT CRANE, IN (N61018)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	193	0	0	0	193
TOTAL	0	0	193	0	0	0	193

SCENARIO POSITION CHANGES FOR: NAVSUPPACT CRANE, IN (N61018)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-34	0	0	0	-34
TOTAL	0	0	-34	0	0	0	-34

BASE POPULATION (After BRAC Action) FOR: NAVSUPPACT CRANE, IN (N61018)

Officers	Enlisted	Students	Civilians
14	41	0	3,632

PERSONNEL SUMMARY FOR: NAVBASE POINT LOMA, CA (N63406)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
873	3,757	2,131	5,341

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAVBASE POINT LOMA, CA (N63406)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0

Enlisted	0	0	0	0	0	0	0
Students	-356	-8	-10	0	0	0	-374
Civilians	0	0	0	0	0	0	0
TOTAL	-356	-8	-10	0	0	0	-374

BASE POPULATION (Prior to BRAC Action) FOR: NAVBASE POINT LOMA, CA (N63406)

Officers	Enlisted	Students	Civilians
873	3,757	1,757	5,341

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3
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 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

PERSONNEL REALIGNMENTS:

To Base: IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	40	0	0	0	40
TOTAL	0	0	40	0	0	0	40

TOTAL PERSONNEL REALIGNMENTS (Out of NAVBASE POINT LOMA, CA (N63406)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	40	0	0	0	40
TOTAL	0	0	40	0	0	0	40

SCENARIO POSITION CHANGES FOR: NAVBASE POINT LOMA, CA (N63406)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-7	0	0	0	-7
TOTAL	0	0	-7	0	0	0	-7

BASE POPULATION (After BRAC Action) FOR: NAVBASE POINT LOMA, CA (N63406)

Officers	Enlisted	Students	Civilians
873	3,757	1,757	5,294

PERSONNEL SUMMARY FOR: IF NSWCD IN HD, MD (NIF006)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
69	567	112	2,046

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011	Total
Officers	-1	0	0	0	0	0	-1
Enlisted	-5	0	0	0	0	0	-5
Students	-112	0	0	0	0	0	-112

Civilians	-78	0	0	0	0	0	-78
TOTAL	-196	0	0	0	0	0	-196

BASE POPULATION (Prior to BRAC Action) FOR: IF NSWCD IN HD, MD (NIF006)

Officers	Enlisted	Students	Civilians
68	562	0	1,968

PERSONNEL REALIGNMENTS:

To Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	80	0	0	0	80
TOTAL	0	0	80	0	0	0	80

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 4

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 Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

From Base: WPNSTA YORKTOWN, VA (N69212)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	42	0	0	0	42
TOTAL	0	0	42	0	0	0	42

TOTAL PERSONNEL REALIGNMENTS (Out of IF NSWCD IN HD, MD (NIF006)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	80	0	0	0	80
TOTAL	0	0	80	0	0	0	80

TOTAL PERSONNEL REALIGNMENTS (Into IF NSWCD IN HD, MD (NIF006)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	42	0	0	0	42
TOTAL	0	0	42	0	0	0	42

SCENARIO POSITION CHANGES FOR: IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-14	0	0	0	-14
TOTAL	0	0	-14	0	0	0	-14

BASE POPULATION (After BRAC Action) FOR: IF NSWCD IN HD, MD (NIF006)

Officers	Enlisted	Students	Civilians
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68	562	0	1,916
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PERSONNEL SUMMARY FOR: NAS PAX RIVER, MD (N0428A)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
885	2,146	101	7,039

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAS PAX RIVER, MD (N0428A)

	2006	2007	2008	2009	2010	2011	Total
Officers	-1	-8	-4	-4	0	0	-17
Enlisted	-6	-14	-31	2	0	0	-49
Students	0	0	0	0	0	0	0
Civilians	2	1	2	2	2	2	11
TOTAL	-5	-21	-33	0	2	2	-55

BASE POPULATION (Prior to BRAC Action) FOR: NAS PAX RIVER, MD (N0428A)

Officers	Enlisted	Students	Civilians
868	2,097	101	7,050

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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

PERSONNEL REALIGNMENTS:

To Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	94	0	0	0	94
TOTAL	0	0	94	0	0	0	94

TOTAL PERSONNEL REALIGNMENTS (Out of NAS PAX RIVER, MD (N0428A)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	94	0	0	0	94
TOTAL	0	0	94	0	0	0	94

SCENARIO POSITION CHANGES FOR: NAS PAX RIVER, MD (N0428A)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-16	0	0	0	-16
TOTAL	0	0	-16	0	0	0	-16

BASE POPULATION (After BRAC Action) FOR: NAS PAX RIVER, MD (N0428A)

Officers	Enlisted	Students	Civilians
868	2,097	101	6,940

PERSONNEL SUMMARY FOR: NAVBASE VENTURA CTY, CA (N69232)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
495	5,130	343	5,873

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-7	1	0	23	17
Enlisted	0	-2	-4	2	0	50	46
Students	-2	0	0	0	0	0	-2
Civilians	-27	-7	-5	0	0	1	-38
TOTAL	-29	-9	-16	3	0	74	23

BASE POPULATION (Prior to BRAC Action) FOR: NAVBASE VENTURA CTY, CA (N69232)

Officers	Enlisted	Students	Civilians
512	5,176	341	5,835

PERSONNEL REALIGNMENTS:

To Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	52	0	0	0	52
Enlisted	0	0	135	0	0	0	135
Students	0	0	0	0	0	0	0
Civilians	0	0	1,427	0	0	0	1,427
TOTAL	0	0	1,614	0	0	0	1,614

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 6
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Option Pkg Name: Relocate W&A RDATA&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

TOTAL PERSONNEL REALIGNMENTS (Out of NAVBASE VENTURA CTY, CA (N69232)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	52	0	0	0	52
Enlisted	0	0	135	0	0	0	135
Students	0	0	0	0	0	0	0
Civilians	0	0	1,427	0	0	0	1,427
TOTAL	0	0	1,614	0	0	0	1,614

SCENARIO POSITION CHANGES FOR: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-9	0	0	0	-9
Enlisted	0	0	-24	0	0	0	-24
Civilians	0	0	-252	0	0	0	-252
TOTAL	0	0	-285	0	0	0	-285

BASE POPULATION (After BRAC Action) FOR: NAVBASE VENTURA CTY, CA (N69232)

Officers	Enlisted	Students	Civilians
451	5,017	341	4,156

PERSONNEL SUMMARY FOR: NAVWPNSTA SEAL BEACH, CA (N60701)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: NAVWPNSTA SEAL BEACH, CA (N60701)

Officers	Enlisted	Students	Civilians
35	189	0	436

PERSONNEL REALIGNMENTS:

To Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	20	0	0	0	20
TOTAL	0	0	20	0	0	0	20

TOTAL PERSONNEL REALIGNMENTS (Out of NAVWPNSTA SEAL BEACH, CA (N60701)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0

Students	0	0	0	0	0	0	0
Civilians	0	0	20	0	0	0	20
TOTAL	0	0	20	0	0	0	20

SCENARIO POSITION CHANGES FOR: NAVWPNSTA SEAL BEACH, CA (N60701)
 2006 2007 2008 2009 2010 2011 Total

Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-4	0	0	0	-4
TOTAL	0	0	-4	0	0	0	-4

BASE POPULATION (After BRAC Action) FOR: NAVWPNSTA SEAL BEACH, CA (N60701)

Officers	Enlisted	Students	Civilians
35	189	0	412

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 7
 Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: WPNSTA YORKTOWN, VA (N69212)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
85	1,383	192	765

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: WPNSTA YORKTOWN, VA (N69212)

	2006	2007	2008	2009	2010	2011	Total
Officers	-12	0	0	0	0	0	-12
Enlisted	-254	0	0	0	0	0	-254
Students	0	0	0	0	0	0	0
Civilians	3	1	2	3	3	0	12
TOTAL	-263	1	2	3	3	0	-254

BASE POPULATION (Prior to BRAC Action) FOR: WPNSTA YORKTOWN, VA (N69212)

Officers	Enlisted	Students	Civilians
73	1,129	192	777

PERSONNEL REALIGNMENTS:

To Base: IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	42	0	0	0	42
TOTAL	0	0	42	0	0	0	42

TOTAL PERSONNEL REALIGNMENTS (Out of WPNSTA YORKTOWN, VA (N69212)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	42	0	0	0	42
TOTAL	0	0	42	0	0	0	42

SCENARIO POSITION CHANGES FOR: WPNSTA YORKTOWN, VA (N69212)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-7	0	0	0	-7
TOTAL	0	0	-7	0	0	0	-7

BASE POPULATION (After BRAC Action) FOR: WPNSTA YORKTOWN, VA (N69212)

Officers	Enlisted	Students	Civilians
73	1,129	192	728

PERSONNEL SUMMARY FOR: IF NSWC DAHLGREN, VA (NIF007)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
153	346	240	4,008

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011	Total
Officers	3	-2	0	-3	0	0	-2
Enlisted	0	0	-1	0	0	0	-1
Students	0	0	0	0	0	0	0

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Civilians	11	12	12	12	0	0	47
TOTAL	14	10	11	9	0	0	44

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 8
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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

BASE POPULATION (Prior to BRAC Action) FOR: IF NSWC DAHLGREN, VA (NIF007)

Officers	Enlisted	Students	Civilians
151	345	240	4,055

PERSONNEL REALIGNMENTS:

To Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	147	0	0	0	147
TOTAL	0	0	147	0	0	0	147

From Base: NAVBASE POINT LOMA, CA (N63406)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	40	0	0	0	40
TOTAL	0	0	40	0	0	0	40

TOTAL PERSONNEL REALIGNMENTS (Out of IF NSWC DAHLGREN, VA (NIF007)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	147	0	0	0	147
TOTAL	0	0	147	0	0	0	147

TOTAL PERSONNEL REALIGNMENTS (Into IF NSWC DAHLGREN, VA (NIF007)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	40	0	0	0	40
TOTAL	0	0	40	0	0	0	40

SCENARIO POSITION CHANGES FOR: IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	-26	0	0	0	-26
TOTAL	0	0	-26	0	0	0	-26

BASE POPULATION (After BRAC Action) FOR: IF NSWC DAHLGREN, VA (NIF007)

Officers	Enlisted	Students	Civilians
151	345	240	3,922

PERSONNEL SUMMARY FOR: NAVAIRWPNSTA CHNA LK, CA (N47609)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: NAVAIRWPNSTA CHNA LK, CA (N47609)

Officers	Enlisted	Students	Civilians
146	834	150	3,501

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 9
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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

PERSONNEL REALIGNMENTS:

From Base: NAVSUPPACT CRANE, IN (N61018)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	193	0	0	0	193
TOTAL	0	0	193	0	0	0	193

From Base: IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	80	0	0	0	80
TOTAL	0	0	80	0	0	0	80

From Base: NAS PAX RIVER, MD (N0428A)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	94	0	0	0	94
TOTAL	0	0	94	0	0	0	94

From Base: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	52	0	0	0	52
Enlisted	0	0	135	0	0	0	135
Students	0	0	0	0	0	0	0
Civilians	0	0	1,427	0	0	0	1,427
TOTAL	0	0	1,614	0	0	0	1,614

From Base: NAVWPNSTA SEAL BEACH, CA (N60701)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	20	0	0	0	20
TOTAL	0	0	20	0	0	0	20

From Base: IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	147	0	0	0	147
TOTAL	0	0	147	0	0	0	147

TOTAL PERSONNEL REALIGNMENTS (Into NAVAIRWPNSTA CHNA LK, CA (N47609)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	52	0	0	0	52
Enlisted	0	0	135	0	0	0	135
Students	0	0	0	0	0	0	0
Civilians	0	0	1,961	0	0	0	1,961
TOTAL	0	0	2,148	0	0	0	2,148

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 10

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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

BASE POPULATION (After BRAC Action) FOR: NAVAIRWPNSTA CHNA LK, CA (N47609)

Officers	Enlisted	Students	Civilians
198	969	150	5,462

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COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

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Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

NAVSUPPACT CRANE, IN (N61018)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	227	0	0	0	227
NET CHANGE-Civ	0	0	-227	0	0	0	-227
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

NAVBASE POINT LOMA, CA (N63406)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	47	0	0	0	47
NET CHANGE-Civ	0	0	-47	0	0	0	-47
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	42	0	0	0	42
Jobs Lost-Civ	0	0	94	0	0	0	94
NET CHANGE-Civ	0	0	-52	0	0	0	-52
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

NAS PAX RIVER, MD (N0428A)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	110	0	0	0	110
NET CHANGE-Civ	0	0	-110	0	0	0	-110
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

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COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10) - Page 2
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Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	220	0	0	0	220
NET CHANGE-Mil	0	0	-220	0	0	0	-220
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	1,679	0	0	0	1,679
NET CHANGE-Civ	0	0	-1,679	0	0	0	-1,679
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

NAVWPNSTA SEAL BEACH, CA (N60701)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	24	0	0	0	24
NET CHANGE-Civ	0	0	-24	0	0	0	-24
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

WPNSTA YORKTOWN, VA (N69212)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	49	0	0	0	49
NET CHANGE-Civ	0	0	-49	0	0	0	-49
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	40	0	0	0	40
Jobs Lost-Civ	0	0	173	0	0	0	173
NET CHANGE-Civ	0	0	-133	0	0	0	-133
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

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COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10) - Page 3
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Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	187	0	0	0	187
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	187	0	0	0	187
Jobs Gained-Civ	0	0	1,961	0	0	0	1,961
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	1,961	0	0	0	1,961
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

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SCENARIO ERROR REPORT (COBRA v6.10)

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Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:

"Technical JCSG" is not a recognized Department.

NAVSUPPACT CRANE's Sustainment Non-Payroll (Total Sust-Sust Pay) is -4,977\$K

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COBRA INPUT DATA REPORT (COBRA v6.10)

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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name, ST (Code)	Strategy:
NAVSUPPACT CRANE, IN (N61018)	Realignment
NAVBASE POINT LOMA, CA (N63406)	Realignment
IF NSWCD IN HD, MD (NIF006)	Realignment
NAS PAX RIVER, MD (N0428A)	Realignment
NAVBASE VENTURA CTY, CA (N69232)	Realignment
NAVWPNSTA SEAL BEACH, CA (N60701)	Realignment
WPNSTA YORKTOWN, VA (N69212)	Realignment
IF NSWC DAHLGREN, VA (NIF007)	Realignment
NAVAIRWPNSTA CHNA LK, CA (N47609)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE

(Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
NAVSUPPACT CRANE, IN (N61018)	NAVAIRWPNSTA CHNA LK, CA (N47609)	1,986 mi
NAVBASE POINT LOMA, CA (N63406)	IF NSWC DAHLGREN, VA (NIF007)	2,607 mi
IF NSWCD IN HD, MD (NIF006)	WPNSTA YORKTOWN, VA (N69212)	134 mi
IF NSWCD IN HD, MD (NIF006)	NAVAIRWPNSTA CHNA LK, CA (N47609)	2,618 mi
NAS PAX RIVER, MD (N0428A)	NAVAIRWPNSTA CHNA LK, CA (N47609)	2,641 mi
NAVBASE VENTURA CTY, CA (N69232)	NAVAIRWPNSTA CHNA LK, CA (N47609)	182 mi
NAVWPNSTA SEAL BEACH, CA (N60701)	NAVAIRWPNSTA CHNA LK, CA (N47609)	168 mi
IF NSWC DAHLGREN, VA (NIF007)	NAVAIRWPNSTA CHNA LK, CA (N47609)	2,593 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAVSUPPACT CRANE, IN (N61018) to NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	193	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	155	0	0	0
Suppt Eqpt (tons):	0	0	23	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

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Department : Technical JCSG
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Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAVBASE POINT LOMA, CA (N63406) to IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	40	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	22	0	0	0
Suppt Eqpt (tons):	0	0	1	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from WPNSTA YORKTOWN, VA (N69212) to IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	42	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	140	0	0	0
Suppt Eqpt (tons):	0	0	2	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from IF NSWCD IN HD, MD (NIF006) to NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	80	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	1	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NAS PAX RIVER, MD (N0428A) to NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	94	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

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Department : Technical JCSG
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Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAVBASE VENTURA CTY, CA (N69232) to NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	52	0	0	0
Enlisted Positions:	0	0	135	0	0	0
Civilian Positions:	0	0	1,427	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	1,251	0	0	0
Suppt Eqpt (tons):	0	0	23	0	0	0
Military Light Vehicles:	0	0	15	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from NAVWPNSTA SEAL BEACH, CA (N60701) to NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	20	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	84	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from IF NSWC DAHLGREN, VA (NIF007) to NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	0	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	0	147	0	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	464	0	0	0
Suppt Eqpt (tons):	0	0	96	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	2	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVSUPPACT CRANE, IN (N61018)

Total Officer Employees:	14	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	41	Total Sustainment(\$K/Year):	1,562
Total Student Employees:	0	Sustain Payroll (\$K/Year):	6,539
Total Civilian Employees:	3,859	BOS Non-Payroll (\$K/Year):	14,741
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	16,211
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,230,248
Starting Facilities(KSF):	3,678	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,002	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	751		

Civ Locality Pay Factor:	1.109	TRICARE	In-Pat	Out-Pat	
Area Cost Factor:	1.05	Admits	Visits	Prescrip	
Per Diem Rate (\$/Day):	86	CostFactor	0.00	0.00	0.00
Freight Cost (\$/Ton/Mile):	0.35	Actv MTF	0	0	0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0	0	
Latitude:	38.849600	Retiree	0	0	0
Longitude:	-86.865500	Retiree65+	0	0	0

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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVBASE POINT LOMA, CA (N63406)

Total Officer Employees:	873	Base Service (for BOS/Sust):	Navy		
Total Enlisted Employees:	3,757	Total Sustainment(\$K/Year):	32,605		
Total Student Employees:	2,131	Sustain Payroll (\$K/Year):	3,361		
Total Civilian Employees:	5,341	BOS Non-Payroll (\$K/Year):	23,495		
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	10,829		
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0		
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,885,705		
Starting Facilities(KSF):	6,284	Svc/Agcy Recap Rate (Years):	114		
Officer BAH (\$/Month):	1,882	Homeowner Assistance Program:	No		
Enlisted BAH (\$/Month):	1,416				
Civ Locality Pay Factor:	1.162	TRICARE	In-Pat	Out-Pat	
Area Cost Factor:	1.17	Admits	Visits	Prescrip	
Per Diem Rate (\$/Day):	161	CostFactor	9,980.00	110.00	27.01
Freight Cost (\$/Ton/Mile):	0.46	Actv MTF	0	67,325	36,984
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	15	2,822	
Latitude:	32.727250	Retiree	0	15,816	14,259
Longitude:	-117.226830	Retiree65+	0	11,410	19,951

Name: IF NSWCD IN HD, MD (NIF006)

Total Officer Employees:	69	Base Service (for BOS/Sust):	Navy		
Total Enlisted Employees:	567	Total Sustainment(\$K/Year):	14,247		
Total Student Employees:	112	Sustain Payroll (\$K/Year):	9,144		
Total Civilian Employees:	2,046	BOS Non-Payroll (\$K/Year):	18,445		
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	16,449		
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0		
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	977,845		
Starting Facilities(KSF):	3,454	Svc/Agcy Recap Rate (Years):	114		
Officer BAH (\$/Month):	1,695	Homeowner Assistance Program:	No		
Enlisted BAH (\$/Month):	1,103				
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat	Out-Pat	
Area Cost Factor:	0.97	Admits	Visits	Prescrip	
Per Diem Rate (\$/Day):	99	CostFactor	7,030.00	96.00	34.33
Freight Cost (\$/Ton/Mile):	0.28	Actv MTF	0	4,138	7,071
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	71	3,931	
Latitude:	38.588860	Retiree	0	3,885	6,862
Longitude:	-77.148360	Retiree65+	0	585	4,190

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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
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 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAS PAX RIVER, MD (N0428A)

Total Officer Employees:	885	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	2,146	Total Sustainment(\$K/Year):	31,293
Total Student Employees:	101	Sustain Payroll (\$K/Year):	5,201
Total Civilian Employees:	7,039	BOS Non-Payroll (\$K/Year):	53,532
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	42,818
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	2,470,315
Starting Facilities(KSF):	8,209	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,528	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	1,118		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.08	Admits	Visits Prescrip
Per Diem Rate (\$/Day):	114	CostFactor	5,584.00 120.00 9.75
Freight Cost (\$/Ton/Mile):	0.45	Actv MTF	0 48,534 52,653
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	582 25,680
Latitude:	38.279090	Retiree	0 18,783 68,157
Longitude:	-76.438060	Retiree65+	0 1,626 31,469

Name: NAVBASE VENTURA CTY, CA (N69232)

Total Officer Employees:	495	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	5,130	Total Sustainment(\$K/Year):	43,577
Total Student Employees:	343	Sustain Payroll (\$K/Year):	9,050
Total Civilian Employees:	5,873	BOS Non-Payroll (\$K/Year):	40,396
Accomp Mil not Receiving BAH:	45.5%	BOS Payroll (\$K/Year):	53,813
Officer Housing Units Avail:	8	Family Housing (\$K/Year):	16,802
Enlisted Housing Units Avail:	46	Installation PRV(\$K):	2,854,942
Starting Facilities(KSF):	11,346	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	2,010	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	1,391		
Civ Locality Pay Factor:	1.201	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.14	Admits	Visits Prescrip
Per Diem Rate (\$/Day):	157	CostFactor	7,960.00 108.00 41.54
Freight Cost (\$/Ton/Mile):	0.14	Actv MTF	0 13,962 9,481
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	291 10,500
Latitude:	34.123430	Retiree	0 2,346 405
Longitude:	-119.099310	Retiree65+	0 359 121

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Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVVWNSTA SEAL BEACH, CA (N60701)

Total Officer Employees:	35	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	189	Total Sustainment(\$K/Year):	9,187
Total Student Employees:	0	Sustain Payroll (\$K/Year):	876
Total Civilian Employees:	436	BOS Non-Payroll (\$K/Year):	12,399
Accomp Mil not Receiving BAH:	11.0%	BOS Payroll (\$K/Year):	16,876
Officer Housing Units Avail:	1	Family Housing (\$K/Year):	2,439
Enlisted Housing Units Avail:	3	Installation PRV(\$K):	746,795
Starting Facilities(KSF):	3,154	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	2,039	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,533		
Civ Locality Pay Factor:	1.201	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.12	Admits	Visits Prescrip
Per Diem Rate (\$/Day):	157	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.28	Actv MTF	0 938 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	628 33,032
Latitude:	33.760970	Retiree	0 378 0
Longitude:	-118.084280	Retiree65+	0 71 0

Name: WPNSTA YORKTOWN, VA (N69212)

Total Officer Employees:	85	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	1,383	Total Sustainment(\$K/Year):	26,183
Total Student Employees:	192	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	765	BOS Non-Payroll (\$K/Year):	17,194
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	5,878
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,534,782
Starting Facilities(KSF):	7,281	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,074	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	815		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.94	Admits	Visits Prescrip
Per Diem Rate (\$/Day):	142	CostFactor	5,141.00 74.00 23.41
Freight Cost (\$/Ton/Mile):	0.32	Actv MTF	0 5,857 12,196
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	430 35,037
Latitude:	37.249514	Retiree	0 1,143 12,208
Longitude:	-76.581491	Retiree65+	0 122 24,281

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Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
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Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: IF NSWC DAHLGREN, VA (NIF007)

Total Officer Employees:	153	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	346	Total Sustainment(\$K/Year):	10,204
Total Student Employees:	240	Sustain Payroll (\$K/Year):	8,889
Total Civilian Employees:	4,008	BOS Non-Payroll (\$K/Year):	10,294
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	5,714
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	744,696
Starting Facilities(KSF):	3,167	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,362	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	972		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.98	Admits	Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	7,030.00 96.00 20.15
Freight Cost (\$/Ton/Mile):	0.62	Actv MTF	0 9,084 11,107
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	142 6,945
Latitude:	38.337500	Retiree	0 3,720 10,747
Longitude:	-77.042900	Retiree65+	0 481 4,909

Name: NAVAIRWPNSTA CHNA LK, CA (N47609)

Total Officer Employees:	146	Base Service (for BOS/Sust):	Navy
Total Enlisted Employees:	834	Total Sustainment(\$K/Year):	18,707
Total Student Employees:	150	Sustain Payroll (\$K/Year):	8,917
Total Civilian Employees:	3,501	BOS Non-Payroll (\$K/Year):	28,071
Accomp Mil not Receiving BAH:	37.9%	BOS Payroll (\$K/Year):	29,337
Officer Housing Units Avail:	3	Family Housing (\$K/Year):	2,022
Enlisted Housing Units Avail:	8	Installation PRV(\$K):	1,355,534
Starting Facilities(KSF):	3,009	Svc/Agcy Recap Rate (Years):	114
Officer BAH (\$/Month):	1,036	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	762		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.27	Admits	Visits Prescrip
Per Diem Rate (\$/Day):	157	CostFactor	6,273.00 102.00 39.32
Freight Cost (\$/Ton/Mile):	0.31	Actv MTF	0 9,942 10,706
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	229 10,091
Latitude:	35.631380	Retiree	0 5,002 12,296
Longitude:	-117.679730	Retiree65+	0 1,079 10,184

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 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAVSUPPACT CRANE, IN (N61018)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	995	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	63	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	6	6	6
Misc Recurring Save(\$K):	0	0	0	800	800	800
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		150 FH ShDn: 0.000%			

Name: NAVBASE POINT LOMA, CA (N63406)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		0 FH ShDn: 0.000%			

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 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	45	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	7	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	205	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		0 FH ShDn: 0.000%			

Name: NAS PAX RIVER, MD (N0428A)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	1,560	1,560	1,560
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		0 FH ShDn: 0.000%			

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 10

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	9,920	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	11,627	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	1,894	1,894	1,894
Misc Recurring Save(\$K):	0	0	0	12,400	12,400	12,400
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		1,460	FH ShDn:		0.000%

Name: NAVWPNSTA SEAL BEACH, CA (N60701)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	226	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	1,371	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	800	800	800
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		0	FH ShDn:		0.000%

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 11
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: WPNSTA YORKTOWN, VA (N69212)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	513	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	498	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	661	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	551	551	551
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0 FH ShDn: 0.000%		

Name: IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	14,772	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	285	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	305	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	800	800	800
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			34 FH ShDn: 0.000%		

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 12
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\U - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDATA&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	3,750	0	0	0
1-Time Unique Save (\$K):	0	0	2,101	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	384	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	400	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		0 FH ShDn: 0.000%			

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NAVSUPACT CRANE, IN (N61018)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-34	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: NAVBASE POINT LOMA, CA (N63406)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-7	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	-356	-8	-10	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 13
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: IF NSWCD IN HD, MD (NIF006)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-14	0	0	0
Off Prog nonBRAC Change:	-1	0	0	0	0	0
Enl Prog nonBRAC Change:	-5	0	0	0	0	0
Civ Prog nonBRAC Change:	-78	0	0	0	0	0
Stu Prog nonBRAC Change:	-112	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: NAS PAX RIVER, MD (N0428A)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-16	0	0	0
Off Prog nonBRAC Change:	-1	-8	-4	-4	0	0
Enl Prog nonBRAC Change:	-6	-14	-31	2	0	0
Civ Prog nonBRAC Change:	2	1	2	2	2	2
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	-9	0	0	0
Enl Scenario Change:	0	0	-24	0	0	0
Civ Scenario Change:	0	0	-252	0	0	0
Off Prog nonBRAC Change:	0	0	-7	1	0	23
Enl Prog nonBRAC Change:	0	-2	-4	2	0	50
Civ Prog nonBRAC Change:	-27	-7	-5	0	0	1
Stu Prog nonBRAC Change:	-2	0	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

Name: NAVWPNSTA SEAL BEACH, CA (N60701)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-4	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 14
 Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDATA&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: WPNSTA YORKTOWN, VA (N69212)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-7	0	0	0
Off Prog nonBRAC Change:	-12	0	0	0	0	0
Enl Prog nonBRAC Change:	-254	0	0	0	0	0
Civ Prog nonBRAC Change:	3	1	2	3	3	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: IF NSWC DAHLGREN, VA (NIF007)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	-26	0	0	0
Off Prog nonBRAC Change:	3	-2	0	-3	0	0
Enl Prog nonBRAC Change:	0	0	-1	0	0	0
Civ Prog nonBRAC Change:	11	12	12	12	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: IF NSWCD IN HD, MD (NIF006)

FAC UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
2262 SF	8,000	6,400 Amber	3,900	150.67	2.75

Name: IF NSWC DAHLGREN, VA (NIF007)

FAC UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
3171 SF	16,124	0 Default	4,665	193.57	2.72
8521 SY	875	0 Default	24	45.83	1.07

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 15

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NAVAIRWPNSTA CHNA LK, CA (N47609)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
3121	SF	18,000	0 Default	0	299.34	3.16
8321	LF	262	0 Default	0	51.48	0.06
8421	LF	385	0 Default	0	39.03	0.85
8121	LF	1,100	0 Default	0	31.84	0.18
8241	LF	515	0 Default	0	75.98	0.11
1131	SY	22,880	0 Default	0	94.44	0.90
2111	SF	53,536	0 Default	0	196.52	2.03
6100	SF	8,000	0 Default	0	138.78	2.52
3151	SF	39,000	0 Default	0	299.34	3.15
2151	SF	62,000	0 Default	0	123.73	2.56
8521	SY	4,000	0 Default	0	45.83	1.07
8511	SY	2,250	0 Default	0	22.25	0.54
8121	LF	400	0 Default	0	31.84	0.18
8122	LF	3,000	0 Default	0	11.05	1.13
8321	LF	430	0 Default	0	51.48	0.06
8432	LF	200	0 Default	0	39.03	0.85
2123	SF	6,000	0 Default	0	167.74	2.64
8321	LF	15	0 Default	0	51.48	0.06
8421	LF	25	0 Default	0	39.03	0.85
8121	LF	35	0 Default	0	31.84	0.18
8241	LF	85	0 Default	0	75.98	0.11
3181	SF	52,294	42,134 Amber	0	193.57	3.03
3181	SF	0	1,776 Red	0	193.57	3.03
3191	SF	0	15,480 Amber	0	147.68	3.32
6100	SF	8,500	407 Amber	0	138.78	2.52
7331	SF	0	6,820 Amber	0	165.64	6.31
6100	SF	0	5,980 Amber	0	138.78	2.52
8421	LF	200	0 Default	0	39.03	0.85
3161	SF	0	9,000 Amber	0	193.57	4.03
3161	SF	0	13,600 Amber	0	193.57	4.03
3121	SF	18,000	0 Default	0	299.34	3.16
8321	LF	12	0 Default	0	51.48	0.06
8421	LF	35	0 Default	0	39.03	0.85
8121	LF	100	0 Default	0	31.84	0.18
8241	LF	15	0 Default	0	75.98	0.11
6100	SF	0	12,460 Amber	0	138.78	2.52
1131	SY	22,880	0 Default	0	94.44	0.90
2111	SF	53,536	0 Default	0	196.52	2.03
8321	LF	250	0 Default	0	51.48	0.06
8421	LF	350	0 Default	0	39.03	0.85
8121	LF	1,000	0 Default	0	31.84	0.18
8241	LF	440	0 Default	0	75.98	0.11
6100	SF	0	720 Amber	0	138.78	2.52
6100	SF	0	7,080 Amber	0	138.78	2.52
2151	SF	80,000	0 Default	0	123.73	2.56
4411	SF	48,000	0 Default	0	85.09	1.83

8511 SY	1,860	0 Default	0	22.25	0.54
8121 LF	340	0 Default	0	31.84	0.18
8321 LF	440	0 Default	0	51.48	0.06
8432 LF	350	0 Default	0	39.03	0.85
8421 LF	290	0 Default	0	39.03	0.85
3161 SF	0	12,726 Amber	0	193.57	4.03
7331 SF	0	6,820 Amber	0	165.64	6.31
3161 SF	0	12,726 Amber	0	193.57	4.03
3161 SF	4,000	0 Default	0	193.57	4.03
3101 SF	0	7,013 Amber	0	193.57	2.76
3121 SF	0	4,144 Amber	0	299.34	3.16
3161 SF	0	30,369 Amber	0	193.57	4.03
3181 SF	64,247	21,524 Amber	0	193.57	3.03
4211 SF	77,113	0 Default	0	208.31	1.92

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6100 SF	0	5,432	Amber	0	138.78	2.52
8721 LF	0	9,500	Amber	0	33.89	0.49
6100 SF	0	4,773	Amber	0	138.78	2.52
6100 SF	0	9,462	Amber	0	138.78	2.52
3161 SF	0	19,748	Amber	0	193.57	4.03
3151 SF	13,000	0	Default	0	299.34	3.15

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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

Perc Officers Accompanied: 72.00% Priority Placement Program: 39.97%
Perc Enlisted Accompanied: 55.00% PPP Actions Involving PCS: 50.70%
Officer Salary(\$/Year): 124,971.93 Civilian PCS Costs (\$): 35,496.00
Enlisted Salary(\$/Year): 82,399.09 Home Sale Reimburse Rate: 10.00%
Civilian Salary(\$/Year): 59,959.18 Max Home Sale Reimburs(\$): 50,000.00
Avg Unemploy Cost(\$/Week): 272.90 Home Purch Reimburse Rate: 5.00%
Unemployment Eligibility(Weeks): 16 Max Home Purch Reimburs(\$): 25,000.00
Civilians Not Willing To Move: 6.00% Civilian Homeowning Rate: 68.40%
Civilian Turnover Rate: 9.16% HAP Home Value Reimburse Rate: 13.46%
Civilian Early Retire Rate: 8.10% HAP Homeowner Receiving Rate: 18.44%
Civilian Regular Retire Rate: 1.67% RSE Home Value Reimburse Rate: 0.00%
Civilian RIF Pay Factor: 86.32% RSE Homeowner Receiving Rate: 0.00%
Civ Early Retire Pay Factor: 18.03%

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF): 0.74		
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate: 5.00%		
Mothball (Deac/Reain) (\$/SF):	0.45	MilCon Design Rate (Medical): 13.00%		
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other): 9.00%		
Rehab vs. MilCon (Red):	64.00%	MilCon SIOH Rate: 6.00%		
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback: 2.80%		

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (Lb): 710 Storage-In-Transit (\$/Pers): 373.76
HHG Per Off Accomp (Lb): 15,290.00 POV Reimburse(\$/Mile): 0.20
HHG Per Enl Accomp (Lb): 9,204.00 Air Transport (\$/Pass Mile): 0.20
HHG Per Off Unaccomp (Lb): 13,712.00 IT Connect (\$/Person): 200.00
HHG Per Enl Unaccomp (Lb): 6,960.00 Misc Exp(\$/Direct Employee): 1,000.00
HHG Per Civilian (Lb): 18,000.00 Avg Mil Tour Length (Months): 30.02
Total HHG Cost (\$/100Lb): 8.78 One-Time Off PCS Cost(\$): 10,477.58
Equip Pack & Crate(\$/Ton): 180.67 One-Time Enl PCS Cost(\$): 3,998.52

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FOOTNOTES FOR SCREEN ONE

[NOTE: For complete detailed footnotes, refer to F - TECH-0018DR COBRA Realignment Report
05032005.doc]

Realign W&A RDAT&E (except gun/ammo and energetic materials) at NAVSURFWARCEN Crane and relocate to China Lake. Realign W&A RDAT&E (except gun/ammo, underwater weapons and energetic materials) at NAVSURFWARCEN Indian Head and relocate to China Lake. Realign W&A RDAT&E at Point Mugu and relocate to China Lake. Realign W&A RDAT&E (except underwater weapons and energetic materials) at Seal Beach and relocate to China Lake. Realign W&A RDAT&E at COMNAVAIRWARCENACDIV PAX and relocate to China Lake. Realign W&A RDAT&E at NAVSURFWARCEN Yorktown and relocate to NAVSURFWARCEN Indian Head. Realign W&A RDAT&E (except weapon system integration) at Port Hueneme and relocate to China Lake. Realign W&A RDAT&E (except guns/ammo and weapon systems integration) at NAVSURFWARCENDIV DAHLGREN_VA and relocate to China Lake. Realign W&A RDAT&E at Port Hueneme (SD) and relocate to NAVSURFWARCEN Dahlgren.
Overestimated savings because of overestimate of Payroll Sustainment Costs at Crane.

Source Data

1. TECH-0018 Part4 Response from DON, 7 Feb 2005.xls
- 2 Criteria 8 Submit from Navy BRAC Office
- 3 MilCon for China Lake (01/27/05) from Navy BRAC Office
- 4 Reductions of Personnel movements from Pax River per IEC Direction 25 Apr 2005
- 5 Reductions of personnel movements from Crande per IEC Direction 2 May 2005

Data Standards

A. Start Dates

- 1) For moves requiring no renovation or new office space - 2006
- 2) For moves requiring Office Space - move in 2008
- 3) For moves requiring Lab Space - move in 2009

B. MILCON

- 1) For purposes of COBRA, assume 160 Gross Square Feet (DOD Standard) for Office Space (FAC 6100)
- 2) For S&T organizations requiring MILCON, absent a detailed breakout of equipment and facilities, use 150 Gross Square feet per person (this from the NAVFAC guide for Laboratories).
- 3) For SCIFS the FAC code is 1404. For purposes of housing people is SCIFS (when they are reported as separate and additional facilities), We want to assume 1 person per 1000 square feet will use that space as an office. That person should be removed from the other portion of the building.
- 4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel: $160 * \text{reassigned personnel} + 150 * \text{research FTEs being reassigned}$. If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square feet, the phrase insufficient milcon is displayed in the comments. Similarly, if the space being constructed, renovated or available at the receiving base exceeds the needed space, the phrase excessive milcon is displayed in the comments.

C. Addition Network/IT Costs

- 1) COBRA allows \$1200 per person for a single network. Use \$1200 person for an addition networks (S,TS).

D. Additional savings

- 1) If leased space has not had an AT/FP upgrade, HAS is assuming a one-time savings of \$28.28 per gross square foot in NCR. This means that if we move out of a leased space in the DC area that has not been upgraded we can take that as a savings.

E. Personnel Reductions

1) Subgroups can apply a 15% reduction against all government personnel moved.

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2) There are three types of organizations at the receiving site:

Consolidated

Joint

Co-Located

3) Subgroups can use their best judgment on the personnel reductions possible in all three, but it would seem that Consolidated has the best opportunities for reductions in P&T, with Joint slightly less and Co-Located the least potential for reduction.

F. Contractor Reductions

- 1) Subgroups can apply a 15% reduction against all contractor personnel.
- 2) Show a \$200K Misc. Recurring Savings for each contractor eliminated.

G. Decontamination Costs

- 1) No decon costs allowed if the affected base is not closed.

FOOTNOTES FOR SCREEN THREE

[NOTE: For complete detailed footnotes, refer to F - TECH-0018DR COBRA Realignment Report 05032005.doc]

Screen 3 - Movement Table

All Personnel numbers have been reduced by 15% IAW TJCSG Standard Assumptions (E-1) unless otherwise noted.

All Personnel moves have been aligned to 2008 IAW TJCSG Standard Assumptions (A-2) Unless otherwise noted.

From NAVSUPPACT CRANE To NAVAIRWPNSTA CHNA LK

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011

Civilian Positions 0 0 193 0 0 0 ^ Aligned to 08 IAW TJCSG (milcon) ^

NAVSURFWARCENDIV_CRANE_IN rationale: All direct personnel plus G&A are identified to transfer pending analysis from the gaining activity. Reduced IAW Source 5. Crane pyrotechnics effort removed based on requirement to locate new production facility to avoid costs for dual use equipment and to continue Crane synergies.

From NAVSUPPACT CRANE To IF NSWCD IN HD

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011

Civilian Positions 0 0 0 0 0 0 ^ Shift and 15% reduction ^

NAVSURFWARCENDIV_CRANE_IN rationale: All direct personnel plus G&A are identified to transfer pending analysis from the gaining activity. Eliminated IAW Source 5

From NAVWPNSTA SEAL BEACH To NAVAIRWPNSTA CHNA LK

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^

Civilian Positions 20 ^ Aligned to 08 IAW TJCSG (milcon)

From NAS PAX RIVER To NAVAIRWPNSTA CHNA LK

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^

Civilian Positions 94 0 ^ Aligned to 08 IAW TJCSG (milcon)

Reduced IAW Source 4. PMOs removed because final business case presented indicated synergies with east coast greater than synergies with west coast and travel costs greater than originally thought.

From WPNSTA YORKTOWN To IF NSWCD IN HD

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^

Civilian Positions 42 ^ Aligned to 08 IAW TJCSG (milcon)

From NAVBASE VENTURA CTY To IF NSWC DAHLGREN

PT LOMA

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^
Civilian Positions 40 0

^ Aligned to 08 IAW TJCSG (milcon)

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From IF NSWCD IN HD To NAVAIRWPNSTA CHNA LK

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^ ^

Officer Positions 0 0 0 0 0 0 ^ ^ NAVSURFWARCENDIV_INDIAN_HEAD_MD

rationale: No officer billets will transfer.

Civilian Positions 0 0 80 0 0 0 ^ Aligned to 08 IAW TJCSG (milcon) ^

"NAVSURFWARCENDIV_INDIAN_HEAD_MD rationale: Weapons Formulation and Weapons Engineering RDAT&E (except guns, under water warheads and energetic materials) personnel moving in FY09. "

From IF NSWCD DAHLGREN To NAVAIRWPNSTA CHNA LK

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^ ^

Civilian Positions 147 0 ^ Aligned to 08 IAW TJCSG (milcon)

From Ventura Cty To NAVAIRWPNSTA CHNA LK

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^ ^

Officer Positions 52 ^ Aligned to 08 IAW TJCSG (milcon)

Enlisted Positions 135 ^ Aligned to 08 IAW TJCSG (milcon)

Civilian Positions 1427 0 ^ Aligned to 08 IAW TJCSG (milcon)

 Movement of Mission Equipment - Supporting Data

Base Name # Activity # Action # # Equipment Type # Tonnage # Change # W&A Rational # Rationale for Relocating
 NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 4 # Electronic security equipment, shipboard physical
 security equipment, high security locks and keys, and physical security products (lockers, armories, magazines)
 for storage of Arms, Ammunition and Explosives assets. # 271.5 # 0 # Eliminated from scenario per Source
 5 # Mission equipment integral to performing functions associated with realignment. Movement of mission
 equipment will occur in FY09, allowing for activity coordination and completion of necessary facility
 modifications.

NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 4 # Ammunition Information Systems consisting of all
 technical

data for procurement of Navy ammunition, IT resources for managing acquisition and inventory, historical data
 for all ammunition. # 129.1 # 42.6 # 33% Tech Docs # This mission equipment which consists of hardware and
 software developed specifically for maintaining historical records and configuration control of ammunition is
 essential for continuing the performance of the RDAT&E mission. Hardware and software to maintain the retail
 ordnance inventory management system is also included. The mission equipment also includes all the technical
 data and procurement data for all ammunition. Expected date of relocation is FY 09.

NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 4 # Production and test equipment, optical measurement
 equipment,

environmental test equipment, missile simulators, missile seeker test assets, required for the life cycle
 support and use of all ammunition not included in guns and ammunition. # 451.5 # 112.8 # 25% General Eqpt #
 Specialized equipment is required for the development, test, evaluation, and life cycle support of pyrotechnic
 and demolition materials devices and the analysis of the effectiveness of these devices. The equipment is
 contained in a production facility equipped to manufacture any pyrotechnic device in the Navy inventory. The
 equipment includes equipment to support a dynamic windstream blowdown test facility, a dedicated suite of
 measurement equipment for T&H, vibration and other environmental stimuli, the Navy standard IR measurement
 facility for all acceptance testing of decoy flares and numerous other energetic tests. The equipment also
 includes a 5 axis rate table for simulating the effects countermeasure techniques on missile flight. Because of
 the necessity to correlate all measurements relocation is planned for FY 09.

NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 24 # Mixers, ovens, vacuum ovens, presses, microcalorimeter,
 thermal analysis equipment, sensitivity test equipment, twin screw extruder, demilitarization equipment and
 infrared measurement equipment # 21.5 # # Delete # Specialized equipment is required for development, test and
 evaluation of energetic materials. Movement of equipment from Crane to Indian Head will occur in FY06 assuming
 facilities are available at Indian Head.

#

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 12 # Weapons Simulation Research & Development

Equipment

1.36 # # # Laboratory equipment that supports Weapons Simulation RDATE&E function. Equipment moves in FY09.

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 12 # Laboratory Special Tables and Cabinets # 137 # 34.25 #

Allow 25%, General Eqpt # Required for laboratory testing and engineering including workbenches, shelving, cabinets in support of Trident Surveillance program, Calibration Lab and maintenance of Standard Missile ATE.

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 12 # General Supplies and Parts # 199 # 49.75 # Allow 25%,

General Eqpt # Required for Trident Surveillance program, Calibration Lab and maintenance of Standard Missile ATE.

#

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # Missile Test Equip # 17 # # Delete # Test equipment required to test Standard Missile and Evolved Seasparrow Missile

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # "Other" non Missile, Gun, and Energetic Equipment #

18 # # # "Other" non Missile, Gun, and Energetic Equipment

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NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # In-extricable ISE Equipment from WSI - See Question
 # 47 # 75 # # # In-extricable ISE work from WSI - See Question # 47
 NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 11 # Weapons & Armament RDAT&E # 4632.6 # 1158.15 # Allow
 25%, General Eqpt # Includes all equipment reported in previous data calls that are required to support W&A RDAT&E
 NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 4 # Combat System In tegration Testing Equipment # 90 #
 22.5 # 25%, General Eqpt Avail # CSIT equipment suites and personnel need to be co-located to conduct CSIT.
 # # # # # # #
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Equipment for Warhead Laboratories # 10.6 # # Delete #
 Equipment necessary for work being transferred
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Computer Analysis Facility # 21.7 # # Delete #
 Equipment
 necessary for work being transferred
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Environmental Test Equipment # 348 # # #
 Equipment
 necessary for work being transferred
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Instrumentation # 68.9 # # # Equipment necessary for
 work being transferred
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Range/Test Support Equipment # 153.8 # # Delete
 OWR #
 Equipment necessary for work being transferred
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Radiographic Equipment # 180 # 45 # 25% General
 Eqpt Avail
 # Equipment necessary for work being transferred
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # VLS Launcher electronics and mechanical equipment
 # 2 #
 # # Equipment necessary for work being transferred
 # # # # # # #
 NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Infantry Weapons Gages # 11 # # # Infantry
 Weapons
 Gages are utilized by the USMC to verify the performance of rifles and firearms. NSWC Corona certifies that
 these gages are accurate so that weapon performance can be properly verified in the field. Corona maintains an
 inventory of certified gages for deployment to USMC activities upon receipt of uncertified gages.
 NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Flight Analysis Library Data and Materials # 2.8 #
 1.85 #
 66% Library # Mission Essential: Technical library that contains data to analyze complex weapon and combat
 systems. Also used for storing historical data for analysis of trends in performance, reliability, and safety in
 support of improved warfighting capability and design.
 NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Computer and Network Equipment to Support
 Assessment
 Operations # 2.36 # # # Mission Essential information systems that provide data to analyze complex weapon
 and combat system development and production operations. These information systems are required to provide
 weapons assessment products to OPNAV; Fleet and Force Commanders; Program Managers; Fleet operations, technical,
 and maintenance personnel. The critical information provided by these systems support decisions that are both
 timely and correct.
 NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Technical Library Data and Materials # 6.07 # 4 # 66%
 Library # Mission Essential technical libraries that provide data to analyze complex weapon and combat system
 development and production operations. These libraries provide resources for independent analysis and technical
 recommendations needed to define and manage the advanced quality assurance, mission assurance, risk management,
 and reliability practices critical to mission success. The information in these libraries is unique and
 irreplaceable and must be relocated.
 NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Historical Data for Missile and Combat Systems.
 Magnetic
 Tapes and Other Media # 38.29 # 12.64 # 33% Tech Docs # Mission Essential: Storage of historical missile and
 ship combat system raw RDTE&A data in a variety of media dating back approx. 30 years. Retrieve and access
 historical data for analysis of trends in performance, reliability, and safety in support of improved
 warfighting capability and design.
 NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 16 # Computer and Network Equipment Support
 Assessment
 Operations # 5.23 # # # Mission Essential information systems that provide data to analyze complex weapon
 and combat system development and production operations. These information systems are required to provide
 weapons assessment products to OPNAV; Fleet and Force Commanders; Program Managers; Fleet operations, technical,
 and maintenance personnel with the critical information required to support decisions that are both timely and

correct.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 16 # Technical Library Data and Materials # 6.07 # 4 # 66% Library # Mission Essential technical libraries that provide data to analyze complex weapon and combat system development and production operations. These libraries provide resources for independent analysis and technical recommendations needed to define and manage the advanced quality assurance, mission assurance, risk management, and reliability practices critical to mission success. The information in these libraries is unique and irreplaceable and must be relocated.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 16 # NATO Performance Analysis Network (NPAN) # 0.48 # #

Delete # Mission Essential wide area secure network for classified data exchange partitioned for domestic and international consortium access.

#

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Explosive pressing and molding powder processing equipment # 103.5 # # Delete # Explosive loading/extrusion presses and related equipment ranging from 12 ton to 2000 ton force capability would require relocation to support the capability. Explosive molding powder mixers ranging in size capacity from 1 liter to 100 gallon are required for pressed explosive formulation/specification development, explosive formulation scale-up/production transition and pressed explosive ingredient evaluation as part of the capability in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Melt cast explosive processing equipment # 20.8 # # #

Melt cast explosive mixers and related loading equipment ranging from 250 ml steam cups to a 210 gallon mixer require relocation to support the capability in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Castable plastic-bonded explosive (PBX) vertical planetary mixing and injection loading equipment # 58.7 # # Delete # Relocation of the castable plastic-

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bonded explosive (PBX) vertical planetary mixing and injection loading equipment is required to perform the capability in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Explosive and explosive loaded ordnance machining and

sectioning equipment, and inert machining equipment # 23.8 # # Explosive machining equipment will require relocation to support the capability in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Explosive chemistry and sensitivity laboratory equipment

5.4 # # The laboratory support equipment is an integral part of the capability. The laboratory provides a diverse spectrum of functions for both the engineering and operations branches. The laboratory performs basic and applied research in material and energetic substances for Naval applications in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Explosive loaded ordnance high pressure water explosive

washout and steam out equipment # 2.6 # # Downloading equipment and related equipment require relocation to support the capability in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Ordnance hardware preparation (lining and painting)

equipment # 5.1 # # The Hardware Preparation Equipment and related equipment for lining and painting requires relocation to support the capability in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # QE Equipment # 82.3 # # QE Equipment includes

special NAVAIR & NAVSEA QE test equipment and environmental chambers that require relocation to support the capability in FY09.

Movement of Military Light Vehicles - Supporting Data # # # #

Base Name # Activity # Action # # Vehicle Type # Count # Change # W&A Rational # Rationale for Relocating

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 7 # Truck, Pick-up # 9 # # Supports all aspects of W&A

RDAT&E

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 7 # Truck, Panel Van # 1 # # Supports W&A Sustainment

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 7 # Forklift # 1 # # VX-30 operations

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 7 # Flatbed # 1 # # Vx-30 operations

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 7 # Sedan # 3 # # Supports Wpns Sustainment and VX-30 operations

Movement of Military Heavy Vehicles - Supporting Data # # # #

Base Name # Activity # Action # # Vehicle Type # Count # Change # W&A Rational # Rationale for Relocating

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 14 # M110A2 8" Howitzer # 2 # # test equipment

Movement of Support Equipment - Supporting Data # # # #

Base Name # Activity # Action # # Equipment Type # Tonnage # Change # W&A Rational # Rationale for Relocating

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 4 # Spares for Mission Equipment (includes power

supplies, cabling, circuit cards, connectors, etc) # 3 # 0.75 # 25% Drawdown # Ready spares with extended procurement lead time required to support mission equipment scheduled for use 24/7. Combat System Suite downtime directly impacts readiness of combat system to meet deployment schedule.

#

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Support equipment (milling machines, lathes, presses, grinders, calibration equipment, etc.) # 383.1 # 95.77 # 25% General Eqpt # Support equipment required for transferred operations

#

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # Missile, Energetics, and Gun Misc Support Equipment

55 # 18.15 # 33% Mostly General Eqpt # Missile, Gun, or Energetic - Required to support test equipment, missiles and missile assembly

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # Other non Missile, Gun, or Energetic Support

Equipment # 7 # 1.75 # 25% Mostly General Eqpt # "Other" non Missile, Gun, or Energetic - See Question # 47 -

Required to support "Other" non Missile, Gun, or Energetic Programs

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # In-extricable ISE Equipment from WSI -

See Question

47 # 9 # 2.97 # 25% General Eqpt # In-extricable ISE work from WSI - See Question # 47

#

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Measurement Science Supply Storage Equipment # 0.97 # #

Delete # Includes office supplies and storage containers for office supplies. Needed to support business operations. Movement in FY09 based on facility availability at receiving activity.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Conference Room Equipment # 1.51 # # Delete # Includes

conference room equipment such as chairs, tables, computers, projectors, cabinets. Needed to support business operations. Movement in FY09 based on facility availability at receiving activity.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # High Volume Copying Machines # 0.43 # # Delete # Provides

necessary document duplication capability. Needed to support business operations. Movement in FY09 based on facility availability at receiving activity.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Interface Gage Support Equipment # 6.2 # # # Includes

file cabinets, bookshelves, and other storage devices along with associated technical materials not otherwise allocated to office spaces. Needed to support business operations.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Contractor Support Equipment # 4.3 # # Delete # Office

furniture and supplies to support on-site contract employees. Needed to support business operations. Movement in FY09 based on facility availability at receiving activity.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Warehouse Vehicles # 18 # # Delete # Includes forklifts

and electric carts necessary to move interface gages into and within the Measurement Science and Technology Laboratory for development, repair, and certification of the gages. Needed to support business operations.

#

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NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 16 # Filing cabinets, flammable storage cabinets, chemical storage cabinets and safes # 9.43 # # Delete # Project documentation to support personnel. Storage cabinets required to support operations. Movement of equipment will coincide with movement of personnel in FY06.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Safes, storage cabinets and racks, flammable storage lockers,

auxiliary equipment. # 11.8 # # Delete # Support equipment required for mission performance, including document and material storage, transport equipment, etc.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 2 # N/A # 0 # # # NSWC Crane, Fallbrook Detachment, does not

perform weapons and armaments workload.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Ammunition Information System Support Equipment consists of

safe, storage cabinets, rotary files, legacy computers, servers and auxiliary equipment # 70.4 # 23.3 # 33% Tech Doc # Support equipment required to allow mission performance and continued safe and reliable ammunition in the Fleet. Support enables the acquisition of ammunition and tracking of all configuration changes.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Pyrotechnic and demolition materials production and testing

tools, storage cabinets, work benches, file and drawing cabinets, safes, flammable lockers, weight handling equipment, tool boxes. # 301.6 # 0 # Pyrotechnic out of scenario per Source 5 # Support equipment required to enable the design, development, pilot production, test and evaluation, Fleet support and demilitarization of pyrotechnics and energetic materials.

#

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Plant air compressors and solvent still # 2.4 # # # This support equipment is required to support plant operations.

FOOTNOTES FOR SCREEN FIVE

[NOTE: For complete detailed footnotes, refer to F - TECH-0018DR COBRA Realignment Report 05032005.doc]

Screen 5 - Base Information (Dynamic)

Base Name

NAVSUPPACT CRANE

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^

Misc. Recurring Savings (\$K) ^ ^ ^ 800 ^ 800 ^ 800 ^ Contractor Reduction of 4@\$200K ^

Facility Closedown reduced proportionately (227/388) to 150.8 to account for personnel remaining IAW Source 5.

Base Name

NAVWPNSTA SEAL BEACH

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^

Misc. Recurring Savings (\$K) ^ ^ ^ 800 ^ 800 ^ 800 ^ Contractor Reduction of 4@\$200K ^

Base Name

NAS PAX RIVER

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^

Misc. Recurring Savings (\$K) ^ ^ ^ 5200 ^ 5200 ^ 5200 ^ Contractor Reduction of 26@\$200K ^

Base Name

WPNSTA YORKTOWN

2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 23
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDATA&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Env Non-Milcon Required (\$K) ^ 208.5 ^ ^ ^ ^ "Criteria 8, Haz Waste Inv & Disposal
\$133.5K, Fuel Tank Closure \$75K, Equipment Decon \$453K"
Misc. Recurring Savings (\$K) ^ ^ ^ 551 ^ 551 ^ 551 ^ Contractor Reduction of
2@\$200K+other savings

Base Name
NAVAIRWPNSTA CHNA LK
2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^
Env Non-Milcon Required (\$K) ^ ^ 589.3 ^ ^ ^ "Additiona Criteria 8 adds:IH Solid
Waste
\$10.8K, Crane Solid Waste \$29.4K, Air Permits \$4.8K, Drying Oven Permits \$5K, NEPA Docs \$10K, see
backup Q for other details"

Base Name
NAVSUPPACT CRANE, IN (N61018)
Env Non-Milcon not required. Criteria 8 Submit from DON.

Base Name
NAVBASE VENTURA CTY
2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^
One-Time Moving Savings (\$K) * ^ ^ ^ 0 ^ 0 ^ 0 ^ "No Details Provided in submit,
disconnect with screen 5 and Q"
Misc. Recurring Savings (\$K) * ^ ^ ^ 12400 12400 12400 ^ Contractor Reduction of 62@\$200K ^

Base Name
IF NSWCD IN HD
2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^
Env Non-Milcon Required (\$K) ^ ^ ^ 205 ^ ^ ^ "Adds for Criteria 8: IWWD Permit \$20K,
RCRA Part B Permit \$10K, NEPA Review \$160K, Air Permits \$15K"
Misc. Recurring Savings (\$K) * ^ ^ ^ 0 ^ 0 ^ 0 ^ "No Details Provided, conflict with
screen 5
and Q23"

Base Name
IF NSWC DAHLGREN
2006 ^ 2007 ^ 2008 ^ 2009 ^ 2010 ^ 2011 ^
Misc. Recurring Savings (\$K) * ^ ^ ^ 800 ^ 800 ^ 800 ^ Contractor Reduction of 4@\$200K ^
Env Non-MILCON Criteria 8 inputs NEPA documentation \$75K, Wetland delineation \$30K, Wetland
Mitigation \$200K

#####
One-Time Unique Costs - Losing (Supporting Data)#####
Base Name # Activity # Action # # One-Time Unique Cost Item # Cost # Change # W&A Rational # Rationale # # #
#####
IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 4 # Technical Transition # 180 # 45 # 25% List # Technical
coordination of equipment moves, transfer of material in inert storage, shipment of materials, interim explosive
hazard classifications and testing, program and financial transitions, transition of class 3 and 4 inventory
records, supply contracts for support, personnel transition center, safety oversight, environmental oversight;
etc. Move will take place in FY 2009. Transition team needs to initiate in FY 2008.#####
IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # Material & equipment Scrap/Excess # 316.8 # # #
Required at least 4 people for approx 6 months to inventory, document, and excess over 3,000 line items of
inactive electronic test equipment.#####
IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # Revise Operational Procedures and Documentation #
95.7 #

Required to revise/change over 400 DRs in support of Standard Msl, and USMC ATEs. #####
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # Re-certification of Laboratories # 130 # ## Required
 JNACT certification for Calibration Lab and ATEs. #####
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # Revise & Integrate Databases # 285.8 # ## Required
 to
 revise/update databases for inventory locations for Trident, GPETE and Standard Missile. #####
 #####
 NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 24 # Decontamination of Equipment # 12.8 # # Delete #
 Decontamination of equipment required before it can be safely shipped to Indian Head. #####
 NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 24 # Decontamination of Facilities # 6.2 # # Delete #
 Decontamination of Building 2947 required to remove explosives before closing the facility #####
 NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 24 # Recruiting and Training of Personnel # 80 # # Delete #
 Crane will be required to recruit and train specialized personnel to perform the remaining functions currently

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performed by individuals transitioning to Indian Head. Four of the thirteen positions will be replaced. # # #
 # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 24 # Procurement of Dual Use Equipment # 1,173 # # Delete #
 Some
 of the equipment transferred in this scenario is dual use between energetic materials RDAT&E and other programs:
 1) Ordnance end item test and evaluation, 2) IR Countermeasure development and production 3) IR Countermeasure
 Lot Acceptance Testing # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Transition of shipboard security modules, cctv demo
 systems,
 shipboard mockups. # 282.4 # # Delete # Labor and travel for a technical transition team to disassemble and
 reassemble these complex systems at the receiving activity. Relocation will occur in FY 09 when the receiving
 activity has space available. # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Disassemble, decontaminate and reassemble energetic
 material
 production, and test and evaluation equipment # 848 # 0 # Energetics removed from scenario per Source 5# Labor
 to decontaminate all equipment that has been exposed to energetic materials before it can be certified as safe
 to ship. # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Transition of Ammunition Information Systems and
 ordnance
 test systems # 181.3 # 59.82 # 33% Tech Doc # Labor and travel for a technical transition team to disassemble
 and reassemble the information and test systems. Relocation will occur in FY 09 when the receiving activity has
 space available. # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Transition of modeling and laser laboratories # 31 # # #
 Labor and travel for a technical transition team to disassemble and reassemble the modeling and simulation
 facility and the laser lab. Relocation will occur in FY 09 when the receiving activity has space available. #
 # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Procurement of dual use equipment for the Ammunition
 information systems. # 288 # 95.04 # 33% Tech Doc # Daily use of the Ammunition Information Systems is required.
 New equipment must be procured and installed prior to relocation. Procurement should begin in FY 08. # # # #
 # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Procurement of dual use equipment for test and evaluation
 to
 support non-ordnance items. # 311 # # # Vibration testing is conducted on non ordnance items using this
 equipment. When the equipment moves a new vibration test system must be procured to support this testing # #
 # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Replication of existing pyrotechnic test facilities # 139.2 #
 # Delete # Lot Acceptance testing of decoy countermeasures requires a legally defensible test facility. When
 the test activity moves a new facility must be constructed to support both acceptance testing and developmental
 testing. This new facility must be completed and correlated with the old facility before the old facility can
 be disposed of. Correlation tests must be done so that the legal defense based on historical data is not lost.
 # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Redo explosive certifications for 160 personnel # 196 # #
 Delete # OP-5 requires any explosive operator must have an explosive certification. Explosive certifications
 are not transferable from one activity to another so completely new certifications must be done. Each
 certification requires 8 hours and a physical examination. # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Redo Standard Operating Procedures # 498 # # # 117
 Standard
 Operating Procedures will have to rewritten to be used at the new activity. # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 2 # N/A # 0 # # # NSWC Crane, Fallbrook Detachment, does
 not
 perform weapons and armaments workload. # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 16 # Recruiting and Training of Personnel # 80 # # Delete #
 Crane will be required to recruit and train specialized personnel to perform the remaining functions currently
 performed by individuals transitioning to Indian Head. Four of the thirteen positions will be replaced. # # #
 # # # # # # # #
 NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Procurement of Dual Use Equipment for weapons and
 energetics
 # 1,173 # # Delete # Some of the equipment transferred in this scenario is dual use between weapons and
 energetic materials RDAT&E and other programs: 1) Ordnance end item test and evaluation, 2) IR Countermeasure
 development and production 3) IR Countermeasure Lot Acceptance Testing. Equipment will be procured and
 delivered to the receiving site. This tonnage is not reflected in the moving answers. # # # # # # # #
 # # # # # # # # # # # # # #
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 12 # Material and Equipment Scrap/Excess # 316.8 # #
 Delete
 # Required at least 4 people for approx 6 months to inventory, document, and excess over 3,000 line items of

inactive electronic test equipment. # # # # #

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 4 # Technical Transition # 180 # # Delete # Technical coordination of equipment moves, transfer of material in inert storage, shipment of materials, interim explosive hazard classifications and testing, program and financial transitions, transition of class 3 and 4 inventory records, supply contracts for support, personnel transition center, safety oversight, environmental oversight; etc. Move will take place in FY 2009. Transition team needs to initiate in FY 2008. # # # # #

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 12 # Revise Operational Procedures and Documentation # 95.7 #

Required to revise/change over 400 DRSS in support of Standard Msl, and USMC ATEs. # # # #

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 12 # Re-certification of Laboratories # 130 # # # Required JNACT certification for Calibration Lab and ATEs. # # # # #

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 12 # Revise & Integrate Databases # 285.78 # # Delete # Required to revise/update databases for inventory locations for Trident, GPETE and Standard Missile. # # # # #

#

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Fuel storage tank closure # 75 # # Delete No Closure #

The facility has three underground oil tanks for fuel storage for the complex's two boiler systems. This tank will have to be removed for an estimated cost of \$25K per tank in FY10. # # # # #

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Decontaminating all explosive operating buildings to

XXXXXX prior to demolition # 6541 # # Delete Decon # Once the equipment is removed, the facilities must be decontaminated to a XXXXXX Level as required by NAVSEA OP-5, DoD Directive 5160.65(series) and NAVSEAINST 8020.14

capabilities. # # # # #

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 16 # Weapons technical library and classified systems # 129 #

42.57 # 33% Tech Doc # Replication costs to replicate Weapons technical library being moved in TECH-0002C and shared by this scenario. Also, costs to replicate classified information systems being moved in TECH-0002C and shared by this scenario. # # # # #

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 16 # Joint Warfare Assessment Laboratory (JWAL) Equipment

Replication Costs # 5,380.20 # # Delete # The assessment center equipment at Corona provides situational awareness of on-range testing and operations, supporting the collaborative assessment of Naval and Joint warfighting programs. Several DTAPs share this equipment; it is an inextricable requirement for each of these DTAPs and must be replicated at the receiving activity. Collaborative Assessment Operations center equipment contains 12 display screens, 7x10 feet each, operating individually or combined for larger display of high definition digital inputs from a variety of source inputs including computer, DVD, VHS, and Internet; a data distribution network interfacing with external data collection networks; an audio system provides the ability to amplify, mix and project inputs from Fleet training and real world situations over classified networks; 75 microphones throughout the operations center support group interactive technical discussions. High-speed LAN equipment supporting up to 100 workstations. Secure video teleconferencing equipment to communicate with the Fleet, the technical community and program managers for classified test planning, scenario certification, readiness reviews, and near-real time feedback on test and real world events. SCIF equipment for access to intelligence information on threat developments and characteristics relative to their impact on US weapon system

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NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Special packaging, handling and transportation of CCTV demonstration system (value \$199K), shipboard server(100K) and shipboard security module (200K) # 134.4 # 0 # Security system operations removed from scenario per source 5 # This system is used for acquisition support of electronic security surveillance systems, electronic access control and is critical to the performance of the mission. Systems include fragile electronic cameras, scomputers, monitors and multiplexing equipment. This tonnage is not part of tonnage reported elsewhere.

NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Move equipment supporting Ammunition Information Systems #

6.3 # # Delete # Move equipment supporting Ammunition Information Systems. This is delicate equipment requiring special packing, handling and transportation. This tonnage is not part of tonnage reported elsewhere.

NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Move Ordnance # 252 # 63 # 25% Drawdown # The vast majority of the ordnance stored for test and evaluation will have to be moved and restored at the receiving site. This tonnage is not part of tonnage reported elsewhere.

NAVSUPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 2 # N/A # 0 # # # NSWC Crane, Fallbrook Detachment, does not perform weapons and armaments workload.

#

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 4 # Relocation of Technical Data # 27 # 6.75 # 25% Tech Docs

Packaging and shipment of technical information associated with research and development activities. Includes classified information, monographs and serials plus files stored in centralized Branch, Division and Department offices. This cost will occur in FY 09.

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 4 # Electronic Equipment Special Packaging # 0.7 # # # Special packaging of sensitive electronic equipment.

IF NSWCD IN HD (Seal Beach Detachment)# NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # ADP Equipment Packaging and

Shipping # 27.355 # # # Costs were estimated for specialized packaging and shipping of required computer lab network for SP Trident testing and NORC database, calibration databases that require air suspension/shock systems for safe shipment.

IF NSWCD IN HD (Seal Beach Detachment)# NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # GPETE (Ships Outfitting) Equipment Packaging and Shipping # 612.08 # # # Costs were estimated for specialized packaging and shipping of required equipment for SCN and OPN Ships Initial Outfitting programs that require air suspension/shock systems for safe shipment. Constant surveillance is also required since it is classified equipment.

IF NSWCD IN HD (Seal Beach Detachment)# NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # Specialized Equipment Packaging

and Shipping # 731.13 # # # Costs were estimated for specialized packaging and shipping of required to perform calibration and engineering testing and maintenance for Standard Missile that require air suspension/shock systems for safe shipment.

#

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Relocation of Measurement Science and Technology Laboratory

(MSTL) Interface Gage Equipment # 1405.3 # # # Mission essential equipment required to perform assessment and certification of Infantry Weapon Gages, Navy Special Interface Gages, and other dimensional materials. Costs derived from documented contract and labor expenditures related to a recent (2002 timeframe) move of MSTL equipment from Seal Beach and Pomona to Corona.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Relocation and Packing of Classified Materials # 305 # 100.65 # 33% Tech Doc # Mission essential classified data and storage containers that support independent assessment functions at NSWC Corona.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 15 # Calibration of Standards Laboratory Equipment # 50.4 # #

Standards are required to support Measurement Science and Technology Laboratory measurement equipment. Calibration of equipment is required after relocation and set up in new facility to ensure that movement has not degraded the equipment accuracy.

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 16 # Classified safes and materials # 210.2 # # Delete # Shipping costs for classified materials and safes.

#

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # Mk 612, 678, and 680 test sets shared equally

between ISE and Sustainment # 2975 # 743.75 # 25% # Missile, Gun, or Energetic -Unique cost for the disassembly/reassembly and recertification required due to critical tolerances associated with missile testing

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # Mk 74/13 De-install and Re-install, NSDSA, STILO,

NSPO, Misc. # 475 # # # "Other" non Missile, Gun, or Energetic - See Question # 47 - Cost for the

disassembly/reassembly and recertification for non Missile, Gun, or Energetic equipment
 NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 5 # In-extricable ISE Equipment from WSI -
 See Question
 # 47 # 8000 # # # In-extricable ISE work from WSI - See Question # 47
 NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 11 # Summary of all One-Time Moving Costs #
 2828.7 # 707.2
 # 25% General Eqpt # Moving costs identified for providing Weapons RDAT&E
 NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 4 # Combat Systems Integration Test (CSIT)
 deinstall,
 custom packaging, install, check out & documentation of Integrated Combat Systems Test Equipment # 5157 # 1701 #
 33% General Eqpt # To support Integrate Combat System Integration Testing
 # # # # #
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 1 6" Test Fixture # 10 # # Delete OWR # Weight =
 65,000
 lbs. each. Installation requires gun mount tie down capable of supporting gun weight and recoil force of
 166,000 lbs. Electrical requirements are 440V/3 phase, 60cycle/5 KVA.
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 2-Each, 5"/54 MK 39 Gun Test Fixtures # 25 # #
 Delete OWR
 # Weight = 47,000 lbs. each. Installation requires gun mount tie down capable of supporting gun weight and
 recoil force of 120,000 lbs. Electrical requirements are 440V/3 phase, 60cycle/5 KVA.
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 2-Each, 40mm Test Fixture # 10 # # # Weight =
 3,000
 lbs. each. Installation requires gun system tie down plate capable of supporting gun weight and recoil force.
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 2-Each, 20mm Test Fixture # 8 # # # Weight =
 1,000 lbs.
 each. Installation requires gun system tie down plate capable of supporting gun weight and recoil force.
 IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 5 Inch Air Gun for High G Impact Testing and
 Controls #
 13 # # # The air gun facility consists of a 5" and a 2" high "g" impact test guns. The 5" assembly is 80 feet

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long and requires disassembly into 10 sections, four of which are significantly heavy. The 2" assembly is 65 feet long and can be disassembled into 6 sections.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 5 Inch Air Gun High Pressure Air Compressor System # 13 #

The high pressure support system for the air guns consists of large heavy components: a 480v pump control, lubricators, 15000 psi compressor, air storage tanks, 75 hp motor, 2 stage pump, 500 psi dual stage compressor, heat sink, and sump pump

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # High Speed Cordon Camera (2 ea) # 4 # 1 # 25% General Eqpt

The high speed cordon camera is a very delicate piece of equipment requiring special handling and packaging for transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Xray Equipment; Flash Xray Equipment Spares # 7 # 1.75 #

25% General Eqpt # The radiographic equipment is a very delicate requiring special handling and packaging for transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Vibration Control System # 7 # # # The vibration control system consists of 13 racks of equipment: charge amplifier, data recorders, control computers, video equipment, monitors, etc. It requires disassembly and the sensitive equipment needs to be carefully packaged for transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Radiographic Film Processing Equipment # 3.5 # 0.875 # 25%

General Eqpt # The equipment is a very delicate and requires special handling and packaging for transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Radiographic Inspection System # 26 # 6.5 # 25% General

Eqpt # The radiographic inspection system consists of several large heavy pieces of equipment requiring disassembly and special packaging for transport. The systems consists of a bridge crane, a motorized manipulator, control equipment, xray head, modulator, temperature controller and RF unit.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Radiographic Inspection System # 16 # 4 # 25% General Eqpt

The radiographic inspection system consists of several large heavy pieces of equipment requiring disassembly and special packaging for transport. The systems consists of a bridge crane, a motorized manipulator, control equipment, xray head, modulator, temperature controller and RF unit.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 2500 Cubic Foot Temperature and Humidity Chamber and

Control System # 26 # 6.5 # 25% General Eqpt # The Temperature and Humidity chamber and control system consists of a 22'X15' room with heavy insulated walls, ceiling and floor; a large heating and cooling compressor system; and a humidity control system. Large scale disassembly is required.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Radiographic Inspection System # 26 # 6.5 # 25% General

Eqpt # The radiographic inspection system consists of several large heavy pieces of equipment requiring disassembly and special packaging for transport. The systems consists of a motorized manipulator, control equipment, xray head, modulator, temperature controller and RF unit. In addition the radiographic inspection room consisting of heavy shielded walls, ceiling and floor requires disassembly and transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Unholtz Dickie 4K Vibration System # 16 # # # The vibration system consists of several large heavy pieces of equipment requiring disassembly and special packaging for transport. The systems consists of an 8 ton electrodynamic shaker, an 8 ton slip table, hydraulic bearings, amplifiers, heat exchangers, and temperature control equipment.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # High Impact Shock Machine # 16 # # # The high "g" impact

shock machine is a large heavy piece of equipment. It is approximately 20' tall, has an integral impact table, and integral 8" hydraulic cylinders. It is a unique piece of equipment that is no longer manufactured.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Unholtz Dickie 4000 Vibration System Amplifier # 16 # #

"The vibration amplifier control system consists of several large heavy pieces of equipment requiring disassembly and special packaging for transport. The equipment is delicate and requires special packaging for transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Unholtz Dickie 4000 Vibration System # 53 # # #

The vibration system consists of several large heavy pieces of equipment requiring disassembly and special packaging for transport. The systems consists of an 8 ton electrodynamic shaker, a 5 ton slip table, hydraulic bearings, heat exchangers, and temperature control equipment.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # TEAM Hydraulic Vibration System # 10.5 # # # The TEAM

hydraulic vibration system consists of two 10 ton hydraulic actuators requiring special handling for transport; a hydraulic power supply; and a heat exchanger.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # Shipboard Vibration Test Fixture # 10.5 # # # The shipboard vibration fixture is a "one-of-a-kind" special piece of equipment. It is a large steel structure with an associated 15 ton base plate and hydraulic bearing support system.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 3000 Cubic Foot Temperature and Humidity Chamber and

Control System # 26 # 6.5 # 25% General Eqpt # The Temperature and Humidity chamber and control system consists of a 8'X11' room with heavy insulated walls, ceiling and floor; a large heating and cooling compressor system; and a humidity control system. Large scale disassembly is required.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # (3 ea) 650 Cubic Foot Temperature and Humidity Chamber and

Control Systems # 78 # 25.74 # Delete Available # Each Temperature and Humidity chamber and control system consists of a 8'X11' room with heavy insulated walls, ceiling and floor; a large heating and cooling compressor system; and a humidity control system. Large scale disassembly is required.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 64 Cubic Foot Temperature and Humidity Chamber and Control

System # 5 # 1.25 # Delete Available # The Temperature and Humidity chamber and control system consists of a 4'X4'X4' chamber with heavy insulated walls, ceiling and floor; a large heating and cooling compressor system; and a humidity control system. It requires special handling for transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 30 Cubic Foot Temperature Chamber and Control System #

2.5 # 0.625 # Delete Available # The Temperature and Humidity chamber and control system consists of a 3'X3'X3' chamber with heavy insulated walls, ceiling and floor; and a heating and cooling compressor system. It requires special handling for transport.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # WOX-7/B Shock Machine # 60 # # # The WOX-7/B shock

machine is too large to be handled and transported as a unit. The machine would have to be disassembled into

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numerous component parts prior to transport. Re-assembly after receipt at its destination, will require precision alignment of large, massive components.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # MIL-S-901 Lightweight Shock Machine # 12 # # #

The shock

machine is has moving parts that will need to be removed/secured prior to transport Re-assembly after receipt at its destination, will require precision alignment of large, massive components.

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 6 # 60mm Fragment Launcher # 6 # # # The fragment launcher

will require moderate disassembly prior to transport (e.g., removal of barrel). Re-assembly and handling after receipt at its destination will require large cranes.

#

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Program hardware, tooling & material handling relocation

118 # # # Program related hardware, tooling, and materials handling equipment would require relocation and storage at Indian Head when transferred from the IHDIV Det Yorktown in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Ingredient/hazmat/hazwaste inventory, testing and transportation or disposal # 133.5 # 33.38 # Allow 25% Drawdown # Approximately 90,000 lbs. of chemicals are currently on-board. We estimate that 90% will be shipped to Indian Head and 10% will be disposed of in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Transportation and/or disposal of explosive material #

689.4 # 172.35 # Allow 25% Drawdown # 533,956 lbs. (net explosive weight) of explosive materials would require transportation to Indian Head in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Relocation of classified documents & safes # 16.3 # 4.1 #

25% Tech Docs # Due to their weight, moving safes and vaults is an extra cost relative to shipping normal office equipment. Relocation of classified material also involves special procedures. These safes and classified material will be shipped in FY09.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Equipment special shipping # 170 # # # Some of the

equipment is extremely large and/or heavy, requiring extra shipping charges beyond the standard shipping rates. The equipment will be shipped to Indian Head in FY09.

Mission Costs - Losing (Supporting Data) # # # # #

Base Name # Activity # Action # # Mission Costs Item # Cost # # # Rationale

#

IF NSWC DAHLGREN # NAVSURFWARCENDIV_DAHLGREN_VA # 14 # n/a # 0 # # # none

#

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 12 # None # 0 # # # No costs identified.

#

NAS PAX RIVER # COMNAVAIRSYSCOM_PATUXENT_RIVER_MD # 6 # # 0 # # #

NAS PAX RIVER # COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD # 9 # Accelerated labor cost associated with hiring of

personnel at China Lake to execute the 18 FTE level of effort at Patuxent Rive that was leveraged on Non-W&A workload. # 2104.6 # # Delete, not allowable # Increase costs to the Navy due to increase in personnel endstrength. NAWCAD can reduce only 2 workyears of contractor support to affect efficiencies resulting from this Scenario.

NAS PAX RIVER # COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD # 9 # Overhead Costs # 979.4 # # Delete, not allowable #

Applied overhead costs associated with a direct workyear.

#

NAVSUPACT CORONA # NAVSURFWARCENDIV_CORONA_CA # 11 # None # 0 # # # No mission costs were identified

#

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 15 # Shipboard assessment testing in lieu of laboratory

certification for non-weapon, non-sensor interfaces # 6000 # # Delete, schd mtg # During CSIT equipment shutdown for relocation, consider upgrading only systems that have no weapon or local sensor interfaces, i.e. that have no direct safety risk. These will be assessed in shipboard vice certified in laboratory environment at a cost of \$6M (2X to 3X the cost of the lab environment) and require the scheduling of additional Fleet Ops. This is a conservative estimate based on an historical average of 9-12 CSITS conducted yearly with an annual budget in excess of \$13M.

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 7 # Estimate of programmatic costs for delays in missile

systems development/deployment due to lapse in critical program support for missile defense systems. # 3,300.00

Delete, schd mtg # US and other countries missile development is dependent on tests performed in these

unique labs. Careful planning will result in a minimum of six weeks of down-time (disassemble, transport, reassemble and perform final calibrations and transparency testing). This six week interval translates to a six week delay to each of the missile development programs. The costs are the mission costs to the programs for the lost time.

#####

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 8 # None # 0 # # # There are no mission costs for the losing activity.

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 4 # None # 0 # # # There are no mission costs for the losing activity.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # None # 0 # # # There are no mission costs for the losing activity.

Miscellaneous Recurring Costs - Losing (Supporting Data) # # # # #

Base Name # Activity # Action # # Miscellaneous Recurring Costs Item # Cost # Change # W&A Rational #

Rationale

#####

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 11 # W&A RDAT&E Miscellaneous Recurring Costs # 7,574.50 #

1,893.60 # 25% Alignment with Eqpt Moving # All costs associated with supporting Weapons RDAT&E

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#####

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # On-going production engineering support for pyrotechnic and

ammunition manufacturing and disposal technologies at Crane Army Ammunition Activity # 48.4 # # Delete # Periodic meetings with production personnel at Crane Army Ammunition Activity to oversee production and maintenance operations. Contact with Crane Army Ammunition Activity, one of the major pyrotechnic producers, is essential during the development and subsequent production of devices. Separation of these activities causes travel to coordinate the efforts in the pyrotechnic development process.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # On-going technical support for I-level maintenance left behind. # 26.4 # # Delete # Periodic meetings with personnel at Crane doing I-level maintenance for program reviews and to review progress on jobs.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # On-going support for ordnance information system development

26.4 # # Delete # Monthly meetings with contractor personnel at Crane support ordnance information system.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # On-going coordination with Electronic and Electronic Warfare

TCs at Crane # 39.3 # # Delete # Periodic meetings with personnel at Crane to provide coordination on Electronic Warfare and Electronics work being performed to support ammunition work.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Ship Ordnance # 24.6 # 6.2 # 25% Drawdown # The assets being

tested are stored at CAAA. Moving the test activity causes the devices to have to be shipped.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # Energetic material shipping from Crane to China Lake # 49 # 0

Energetics removed from scenario per source 5# It will be required to ship energetic material from Crane to China Lake for integration into end-item products and their test and evaluation. Costs include shipping and efforts associated with obtaining Interim Hazard Classification.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 1 # On-going support for ordnance information system development

26.4 # # Delete # Monthly meetings with contractor personnel at Crane support ordnance information system.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 2 # N/A # 0 # # Delete # NSWC Crane, Fallbrook Detachment, does

not perform weapons and armaments workload.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 16 # Energetic material shipping from Indian Head to Crane # 49 #

0 # Energetics removed from scenario per source 5 # It will be required to ship energetic material from Crane to Indian Head for integration into end-item products and their test and evaluation. Costs include shipping and efforts associated with obtaining Interim Hazard Classification.

NAVSUPPACT CRANE # NAVSURFWARCENDIV_CRANE_IN # 16 # On-going coordination between energetic material/process development and end-item product mission # 22.8 # 0 # Energetics removed from scenario per source 5#

Coordination between the end-item developer, Crane, and the energetic material developer, Indian Head, is required. Cost is calculated for two people traveling from Crane to Indian Head four times per year.

#####

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 14 # Travel to Yorktown # 14 # # Delete # This cost in FY10 -

FY11 is due to travel from Indian Head to Yorktown to support AOC QE work. This travel cost is not currently incurred.

Miscellaneous Recurring Savings - Losing (Supporting Data) #####

Base Name # Activity # Action # # Miscellaneous Recurring Savings Item # Savings # Change # W&A Rational # Rationale

NAVBASE VENTURA CTY # NAVAIRWARCENWPNDIV_PT_MUGU_CA # 11 # JSOW Travel Savings Starting in 2007 # 6.8 # #

Delete # All JSOW tests will occur at China Lake

#####

NAS PAX RIVER # COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD # 13 # Reduction of Leased office space # 375.57 # #

Delete, consumed with other movements # Frees up 7800 square feet of office space.

#####

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Safety department oversight # 18 # # # This savings in

FY10 - FY11 results from no longer needing Yorktown Safety department oversight in addition to Indian Head safety department oversight of Detachment operations. Indian Head will provide a single safety department oversight. This oversight includes SOP reviews and safety inspections.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Travel # 40 # # # This savings results from elimination of travel from Yorktown to Indian Head and vice versa for Detachment and Indian Head personnel. These savings would be in FY10-FY11.

WPNSTA YORKTOWN # NSWC_INDIAN_HEAD_DET_YORKTOWN # 10 # Shipments (to Indian Head) # 93 # # # This savings in FY10 - FY11 results from eliminating explosive shipments to Indian Head, estimated to be 55/year @ \$846/shipment.

 One-Time Unique Costs - Receiving (Supporting Data) # # # # #

Base Name # Activity # Action # # One-Time Unique Cost Item # Cost # Change # W&A Rational # Rationale

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Unique Test Structures # 12,500 # # Delete,

Kirtland remains open # Reconstruction of unique test structures located only at Kirtland AFB to maintain ongoing Conventional Weapons Effects (CWE) programs

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Test Support Instrumentation # 2,500 # # #

Instrumentation and facilities required to maintain ongoing CWE programs

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Installation of Crane equipment, FY08/09 # 1190

Installation of unique equipment associated with new mission at CL.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Proof out and new SOPs plus modification of

ESQD arcs/Siting docs, as required, FY08/09 # 250 # # # Operations peculiar to Crane specific products may require changes to Crane SOPs and modification of ESQD Acrcs/Siting docs.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Travel and per diem costs associated with China

Lake's coordination of the removal and decontamination to 3X of equipment being shipped. Process includes familiarization and obtaining appropriate documentation to validate previous use, FY07/08 # 50 # # # 3X certification process requires transfer from knowledgeable donor to knowledgeable acceptor with proper

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documentation. Although this is an additional cost to China Lake, it results in cost avoidance of \$792K in FY09 associated with the decon of equipment for shipment and/or disposal through certified disposal agent. NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # VTC Equipment & Installation, FY06 # 10 # # Delete, Std ADP eqpt # Although this is an additional cost to China Lake it results in a recurring cost avoidance of \$169K associated with periodic coordination meetings. # # # # # NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 16 # JWAL lab equipment installation # 150 # # # Significant and unique equipment installation requirements NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 16 # JWAL extended electrical distribution run and transformer upgrade # 220 # # # Existing electrical infrastructure will require upgrade to support additional JWAL electrical requirements which start in FY07.

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # Office renovation # 500 # # # Establish office and change house space for 30 people. Accomodate remaining 19 people in existing adequate space. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # Equipment procurement and installation engineering oversight and management # 1800 # # # Provide technical oversight for equipment installation and construction. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # Temporary equipment storage # 100 # # # Leasing of temporary storage space for equipment removed from Yorktown. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # Modification of Existing Facilities # 250 # # # Modify existing buildings to receive pyro R&D equipment. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # Equipment Installation # 500 # # # Install pyro R&D equipment in existing facility. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # Temporary equipment storage # 10 # # # Leasing of temporary storage space for equipment from Crane. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # Office renovation # 250 # # # Establish office and change house space for 13 people. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # Transition Manager # 45 # # # 0.5 workyears in FY 06 to manage transition of equipment and technology.

One-Time Unique Savings - Receiving (Supporting Data) # # # # # Base Name # Activity # Action # # One-Time Unique Savings Item # Savings # Change # W&A Rational # Rationale NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Test savings from Advanced Energetics Program Testing # 300 # # # Eliminates need to conduct testing at DTRA-ALBQ, associated test support and transportation costs NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 7 # Return of 2 F/A-18s not needed from VX-30 Squadron # 525 # # # Of the five F/A-18s currently at Mugu, only three will be needed once VX-30 is merged with VX-31 at China Lake. The One-Time savings is the estimated value of the two unneeded aircraft, spare parts, and support equipment which would be available for use by the Navy elsewhere. NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # AIS equipment already exists at CL; less then 40% of what is proposed is needed, FY08. # 173 # # # Cost avoidance with not shipping additional IT equipment is support of AIS work. NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Equipment for T&E of non-ordnance items already exists at CL, FY09. # 311 # # # Cost avoidance for not duplicating existing capabilities. NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Cost Avoidance explosive decon is only required to XXX for shipment to either a like facility or for disposal in qualified site (not public disposal). FY09 # 792 # # # Savings based on CN estimated cost of \$880K for decon of equipment, vehicles and hardware/tooling. 3X decon would be an order of mag less than the cost of a 5X decon (\$88K vs \$880K). Further CL will need less than 25% of CN hardware and tooling.

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # None # 0 # # # There are no one-time unique savings for the receiving activity. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # None # 0 # # # There are no one-time unique savings for the receiving activity. IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 17 # None # 0 # # # There are no one-time unique savings

for the receiving activity.

Environmental Non-MILCON Costs - Receiving (Supporting Data) # # # # #

Base Name # Activity # Action # # Environmental Non-MILCON Costs Item # Cost # Change # W&A Rational #

Rationale

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Environmental compliance # 1 # #

Delete # Cost

for environmental considerations based only on the CWE testing conducted at Kirtland AFB and not the larger remote site that where not considered as re-locatable or for reconstruction. DTRA Albuquerque (Kirtland AFB) although originally included in scenario has been removed in its entirety, these items are no longer valid.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 13 # Solid Waste # 9 # # #

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Hazardous Waste # 9 # # Delete #

DTRA

Albuquerque (Kirtland AFB) although originally included in scenario has been removed in its entirety, these items are no longer valid.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Solid Waste # 1.2 # # Delete #

DTRA

Albuquerque (Kirtland AFB) although originally included in scenario has been removed in its entirety, these items are no longer valid.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Air Quality Permit Modification # 1

Delete

DTRA Albuquerque (Kirtland AFB) although originally included in scenario has been removed in its entirety, these items are no longer valid.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 6 # Solid Waste # 78 # # #

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 7 # Hazardous Waste # 139.2 # # #

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NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 7 # Solid Waste # 61.8 # # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 7 # NEPA Documentation # 20 # # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 7 # Air Quality Permit Modification # 2.5 # # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 9 # Solid Waste # 3 # # Delete # Included in
 Criteria 8 Submit, thus not included in this section.
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 12 # Solid Waste # 13.8 # # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 12 # NEPA Documentation # 10 # # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 4 # Solid Waste mgt. # 7.2 # # # SWM costs for 98 people over 6 years
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 8 # Solid Waste Mgt. # 3.6 # # # Solid waste mgt.
 Costs for 49 people for 6 years
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # AQ fees for 4 curing /drying ovens @ \$1.2K/oven # 4.8 # # # AQ startup fees
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Annual AQ fee for 4 ovens @ \$250/oven (for 5 years) # 5 # # # AQ annual renewal fees
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Solid waste mgt.costs @ \$4.9K/year for 376 people # 29.4 # # # SWM cost for 6 years
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # Air Permit to Construct # 15 # # # Air permit for molding powder.
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # NEPA Review # 150 # # # Environmental assessment.
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # NEPA Review # 10 # # # Labor needed for documentation to support CATEX.
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # Industrial Waste Water Discharge Permit # 20 # # # Waste Water permitting and industrial waste water management plan update.
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # RCRA PART B permit update # 10 # # # Permit to treat TNT contaminated waste water.

 Mission Contract Start Costs - Receiving (Supporting Data) # # # # #
 Base Name # Activity # Action # # Mission Contract Start Costs Item # Cost # Rationale
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Contractor Support # 400 # Based on the renegotiation of Contractor test support, current support for 92 contractors which can be reduced
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 5 # None # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 6 # None # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 7 # None # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 9 # None # #
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 12 # None # #
 # # # # #
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # None # 0 # There are no mission contracts required by the receiving activity for this action.
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # None # 0 # There are no mission contracts required by the receiving activity for this action.
 IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 17 # None # 0 # There are no mission contracts required by the receiving activity for this action.

 Miscellaneous Recurring Costs - Receiving (Supporting Data) # # # # #
 Base Name # Activity # Action # # Miscellaneous Recurring Costs Item # Cost # Change # W&A Rational # Rationale
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Continued Mission Support Costs # 750 # #
 Delete # Costs associated with managing remote test sites and maintaining test facilities
 NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 6 # Costs for HQ personnel travel to Wash # 81 # #
 Delete # 5 days per trip @ \$1.5K per person per trip, 3 persons per trip, avg 3 trips per year, 6 PMAs

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 6 # Costs of HQ personnel travel time for above
travel to Wash (in-route time only) # 107 # # Delete # 54 individual trips X \$110.00 per hour 18 hours per trip
NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # Costs associated w/ increased maintenance on
existing equipment resulting from increased use. Begins FY08 # 150 # # Delete # Estimate based on wear and tear on small support pieces. Major equipment will be replaced on our regular modernization CPP program.

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 11 # Facilities support (ISSA) contracts # 100 # #
Delete # Annual cost of facility operational support for new facility; janitorial, grounds, pest control, refuse.

IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 10 # None # 0 # # # There are no miscellaneous recurring costs for the receiving activity for this action.
IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 16 # None # 0 # # # There are no miscellaneous recurring costs for the receiving activity for this action.
IF NSWCD IN HD # NAVSURFWARCENDIV_INDIAN_HEAD_MD # 17 # None # 0 # # # There are no miscellaneous recurring costs for the receiving activity for this action.

Miscellaneous Recurring Savings - Receiving (Supporting Data) # # # # #
Base Name # Activity # Action # # Miscellaneous Recurring Savings Item # Savings # Change # W&A Rational #
Rationale
NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Contractor Support (ARA, SAIC) # 1,000 # #
Delete Unallowable # Reduce contractor support through use of in-house personnel, reduce number of contractors from 92. FY08

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NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 6 # Cost savings associated with elimination of duplicate functions between China Lake and Dahlgren. # 2,144.80 # # Delete Unallowable # Reduced labor by 16 positions.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 10 # Travel costs of technical personnel from C.L. to Pax for HQ meetings # 487.64 # # Delete Unallowable # no longer nec to travel to Pax for these meetings (333 trips in FY'04, ave. of 5 days ea.)

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 10 # Cost of C.L. personnel travel time for above (in-route time only) # 659.34 # # Delete Unallowable # 333 trips X \$110.00 per hr X 18 hrs travel per trip

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 10 # Savings due to no HQ administrative time off due to bad weather on the East coast (snow days, hurricane). Based on one day per year total. # 473.44 # # Delete Unallowable # 538 positions transferring X \$880.00 per day

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 10 # efficiency due to 3 - 4 per C.L. technical office positions combined with transferred HQ staffing positions (loss in either C.L. technical office personnel or in HQ office personnel) # 5600 # # Delete Unallowable # 8 technical offices @ C.L. representing the six program offices in HQ X 3.5 positions being combined between HQ personnel and C.L. personnel X \$200K yr

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 10 # Reduction of C.L. personnel trips to contractor, since contractor/HQ/C.L. personnel will meet at C.L. more often (reduced by 25% of current) # 259 # # Delete Unallowable # 650 trips to Tucson, 96 trips to St. Louis in FY'04 by C.L. personnel (ave. 3.75 days ea. Trip). Can reduce this number by 25%. (\$912,000 [cost of Tucson trips] X .25) + (\$124,000 [costs of St. Louis trips] X .25)

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 10 # Cost of C.L. personnel travel time for above (in-route time only) # 245.52 # # Delete Unallowable # 186 trips X \$110.00 per hour X 12 travel hours per trip

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 11 # Recurring Savings from ALL Mugu W&A work # 18441.18 # # Delete Unallowable # Roll up of Actions 15-17 plus additional overhead and business operations savings made possible due to co-location of portions of the W&A functions currently at Mugu (see NAVAIR assumption in # DON047). The efficiencies associated with this consolidation allows for the net reduction in overhead funded administrative support positions. Savings also reflect a decreased number of shuttle flights between Mugu and China Lake due to reduced passenger loading.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 13 # Reduction in travel # 144 # # Delete Unallowable # Less travel between Integrated Weapons Product Teams located at China Lake and PAX.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 13 # Eliminate redundancy in positions due to operating on two coasts # 4,000 # # Delete Unallowable # Reduce 20 myrs per year.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 15 # Maintenance on old JWAL computers. # 245 # # Delete Unallowable # Computers require periodic software & hardware upgrades w/ labor costs this is about \$1225/computer/yr. New assets will provide about 4-yr no maintenance costs.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 15 # Electrical savings going to new computers w/ flat panels monitors. # 2.3 # # Delete Unallowable # Utility savings based on 200 computers using flat panel vs CRT displays. # # # # #

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 16 # Reduced travel costs. # 140 # # Delete Unallowable # Travel to Corona for meetings, program reviews and data analysis to be performed on-site at PHD NSWC.

One-Time IT Costs - Receiving (Supporting Data) # # # # #

Base Name # Activity # Action # # One Time IT Costs Item # Cost # Change # W&A Rational # Rationale

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 3 # Miscellaneous IT Requirements # 1,300 # # Delete, COBRA handles IT # Cost estimate for audiovisual, telecom, SIPRNET and initial installation costs

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 10 # establish siprnet/T-1 connections (8 places) # 240 # # Delete, COBRA handles IT # 8 X \$30,000.00)

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 11 # SIPRNET # 30 # # Delete, COBRA handles IT # Adds SIPRNET access for weapons labs, logisticians, squadron personnel and T&E engineers.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 1 # RDT&E Network Drops and cable # 344 # #

Delete, COBRA handles IT # China Lake has elected to largely use standalone Engineering Mach;savings may be available by reducing the number of network drops.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 15 # RDT&E Net to accommodate NPAN & APAN access at

JWAL. About 3miles @ \$22K/mi. # 66 # # Delete, COBRA handles IT # Connection to NATO and Aegis Dedicated Nets through RDT&E network will provide high-speed network connections. Assuming nearest connection is at 31600.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 15 # User connections for NPAN & APAN.

\$492/connection, 19 are needed. # 9.3 # # Delete, COBRA handles IT # New bldg will require new internet connection

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 15 # NMCI connection to new Measures facility on

Main Site; < 1mile to nearest connection. # 22 # # Delete, COBRA handles IT # New bldg will require new internet connection; assuming new facility can be build on previous site of Personnel Bldg or in old Housing Area.

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 15 # User connections for NMCI; \$845/connection, 50

needed to support Measurement Mission. # 4.3 # # Delete, COBRA handles IT # New bldg will require new internet connection

NAVAIRWPNSTA CHNA LK # COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA # 15 # Replacement of JWALS computers & large

displays. # 800 # # Delete, COBRA handles IT # Computers are now 10yrs old - by the time the BRAC action is complete they will be 15-yrs old. Will have one-time savings on shipping, and recurring savings of maintenance and reduced electrical usage with flat pannels vs tube monitors.

#

NAVBASE VENTURA CTY # NAVSURFWARCENDIV_PORT_HUENEME_CA # 16 # Network infrastructure installation # 300 # #

Delete, COBRA handles IT # Costs of wire to the desk tops and lab areas plus the cost of bringing fiber in to support the network requirements.

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 43
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN SEVEN

Screen 7 - Base Information (Military Construction)

Base Name

NAVAIRWPNSTA CHNA LK: "Used MILCONs provided in TECH-0018 (Navy BRAC Office detailed sheet, since original file was cut short due to limitations in space on the originally submitted file).

Modified as

noted to remove MILCONs associated with Indian Head, Yorktown and part of Crane (Energetic Materials only). Due to roll-up of requirements between sites specific space for individual sites was not always identifiable, so total space was calculated for IH/YKTN/CR then subtracted from random MILCONs as noted. Those MILCONs (or total space) were identified by data provided by Navy BRAC Office, and info directly from China Lake BRAC POC. Total correction directed by the Navy BRAC Office was a reduction of 89,659 SQFT of rehab. and 61,000 SQFT of new MILCON."

Following MILCON removed due to removal of Corona per TJCSG Deliberative Decision 18 Mar 2005

8241 Heat, Gas Distribution Line 500 Reduced to 440
8521 Vehicle Parking, Surfaced 4000 Reduced to zero
8511 Road, Surfaced 2000 Reduced to 1860
8121 Electrical Power Distribution Line 400 reduced to 340
8122 Exterior Lighting Lines 2000 reduced to zero
8321 Sewer and Industrial Waste Line 500 reduced to 440
8421 Water Distribution Line, Potable 350 reduced to 290
3171 Electronic and Communication RDT&E Facility 8865 milcon, 5000 rehab, both reduced to zero
3151 Weapons RDT&E Facility 31906 reduced to zero

Following MILCON removed due to removal of Pax River per IEC direction 25 Apr 2005

8241 Heat, Gas Distribution Line 720 Reduced to 0
8121 Electrical Power Distribution Line 140 reduced to 0
8321 Sewer and Industrial Waste Line 200 reduced to 0
8421 Water Distribution Line, Potable 410 reduced to 0
3101 RDT&E Laboratory 4000 rehab reduced to zero
6100 General Administrative 907 rehab reduced to 407.
6100 General Administrative 11000 Milcon reduced to zero.
6100 General Administrative 15500 Rehab reduced to zero.
6103 Printing and Reproduction Plant 4352 rehab reduced to zero.

Milcon Associated with Crane to China Lake Changes IAW Source 4

FAC # Description # Units # New # Rehab # Type Rehab
3101 # RD&E Laboratory # SF # 0 # 7,013 # Amber
3121 # Missile & Space RDT&E # SF # 0 # 4,144 # Amber
3161 # Ammunition, Explosive, & Toxic RDT&E Facility # SF # 15,500 # 38792 change to 30,369 # Amber
3181 # Propulsion RDT&E Facility # SF # 20629 change to 13,000 (Decrement 71876 by 7629) # 21524 change to 12,168 # Amber
4211 # Ammunition Storage, Depot & Arsenal # SF # 77,113 # 0 #
6100 # General Admin Bldg # SF # 0 # 17892 change to 5432 # Amber
8121 # Electric Power Distribution Line # LF # 90 # #
8122 # Exterior Lighting Lines # LF # 15,000 # #
8241 # Heat Gas Distribution Line # LF # 90 # #
8321 # Sewer & Industrial Waste Line # LF # 90 # #
8421 # Water Distribution Line, Potable # LF # 90 # #
8511 # Road Surfaced # SY # 3,780 # #
8521 # Vehicle Parking, Surfaced # SY # 13,600 # #
8721 # Fence & Wall # SF # 0 # 9,500 # Amber

FAC ^ FAC DESCRIPTION ^ UM ^ NEW MilCon(UM) ^ ^ Rehab Con ^ Rehab Type ^ ^ Total Cost (\$K)

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 44
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
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6100 ^ General Administrative Building ^ SF ^ 11000 ^ ^ 0 ^ Amber ^ ^ "2,361" ^ "MODIFIED: Reduced
rehab by 16,000 SQFT Rehab. To account for IH/YKTN/CR correction."
3121 ^ Missile and Space RDT&E Facility ^ SF ^ 192000 ^ ^ ^ ^ 0 ^ DELETE: Informed by Receiver
location (China Lake - Larry) tht this was no needed. W&A lead approved removal
6100 ^ General Administrative Building ^ SF ^ ^ 27960 ^ Amber ^ ^ 0 ^ "DELETE: Reduced rehab by
27,960 SQFT Rehab. To account for IH/YKTN/CR correction."
3151 ^ Weapons RDT&E Facility ^ SF ^ "39,000" ^ ^ ^ ^ "18,018" ^ "MODIFIED: Reduced rehab by
61,000 SQFT new MILCON. To account for IH/YKTN/CR correction."
6100 ^ General Administrative Building ^ SF ^ ^ 0 ^ Amber ^ ^ 0 ^ "DELETE: Reduced rehab by 6,000
SQFT Rehab. To account for IH/YKTN/CR correction."
6100 ^ General Administrative Building ^ SF ^ ^ 0 ^ Amber ^ ^ 0 ^ "DELETE: Reduced rehab by
39,694 SQFT Rehab. To account for IH/YKTN/CR correction."

Base Name

NAVBASE VENTURA CTY: "Used MILCONs provided in TECH-0018 (Navy BRAC Office detailed sheet,
since original file was cut short due to limitations in space on the originally submitted file)"

Following MILCON removed due to removal of Corona per TJCSG Deliberative Decision 18 Mar 2005

6100 General Administrative Building 29250 reduced to zero
3121 Missile and Space RDT&E Facility, 38259 reduced to zero

Base Name

IF NSWCD IN HD:

FAC ^ FAC DESCRIPTION ^ UM ^ NEW MilCon(UM) ^ ^ Rehab Con ^ Rehab Type ^ ^ Total Cost (\$K)
2262 ^ Ammunition Production Facility ^ SF ^ "8,000" ^ ^ ^ "6,400" ^ ^ ^ "3,900" ^ RETAIN: Pressing
facility was unique and needs to be recreated, recategorized from 3161 to 2262 Ammunition Production
Facility.
4221 ^ "Ammunition Storage, Installation" ^ SF ^ "6,000" ^ ^ ^ ^ "2,500" ^ DELETE: Sufficient
explosive storage (magazines) exists at the Indian Head site. Industrial excess capacity shows ability to
handle Yorktown materials especially after reductions/drawdown prior to move. ^ ^ ^ ^ ^
3161 ^ "Ammunition, Explosive, and Toxic RDT&E Facility" ^ SF ^ "2,100" ^ ^ ^ "2,100" ^ Red ^ ^ "2,900"
^ DELETE: Explosive machining capability exist at Indian Head - workload doesn't support moving
additional capability
3161 ^ "Ammunition, Explosive, and Toxic RDT&E Facility" ^ SF ^ "12,000" ^ ^ ^ "6,000" ^ Red ^ ^
"6,800" ^ "DELETE: Navy has no need for melt cast explosive development (usually associated with TNT
based explosives). Workload is sporadic and low, which does not warrant rebuilding a facility. Industry and
other DoD labs do have limited capability to support this low workload
3161 ^ "Ammunition, Explosive, and Toxic RDT&E Facility" ^ SF ^ 1500 ^ ^ 1500 ^ Red ^ ^ "2,500" ^
"DELETE: Explosive washout is only being done (recent times) for Navy Air Weapons, and since a new
facility is under construction at a NAVAIR lab (China Lake) there is no need to move this facility."

Base Name

IF NSWC DAHLGREN:

Orig FAC #3171 64,498 sqft \$18.661M allow 25% IAW 25% allowable equipment transferred due to
common equipment available at reciever 16,124 SQFT \$4.665M

Orig FAC #8521 3,500 sqyd \$98K allow 25% IAW 25% allowable equipment transferred due to common
equipment available at reciever 875sqyd \$24.5K, MILCON lab 3171 reduced by 25% as well

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COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base	Start*	Personnel Finish*	Change	%Change	
NAVSUPPACT CRANE		3,914	3,687	-227	-6%
NAVBASE POINT LOMA		11,728	11,681	-47	0%
IF NSWCD IN HD	2,598	2,546	-52	-2%	
NAS PAX RIVER	10,116	10,006	-110	-1%	
NAVBASE VENTURA CTY		11,864	9,965	-1,899	-16%
NAVWPNSTA SEAL BEACH		660	636	-24	-4%
WPNSTA YORKTOWN		2,171	2,122	-49	-2%
IF NSWC DAHLGREN		4,791	4,658	-133	-3%
NAVAIRWPNSTA CHNA LK		4,631	6,779	2,148	46%
TOTAL	52,473	52,080	-393	-1%	

Base	Start	Square Footage Finish	Change	%Change	Chg/Per
NAVSUPPACT CRANE		3,677,745	3,527,345	-150,400	-4% 662
NAVBASE POINT LOMA		6,283,630	6,283,630	0	0% 0
IF NSWCD IN HD		3,454,150	3,462,150	8,000	0% -154
NAS PAX RIVER		8,208,681	8,208,681	0	0% 0
NAVBASE VENTURA CTY		11,346,558	9,886,958	-1,459,600	-13% 769
NAVWPNSTA SEAL BEACH		3,154,554	3,154,554	0	0% 0
WPNSTA YORKTOWN		7,281,255	7,281,255	0	0% 0
IF NSWC DAHLGREN		3,166,643	3,148,767	-17,876	-1% 134
NAVAIRWPNSTA CHNA LK		3,008,631	3,613,857	605,226	20% 282
TOTAL	49,581,847	48,567,197	-1,014,650	-2%	2,582

Base	Start*	Base Operations Support (2005\$) Finish*	Change	%Change	Chg/Per
NAVSUPPACT CRANE		14,740,760	14,479,199	-261,561	-2% 1,152
NAVBASE POINT LOMA		23,076,383	23,023,751	-52,632	0% 1,120
IF NSWCD IN HD		18,135,419	18,053,251	-82,168	0% 1,580
NAS PAX RIVER		53,377,187	53,068,080	-309,107	-1% 2,810
NAVBASE VENTURA CTY		40,441,172	36,738,825	-3,702,347	-9% 1,950
NAVWPNSTA SEAL BEACH		12,398,965	12,367,769	-31,196	0% 1,300
WPNSTA YORKTOWN		16,807,659	16,733,127	-74,532	0% 1,521
IF NSWC DAHLGREN		10,327,280	10,226,802	-100,477	-1% 755
NAVAIRWPNSTA CHNA LK		28,071,089	32,534,205	4,463,116	16% 2,078
TOTAL	217,375,914	217,225,010	-150,904	0%	384

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COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 2

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base	Sustainment (2005\$)			Change %	Change	Chg/Per
	Start	Finish	Change			
NAVSUPPACT CRANE	-4,976,831	-4,773,305	203,526	-4%	-896	
NAVBASE POINT LOMA	29,244,718	29,244,718	0	0%	0	
IF NSWCD IN HD	5,102,449	5,109,557	7,108	0%	-137	
NAS PAX RIVER	26,092,418	26,092,418	0	0%	0	
NAVBASE VENTURA CTY	34,527,765	30,086,178	-4,441,587	-13%	2,339	
NAVWPNSTA SEAL BEACH	8,310,367	8,310,367	0	0%	0	
WPNSTA YORKTOWN	26,183,343	26,183,343	0	0%	0	
IF NSWC DAHLGREN	1,315,225	1,306,365	-8,859	-1%	67	
NAVAIRWPNSTA CHNA LK	9,789,519	10,762,596	973,077	10%	453	
TOTAL	135,588,973	132,322,237	-3,266,736	-2%	8,312	

Base	Recapitalization (2005\$)			Change %	Change	Chg/Per
	Start	Finish	Change			
NAVSUPPACT CRANE	10,791,654	10,350,333	-441,321	-4%	1,944	
NAVBASE POINT LOMA	16,541,272	16,541,272	0	0%	0	
IF NSWCD IN HD	8,577,590	8,611,801	34,210	0%	-658	
NAS PAX RIVER	21,669,434	21,669,434	0	0%	0	
NAVBASE VENTURA CTY	25,043,352	21,821,822	-3,221,530	-13%	1,696	
NAVWPNSTA SEAL BEACH	6,550,834	6,550,834	0	0%	0	
WPNSTA YORKTOWN	13,462,998	13,462,998	0	0%	0	
IF NSWC DAHLGREN	6,532,418	6,503,416	-29,002	0%	218	
NAVAIRWPNSTA CHNA LK	11,890,648	13,341,305	1,450,657	12%	675	
TOTAL	121,060,201	118,853,216	-2,206,985	-2%	5,616	

Base	Sustain + Recap + BOS (2005\$)			Change %	Change	Chg/Per
	Start	Finish	Change			
NAVSUPPACT CRANE	20,555,583	20,056,227	-499,356	-2%	2,200	
NAVBASE POINT LOMA	68,862,373	68,809,741	-52,632	0%	1,120	
IF NSWCD IN HD	31,815,458	31,774,609	-40,850	0%	785	
NAS PAX RIVER	101,139,040	100,829,932	-309,107	0%	2,810	
NAVBASE VENTURA CTY	100,012,290	88,646,826	-11,365,464	-11%	5,985	
NAVWPNSTA SEAL BEACH	27,260,166	27,228,970	-31,196	0%	1,300	
WPNSTA YORKTOWN	56,454,000	56,379,468	-74,532	0%	1,521	
IF NSWC DAHLGREN	18,174,923	18,036,584	-138,339	-1%	1,040	
NAVAIRWPNSTA CHNA LK	49,751,256	56,638,106	6,886,850	14%	3,206	
TOTAL	474,025,089	468,400,463	-5,624,626	-1%	14,312	

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COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 3

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane

Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR

Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to

China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base	Plant Replacement Value (2005\$)					
	Start	Finish	Change	%Change	Chg/Per	
NAVSUPACT CRANE	1,230,248,578	1,179,938,025	-50,310,553	-4%	221,632	
NAVBASE POINT LOMA	1,885,705,005	1,885,705,005	0	0%	0	
IF NSWCD IN HD	977,845,314	981,745,314	3,900,000	0%	-75,000	
NAS PAX RIVER	2,470,315,499	2,470,315,499	0	0%	0	
NAVBASE VENTURA CTY	2,854,942,193	2,487,687,769	-367,254,424	-13%	193,393	
NAVWPNSTA SEAL BEACH	746,795,077	746,795,077	0	0%	0	
WPNSTA YORKTOWN	1,534,781,746	1,534,781,746	0	0%	0	
IF NSWC DAHLGREN	744,695,660	741,389,420	-3,306,239	0%	24,859	
NAVAIRWPNSTA CHNA LK	1,355,533,888	1,520,908,773	165,374,885	12%	76,990	
TOTAL	13,800,862,960	13,549,266,628	-251,596,332	-2%	640,194	

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COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 4

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

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Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

* "Start" and "Finish" values for Personnel and BOS both include the Programmed
Installation Population (non-BRAC) Changes, so that only changes attributable
to the BRAC action are reflected in the "Change" columns of this report.

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TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/30
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Department : Technical JCSG

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Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	---	---	---	---	---	---	
CONSTRUCTION							
MILCON	17,289	192,102	0	0	0	0	209,391
O&M							
CIV SALARY							
Civ RIF	0	8,857	0	0	0	0	8,857
Civ Retire	0	2,489	0	0	0	0	2,489
CIV MOVING							
Per Diem	0	8,252	0	0	0	0	8,252
POV Miles	0	259	0	0	0	0	259
Home Purch	0	33,291	0	0	0	0	33,291
HHG	0	6,472	0	0	0	0	6,472
Misc	0	1,659	0	0	0	0	1,659
House Hunt	0	5,522	0	0	0	0	5,522
PPP	0	2,627	0	0	0	0	2,627
RITA	0	13,716	0	0	0	0	13,716
FREIGHT							
Packing	0	115	0	0	0	0	115
Freight	0	1,935	0	0	0	0	1,935
Vehicles	0	32	0	0	0	0	32
Unemployment	0	645	0	0	0	0	645
OTHER							
Info Tech	0	369	0	0	0	0	369
Prog Manage	2,137	1,602	1,202	0	0	0	4,941
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	740	0	0	0	0	740
1-Time Move	0	13,851	0	0	0	0	13,851
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	15	0	0	0	0	15
POV Miles	0	7	0	0	0	0	7
HHG	0	218	0	0	0	0	218
Misc	0	187	0	0	0	0	187
OTHER							
Elim PCS	0	190	0	0	0	0	190
OTHER							
HAP / RSE	0	10,184	0	0	0	0	10,184
Environmental	0	1,556	0	0	0	0	1,556
Misn Contract	0	400	0	0	0	0	400
1-Time Other	0	30,221	0	0	0	0	30,221
TOTAL ONE-TIME	19,426	193,704	145,012	0	0	0	358,142

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TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/30
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Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	---	---	---	---	---	---	---	---
O&M								
Sustainment	0	985	985	985	985	4,927	985	
Recap	0	1,526	1,526	1,526	1,526	7,630	1,526	
BOS	0	0	4,463	4,463	4,463	17,852	4,463	
Civ Salary	0	0	94	94	94	376	94	
TRICARE	0	0	29	29	29	116	29	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	596	596	596	2,384	596	
OTHER								
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	1,900	1,900	5,699	1,900	
TOTAL RECUR	0	2,511	7,693	9,593	9,593	9,593	38,985	9,593
TOTAL COST	19,426	196,216	152,306	9,593	9,593	9,593	396,727	9,593
ONE-TIME SAVES								
----	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	---	---	---	---	---	---	---	---
CONSTRUCTION								
MILCON	0	0	0	0	0	0		
O&M								
1-Time Move	0	0	0	0	0	0		
MIL PERSONNEL								
Mil Moving	0	0	433	0	0	433		
OTHER								
Environmental	0	0	0	0	0	0		
1-Time Other	0	0	2,101	0	0	2,101		
TOTAL ONE-TIME	0	0	2,534	0	0	0	2,534	
RECURRINGSAVES								
----	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	---	---	---	---	---	---	---	---
FAM HOUSE OPS								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	4,252	4,252	4,252	17,009	4,252	
Recap	0	0	3,733	3,733	3,733	14,932	3,733	
BOS	0	0	4,614	4,614	4,614	18,456	4,614	
Civ Salary	0	0	21,438	34,183	34,183	123,987	34,183	
MIL PERSONNEL								
Off Salary	0	0	562	1,125	1,125	3,937	1,125	
Enl Salary	0	0	989	1,977	1,977	6,921	1,977	
House Allow	0	0	2,489	2,489	2,489	9,957	2,489	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	16,911	16,911	50,733	16,911	
TOTAL RECUR	0	0	38,078	69,285	69,285	69,285	245,933	69,285
TOTAL SAVINGS	0	0	40,612	69,285	69,285	69,285	248,467	69,285

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TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/30
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Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	17,289	192,102	0	0	0	0	209,391	
O&M								
Civ Retir/RIF	0	0	11,346	0	0	0	11,346	
Civ Moving	0	0	73,880	0	0	0	73,880	
Info Tech	0	0	369	0	0	0	369	
Other	2,137	1,602	16,438	0	0	0	20,177	
MIL PERSONNEL								
Mil Moving	0	0	184	0	0	0	184	
OTHER								
HAP / RSE	0	0	10,184	0	0	0	10,184	
Environmental	0	0	1,556	0	0	0	1,556	
Misn Contract	0	0	400	0	0	0	400	
1-Time Other	0	0	28,120	0	0	0	28,120	
TOTAL ONE-TIME	19,426	193,704	142,478	0	0	0	354,052	
RECURRING NET								
----(\$K)----	----	----	----	----	----	----	-----	
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	985	-3,267	-3,267	-3,267	-3,267	-12,081	-3,267
Recap	0	1,526	-2,207	-2,207	-2,207	-2,207	-7,302	-2,207
BOS	0	0	-151	-151	-151	-151	-604	-151
Civ Salary	0	0	-21,344	-34,089	-34,089	-34,089	-123,612	-34,089
TRICARE	0	0	29	29	29	29	116	29
MIL PERSONNEL								
Mil Salary	0	0	-1,551	-3,102	-3,102	-3,102	-10,858	-3,102
House Allow	0	0	-1,893	-1,893	-1,893	-1,893	-7,573	-1,893
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	-15,011	-15,011	-15,011	-45,034	-15,011
TOTAL RECUR	0	2,511	-30,384	-59,692	-59,692	-59,692	-206,948	-59,692
TOTAL NET COST	19,426	196,216	111,693	-59,692	-59,692	-59,692	148,260	-59,692

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 4/30
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Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVSUPPACT CRANE, IN (N61018)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	---	---	---	---	---	---	---
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	803	0	0	0	803
Civ Retire	0	0	228	0	0	0	228
CIV MOVING							
Per Diem	0	0	868	0	0	0	868
POV Miles	0	0	61	0	0	0	61
Home Purch	0	0	1,633	0	0	0	1,633
HHG	0	0	1,104	0	0	0	1,104
Misc	0	0	155	0	0	0	155
House Hunt	0	0	672	0	0	0	672
PPP	0	0	248	0	0	0	248
RITA	0	0	949	0	0	0	949
FREIGHT							
Packing	0	0	10	0	0	0	10
Freight	0	0	234	0	0	0	234
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	62	0	0	0	62
OTHER							
Info Tech	0	0	31	0	0	0	31
Prog Manage	179	135	101	0	0	0	415
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	68	0	0	0	68
1-Time Move	0	0	63	0	0	0	63
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	441	0	0	0	441
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	995	0	0	0	995
TOTAL ONE-TIME	179	135	8,727	0	0	0	9,041

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 5/30
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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVSUPPACT CRANE, IN (N61018)									
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond	
----(\$K)----	----	----	----	----	----	----	-----	-----	
O&M									
Sustainment	0	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	0	
BOS	0	0	0	0	0	0	0	0	
Civ Salary	0	0	0	0	0	0	0	0	
TRICARE	0	0	0	0	0	0	0	0	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	6	6	6	19	6	
TOTAL RECUR	0	0	0	6	6	6	19	6	
TOTAL COSTS	179	135	8,727	6	6	6	9,060	6	
ONE-TIME SAVES									
----	2006	2007	2008	2009	2010	2011	Total		
----(\$K)----	----	----	----	----	----	----	-----	-----	
CONSTRUCTION									
MILCON	0	0	0	0	0	0	0		
O&M									
1-Time Move	0	0	0	0	0	0	0		
MIL PERSONNEL									
Mil Moving	0	0	0	0	0	0	0		
OTHER									
Environmental	0	0	0	0	0	0	0		
1-Time Other	0	0	0	0	0	0	0		
TOTAL ONE-TIME	0	0	0	0	0	0	0		
RECURRINGSAVES									
----	2006	2007	2008	2009	2010	2011	Total	Beyond	
----(\$K)----	----	----	----	----	----	----	-----	-----	
FAM HOUSE OPS	0	0	0	0	0	0	0	0	
O&M									
Sustainment	0	0	-203	-203	-203	-203	-814	-203	
Recap	0	0	441	441	441	441	1,765	441	
BOS	0	0	261	261	261	261	1,046	261	
Civ Salary	0	0	1,130	2,261	2,261	2,261	7,913	2,261	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Procurement	0	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	800	800	800	2,400	800	
TOTAL RECUR	0	0	1,630	3,560	3,560	3,560	12,310	3,560	
TOTAL SAVINGS	0	0	1,630	3,560	3,560	3,560	12,310	3,560	

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 6/30
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVSUPPACT CRANE, IN (N61018)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	---	---	---	---	---	---	---	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	1,031	0	0	0	1,031	
Civ Moving	0	0	5,934	0	0	0	5,934	
Info Tech	0	0	31	0	0	0	31	
Other	179	135	294	0	0	0	608	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	441	0	0	0	441	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	995	0	0	0	995	
TOTAL ONE-TIME	179	135	8,727	0	0	0	9,041	
RECURRING NET								
----	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	---	---	---	---	---	---	---	---
FAM HOUSE OPS								
O&M								
Sustainment	0	0	203	203	203	203	814	203
Recap	0	0	-441	-441	-441	-441	-1,765	-441
BOS	0	0	-261	-261	-261	-261	-1,046	-261
Civ Salary	0	0	-1,130	-2,261	-2,261	-2,261	-7,913	-2,261
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	-794	-794	-794	-2,381	-794
TOTAL RECUR	0	0	-1,630	-3,554	-3,554	-3,554	-12,292	-3,554
TOTAL NET COST	179	135	7,097	-3,554	-3,554	-3,554	-3,250	-3,554

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 7/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE POINT LOMA, CA (N63406)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	---	---	---	---	---	---	---
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	120	0	0	0	120
Civ Retire	0	0	50	0	0	0	50
CIV MOVING							
Per Diem	0	0	103	0	0	0	103
POV Miles	0	0	17	0	0	0	17
Home Purch	0	0	835	0	0	0	835
HHG	0	0	516	0	0	0	516
Misc	0	0	32	0	0	0	32
House Hunt	0	0	115	0	0	0	115
PPP	0	0	71	0	0	0	71
RITA	0	0	308	0	0	0	308
FREIGHT							
Packing	0	0	2	0	0	0	2
Freight	0	0	72	0	0	0	72
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	9	0	0	0	9
OTHER							
Info Tech	0	0	6	0	0	0	6
Prog Manage	13	10	7	0	0	0	31
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	13	10	2,265	0	0	0	2,288

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 8/30
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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE POINT LOMA, CA (N63406)									
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond	
----(\$K)----	---	---	---	---	---	---	---		
O&M									
Sustainment	0	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	0	
BOS	0	0	0	0	0	0	0	0	
Civ Salary	0	0	0	0	0	0	0	0	
TRICARE	0	0	0	0	0	0	0	0	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	0	
TOTAL RECUR	0	0	0	0	0	0	0	0	
TOTAL COSTS	13	10	2,265	0	0	0	2,288	0	
ONE-TIME SAVES									
----(\$K)----	2006	2007	2008	2009	2010	2011	Total		
----(\$K)----	---	---	---	---	---	---	---		
CONSTRUCTION									
MILCON	0	0	0	0	0	0	0		
O&M									
1-Time Move	0	0	0	0	0	0	0		
MIL PERSONNEL									
Mil Moving	0	0	0	0	0	0	0		
OTHER									
Environmental	0	0	0	0	0	0	0		
1-Time Other	0	0	0	0	0	0	0		
TOTAL ONE-TIME	0	0	0	0	0	0	0		
RECURRINGSAVES									
----(\$K)----	2006	2007	2008	2009	2010	2011	Total	Beyond	
----(\$K)----	---	---	---	---	---	---	---		
FAM HOUSE OPS									
FAM HOUSE OPS	0	0	0	0	0	0	0	0	
O&M									
Sustainment	0	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	0	
BOS	0	0	53	53	53	53	210	53	
Civ Salary	0	0	244	487	487	487	1,706	487	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Procurement	0	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	0	
TOTAL RECUR	0	0	296	540	540	540	1,917	540	
TOTAL SAVINGS	0	0	296	540	540	540	1,917	540	

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Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE POINT LOMA, CA (N63406)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----								
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	170	0	0	0	170	
Civ Moving	0	0	2,072	0	0	0	2,072	
Info Tech	0	0	6	0	0	0	6	
Other	13	10	16	0	0	0	40	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	13	10	2,265	0	0	0	2,288	
RECURRING NET								
----(\$K)----								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	-53	-53	-53	-53	-210	-53
Civ Salary	0	0	-244	-487	-487	-487	-1,706	-487
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	-296	-540	-540	-540	-1,917	-540
TOTAL NET COST	13	10	1,969	-540	-540	-540	371	-540

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 10/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWCD IN HD, MD (NIF006)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	---	---	---	---	---	---	---
CONSTRUCTION							
MILCON	322	3,578	0	0	0	0	3,900
O&M							
CIV SALARY							
Civ RIFs	0	0	356	0	0	0	356
Civ Retire	0	0	87	0	0	0	87
CIV MOVING							
Per Diem	0	0	388	0	0	0	388
POV Miles	0	0	34	0	0	0	34
Home Purch	0	0	1,410	0	0	0	1,410
HHG	0	0	586	0	0	0	586
Misc	0	0	66	0	0	0	66
House Hunt	0	0	319	0	0	0	319
PPP	0	0	106	0	0	0	106
RITA	0	0	621	0	0	0	621
FREIGHT							
Packing	0	0	4	0	0	0	4
Freight	0	0	45	0	0	0	45
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	27	0	0	0	27
OTHER							
Info Tech	0	0	13	0	0	0	13
Prog Manage	117	88	66	0	0	0	271
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	7	0	0	0	7
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	205	0	0	0	205
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	45	0	0	0	45
TOTAL ONE-TIME	439	3,666	4,388	0	0	0	8,493

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 11/30
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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWCD IN HD, MD (NIF006)

RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----								
O&M								
Sustainment	0	7	7	7	7	35	7	
Recap	0	34	34	34	34	171	34	
BOS	0	0	0	0	0	0	0	
Civ Salary	0	0	94	94	94	376	94	
TRICARE	0	0	0	0	0	0	0	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	
TOTAL RECUR	0	41	135	135	135	582	135	
TOTAL COSTS	439	3,707	4,523	135	135	135	9,075	135

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total
----(\$K)----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	
O&M							
1-Time Move	0	0	0	0	0	0	
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	
OTHER							
Environmental	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	

RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----								
FAM HOUSE OPS	0	0	0	0	0	0	0	
O&M								
Sustainment	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	
BOS	0	0	82	82	82	329	82	
Civ Salary	0	0	481	962	962	3,368	962	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	
TOTAL RECUR	0	0	563	1,044	1,044	1,044	3,696	1,044
TOTAL SAVINGS	0	0	563	1,044	1,044	1,044	3,696	1,044

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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWCD IN HD, MD (NIF006)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	322	3,578	0	0	0	0	3,900	
O&M								
Civ Retir/RIF	0	0	443	0	0	0	443	
Civ Moving	0	0	3,582	0	0	0	3,582	
Info Tech	0	0	13	0	0	0	13	
Other	117	88	100	0	0	0	306	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	205	0	0	0	205	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	45	0	0	0	45	
TOTAL ONE-TIME	439	3,666	4,388	0	0	0	8,493	
RECURRING NET								
----(\$K)----	----	----	----	----	----	----	----	
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	7	7	7	7	35	7	
Recap	0	34	34	34	34	171	34	
BOS	0	0	-82	-82	-82	-329	-82	
Civ Salary	0	0	-387	-868	-868	-868	-2,992	-868
TRICARE	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	
TOTAL RECUR	0	41	-428	-909	-909	-909	-3,114	-909
TOTAL NET COST	439	3,707	3,960	-909	-909	-909	5,379	-909

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 13/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAS PAX RIVER, MD (N0428A)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	----	----	----	----	----	----	
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	415	0	0	0	415
Civ Retire	0	0	111	0	0	0	111
CIV MOVING							
Per Diem	0	0	448	0	0	0	448
POV Miles	0	0	40	0	0	0	40
Home Purch	0	0	1,242	0	0	0	1,242
HHG	0	0	680	0	0	0	680
Misc	0	0	76	0	0	0	76
House Hunt	0	0	369	0	0	0	369
PPP	0	0	106	0	0	0	106
RITA	0	0	609	0	0	0	609
FREIGHT							
Packing	0	0	5	0	0	0	5
Freight	0	0	50	0	0	0	50
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	31	0	0	0	31
OTHER							
Info Tech	0	0	15	0	0	0	15
Prog Manage	104	78	59	0	0	0	241
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	408	0	0	0	408
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	104	78	4,667	0	0	0	4,849

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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAS PAX RIVER, MD (N0428A)									
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond	
----(\$K)----	----	----	----	----	----	----	----	----	
O&M									
Sustainment	0	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	0	
BOS	0	0	0	0	0	0	0	0	
Civ Salary	0	0	0	0	0	0	0	0	
TRICARE	0	0	0	0	0	0	0	0	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	0	
TOTAL RECUR	0	0	0	0	0	0	0	0	0
TOTAL COSTS	104	78	4,667	0	0	0	4,849	0	
ONE-TIME SAVES									
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total		
-----	-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION									
MILCON	0	0	0	0	0	0	0	0	
O&M									
1-Time Move	0	0	0	0	0	0	0	0	
MIL PERSONNEL									
Mil Moving	0	0	0	0	0	0	0	0	
OTHER									
Environmental	0	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	0	
RECURRINGSAVES									
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond	
-----	-----	-----	-----	-----	-----	-----	-----	-----	
FAM HOUSE OPS									
	0	0	0	0	0	0	0	0	
O&M									
Sustainment	0	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	0	
BOS	0	0	309	309	309	1,236	309	309	
Civ Salary	0	0	550	1,100	1,100	1,100	3,849	1,100	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Procurement	0	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	1,560	1,560	1,560	4,680	1,560	
TOTAL RECUR	0	0	859	2,969	2,969	2,969	9,765	2,969	
TOTAL SAVINGS	0	0	859	2,969	2,969	2,969	9,765	2,969	

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Department : Technical JCSG
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Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAS PAX RIVER, MD (N0428A)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	---	---	---	---	---	---	---	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	527	0	0	0	527	
Civ Moving	0	0	3,627	0	0	0	3,627	
Info Tech	0	0	15	0	0	0	15	
Other	104	78	90	0	0	0	272	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	408	0	0	0	408	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	104	78	4,667	0	0	0	4,849	
RECURRING NET								
----	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	---	---	---	---	---	---	---	
FAM HOUSE OPS								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	-309	-309	-309	-309	-1,236	-309
Civ Salary	0	0	-550	-1,100	-1,100	-1,100	-3,849	-1,100
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	-1,560	-1,560	-1,560	-4,680	-1,560
TOTAL RECUR	0	0	-859	-2,969	-2,969	-2,969	-9,765	-2,969
TOTAL NET COST	104	78	3,808	-2,969	-2,969	-2,969	-4,916	-2,969

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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS							
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	6,275	0	0	0	6,275
Civ Retire	0	0	1,765	0	0	0	1,765
CIV MOVING							
Per Diem	0	0	5,554	0	0	0	5,554
POV Miles	0	0	42	0	0	0	42
Home Purch	0	0	25,114	0	0	0	25,114
HHG	0	0	2,421	0	0	0	2,421
Misc	0	0	1,159	0	0	0	1,159
House Hunt	0	0	3,353	0	0	0	3,353
PPP	0	0	1,810	0	0	0	1,810
RITA	0	0	9,862	0	0	0	9,862
FREIGHT							
Packing	0	0	84	0	0	0	84
Freight	0	0	832	0	0	0	832
Vehicles	0	0	7	0	0	0	7
Unemployment	0	0	449	0	0	0	449
OTHER							
Info Tech	0	0	269	0	0	0	269
Prog Manage	1,511	1,133	850	0	0	0	3,494
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	657	0	0	0	657
1-Time Move	0	0	11,627	0	0	0	11,627
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	15	0	0	0	15
POV Miles	0	0	7	0	0	0	7
HHG	0	0	218	0	0	0	218
Misc	0	0	187	0	0	0	187
OTHER							
Elim PCS	0	0	190	0	0	0	190
OTHER							
HAP / RSE	0	0	9,335	0	0	0	9,335
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	9,920	0	0	0	9,920
TOTAL ONE-TIME	1,511	1,133	92,004	0	0	0	94,648

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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	----	----	----	----	----	----		
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	1,894	1,894	1,894	5,681	1,894
TOTAL RECUR	0	0	0	1,894	1,894	1,894	5,681	1,894

TOTAL COSTS	1,511	1,133	92,004	1,894	1,894	1,894	100,329	1,894
-------------	-------	-------	--------	-------	-------	-------	---------	-------

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	----	----	----	----	----	----	
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	433	0	0	0	433
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	433	0	0	0	433

RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	----	----	----	----	----	----		
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	4,441	4,441	4,441	4,441	17,766	4,441
Recap	0	0	3,221	3,221	3,221	3,221	12,886	3,221
BOS	0	0	3,702	3,702	3,702	3,702	14,809	3,702
Civ Salary	0	0	9,070	18,139	18,139	18,139	63,487	18,139
MIL PERSONNEL								
Off Salary	0	0	562	1,125	1,125	1,125	3,937	1,125
Enl Salary	0	0	989	1,977	1,977	1,977	6,921	1,977
House Allow	0	0	2,489	2,489	2,489	2,489	9,957	2,489
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	12,400	12,400	12,400	37,200	12,400
TOTAL RECUR	0	0	24,475	47,496	47,496	47,496	166,965	47,496
TOTAL SAVINGS	0	0	24,909	47,496	47,496	47,496	167,398	47,496

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 18/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)	2006	2007	2008	2009	2010	2011	Total	
ONE-TIME NET								
----(\$K)----								
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	8,040	0	0	0	8,040	
Civ Moving	0	0	50,238	0	0	0	50,238	
Info Tech	0	0	269	0	0	0	269	
Other	1,511	1,133	13,583	0	0	0	16,227	
MIL PERSONNEL								
Mil Moving	0	0	184	0	0	0	184	
OTHER								
HAP / RSE	0	0	9,335	0	0	0	9,335	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	9,920	0	0	0	9,920	
TOTAL ONE-TIME	1,511	1,133	91,570	0	0	0	94,214	
RECURRING NET	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	-4,441	-4,441	-4,441	-4,441	-17,766	-4,441
Recap	0	0	-3,221	-3,221	-3,221	-3,221	-12,886	-3,221
BOS	0	0	-3,702	-3,702	-3,702	-3,702	-14,809	-3,702
Civ Salary	0	0	-9,070	-18,139	-18,139	-18,139	-63,487	-18,139
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	-1,551	-3,102	-3,102	-3,102	-10,858	-3,102
House Allow	0	0	-2,489	-2,489	-2,489	-2,489	-9,957	-2,489
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	-10,506	-10,506	-10,506	-31,519	-10,506
TOTAL RECUR	0	0	-24,475	-45,603	-45,603	-45,603	-161,284	-45,603
TOTAL NET COST	1,511	1,133	67,095	-45,603	-45,603	-45,603	-67,069	-45,603

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 19/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVWPNSTA SEAL BEACH, CA (N60701)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	----	----	----	----	----	----	----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	62	0	0	0	62
Civ Retire	0	0	26	0	0	0	26
CIV MOVING							
Per Diem	0	0	81	0	0	0	81
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	442	0	0	0	442
HHG	0	0	35	0	0	0	35
Misc	0	0	17	0	0	0	17
House Hunt	0	0	49	0	0	0	49
PPP	0	0	35	0	0	0	35
RITA	0	0	165	0	0	0	165
FREIGHT							
Packing	0	0	1	0	0	0	1
Freight	0	0	26	0	0	0	26
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	4	0	0	0	4
OTHER							
Info Tech	0	0	3	0	0	0	3
Prog Manage	106	80	60	0	0	0	246
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	1,371	0	0	0	1,371
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	226	0	0	0	226
TOTAL ONE-TIME	106	80	2,606	0	0	0	2,792

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 20/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVWPNSTA SEAL BEACH, CA (N60701)									
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond	
----(\$K)----	----	----	----	----	----	----	----	-----	
O&M									
Sustainment	0	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	0	
BOS	0	0	0	0	0	0	0	0	
Civ Salary	0	0	0	0	0	0	0	0	
TRICARE	0	0	0	0	0	0	0	0	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	0	
TOTAL RECUR	0	0	0	0	0	0	0	0	0
TOTAL COSTS	106	80	2,606	0	0	0	2,792	0	
ONE-TIME SAVES									
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total		
-----	----	----	----	----	----	----	----	-----	
CONSTRUCTION									
MILCON	0	0	0	0	0	0	0		
O&M									
1-Time Move	0	0	0	0	0	0	0		
MIL PERSONNEL									
Mil Moving	0	0	0	0	0	0	0		
OTHER									
Environmental	0	0	0	0	0	0	0		
1-Time Other	0	0	0	0	0	0	0		
TOTAL ONE-TIME	0	0	0	0	0	0	0		
RECURRINGSAVES									
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond	
-----	----	----	----	----	----	----	----	-----	
FAM HOUSE OPS									
FAM HOUSE OPS	0	0	0	0	0	0	0	0	
O&M									
Sustainment	0	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	0	
BOS	0	0	31	31	31	125	31		
Civ Salary	0	0	144	288	288	288	1,008	288	
MIL PERSONNEL									
Off Salary	0	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	0	
OTHER									
Procurement	0	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	0	
Misc Recur	0	0	0	800	800	800	2,400	800	
TOTAL RECUR	0	0	175	1,119	1,119	1,119	3,532	1,119	
TOTAL SAVINGS	0	0	175	1,119	1,119	1,119	3,532	1,119	

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 21/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVWPNSTA SEAL BEACH, CA (N60701)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	---	---	---	---	---	---	---	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	88	0	0	0	88	
Civ Moving	0	0	853	0	0	0	853	
Info Tech	0	0	3	0	0	0	3	
Other	106	80	1,435	0	0	0	1,622	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	226	0	0	0	226	
TOTAL ONE-TIME	106	80	2,606	0	0	0	2,792	
RECURRING NET								
----	----	----	----	----	----	----	----	Beyond
----(\$K)----	---	---	---	---	---	---	---	
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	-31	-31	-31	-31	-125	-31
Civ Salary	0	0	-144	-288	-288	-288	-1,008	-288
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	-800	-800	-800	-2,400	-800
TOTAL RECUR	0	0	-175	-1,119	-1,119	-1,119	-3,532	-1,119
TOTAL NET COST	106	80	2,430	-1,119	-1,119	-1,119	-740	-1,119

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 22/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryU - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: WPNSTA YORKTOWN, VA (N69212)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	172	0	0	0	172
Civ Retire	0	0	48	0	0	0	48
CIV MOVING							
Per Diem	0	0	99	0	0	0	99
POV Miles	0	0	1	0	0	0	1
Home Purch	0	0	575	0	0	0	575
HHG	0	0	63	0	0	0	63
Misc	0	0	33	0	0	0	33
House Hunt	0	0	61	0	0	0	61
PPP	0	0	71	0	0	0	71
RITA	0	0	215	0	0	0	215
FREIGHT							
Packing	0	0	2	0	0	0	2
Freight	0	0	44	0	0	0	44
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	13	0	0	0	13
OTHER							
Info Tech	0	0	7	0	0	0	7
Prog Manage	47	35	26	0	0	0	108
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	498	0	0	0	498
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	661	0	0	0	661
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	513	0	0	0	513
TOTAL ONE-TIME	47	35	3,102	0	0	0	3,184

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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: WPNSTA YORKTOWN, VA (N69212)

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	---	---	---	---	---	---		
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	47	35	3,102	0	0	0	3,184	0

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total
----(\$K)----	---	---	---	---	---	---	
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	0
OTHER							
Environmental	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0						

RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	---	---	---	---	---	---		
FAM HOUSE OPS								
	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	74	74	74	298	74	
Civ Salary	0	0	233	465	465	1,629	465	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	551	551	1,653	551	
TOTAL RECUR	0	0	307	1,091	1,091	1,091	3,580	1,091
TOTAL SAVINGS	0	0	307	1,091	1,091	1,091	3,580	1,091

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 24/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: WPNSTA YORKTOWN, VA (N69212)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	220	0	0	0	220	
Civ Moving	0	0	1,164	0	0	0	1,164	
Info Tech	0	0	7	0	0	0	7	
Other	47	35	537	0	0	0	619	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	661	0	0	0	661	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	513	0	0	0	513	
TOTAL ONE-TIME	47	35	3,102	0	0	0	3,184	
RECURRING NET								
----(\$K)----	----	----	----	----	----	----	----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	-74	-74	-74	-74	-298	-74
Civ Salary	0	0	-233	-465	-465	-465	-1,629	-465
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	-551	-551	-551	-1,653	-551
TOTAL RECUR	0	0	-307	-1,091	-1,091	-1,091	-3,580	-1,091
TOTAL NET COST	47	35	2,795	-1,091	-1,091	-1,091	-396	-1,091

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 25/30
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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWC DAHLGREN, VA (NIF007)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----							
CONSTRUCTION							
MILCON	387	4,302	0	0	0	0	4,689
O&M							
CIV SALARY							
Civ RIFs	0	0	653	0	0	0	653
Civ Retire	0	0	173	0	0	0	173
CIV MOVING							
Per Diem	0	0	711	0	0	0	711
POV Miles	0	0	63	0	0	0	63
Home Purch	0	0	2,039	0	0	0	2,039
HHG	0	0	1,067	0	0	0	1,067
Misc	0	0	121	0	0	0	121
House Hunt	0	0	583	0	0	0	583
PPP	0	0	177	0	0	0	177
RITA	0	0	985	0	0	0	985
FREIGHT							
Packing	0	0	7	0	0	0	7
Freight	0	0	631	0	0	0	631
Vehicles	0	0	25	0	0	0	25
Unemployment	0	0	49	0	0	0	49
OTHER							
Info Tech	0	0	24	0	0	0	24
Prog Manage	58	44	33	0	0	0	135
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	15	0	0	0	15
1-Time Move	0	0	285	0	0	0	285
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	305	0	0	0	305
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	14,772	0	0	0	14,772
TOTAL ONE-TIME	445	4,346	22,719	0	0	0	27,511

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 26/30
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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWC DAHLGREN, VA (NIF007)

RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----								
O&M								
Sustainment	0	5	5	5	5	26	5	
Recap	0	41	41	41	41	206	41	
BOS	0	0	0	0	0	0	0	
Civ Salary	0	0	0	0	0	0	0	
TRICARE	0	0	0	0	0	0	0	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	
TOTAL RECUR	0	46	46	46	46	232	46	
TOTAL COSTS	445	4,392	22,765	46	46	46	27,743	46

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	
O&M							
1-Time Move	0	0	0	0	0	0	
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	
OTHER							
Environmental	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	

RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----								
FAM HOUSE OPS	0	0	0	0	0	0	0	
O&M								
Sustainment	0	0	14	14	14	56	14	
Recap	0	0	70	70	70	280	70	
BOS	0	0	100	100	100	402	100	
Civ Salary	0	0	930	1,824	1,824	6,401	1,824	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	800	800	800	2,400	800	
TOTAL RECUR	0	0	1,115	2,808	2,808	2,808	9,540	2,808
TOTAL SAVINGS	0	0	1,115	2,808	2,808	2,808	9,540	2,808

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 27/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWC DAHLGREN, VA (NIF007)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	387	4,302	0	0	0	0	4,689	
O&M								
Civ Retir/RIF	0	0	826	0	0	0	826	
Civ Moving	0	0	6,409	0	0	0	6,409	
Info Tech	0	0	24	0	0	0	24	
Other	58	44	382	0	0	0	484	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	305	0	0	0	305	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	14,772	0	0	0	14,772	
TOTAL ONE-TIME	445	4,346	22,719	0	0	0	27,511	
RECURRING NET								
----	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	
FAM HOUSE OPS								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	5	-9	-9	-9	-30	-9	
Recap	0	41	-29	-29	-29	-75	-29	
BOS	0	0	-100	-100	-100	-402	-100	
Civ Salary	0	0	-930	-1,824	-1,824	-6,401	-1,824	
TRICARE	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	-800	-800	-2,400	-800	
TOTAL RECUR	0	46	-1,068	-2,762	-2,762	-2,762	-9,308	-2,762
TOTAL NET COST	445	4,392	21,650	-2,762	-2,762	-2,762	18,202	-2,762

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 28/30
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	---	---	---	---	---	---	---
CONSTRUCTION							
MILCON	16,580	184,221	0	0	0	0	200,801
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	384	0	0	0	384
Misn Contract	0	0	400	0	0	0	400
1-Time Other	0	0	3,750	0	0	0	3,750
TOTAL ONE-TIME	16,580	184,221	4,534	0	0	0	205,336

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 29/30
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Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----								
O&M								
Sustainment	0	973	973	973	973	4,865	973	
Recap	0	1,451	1,451	1,451	1,451	7,253	1,451	
BOS	0	4,463	4,463	4,463	4,463	17,852	4,463	
Civ Salary	0	0	0	0	0	0	0	
TRICARE	0	0	29	29	29	116	29	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	596	596	596	2,384	596	
OTHER								
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	
TOTAL RECUR	0	2,424	7,512	7,512	7,512	7,512	32,471	7,512

TOTAL COSTS 16,580 186,645 12,046 7,512 7,512 7,512 237,807 7,512

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total
----(\$K)----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	
O&M							
1-Time Move	0	0	0	0	0	0	
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	
OTHER							
Environmental	0	0	0	0	0	0	
1-Time Other	0	0	2,101	0	0	2,101	
TOTAL ONE-TIME	0	0	2,101	0	0	2,101	

RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----								
FAM HOUSE OPS								
	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	
BOS	0	0	0	0	0	0	0	
Civ Salary	0	0	8,656	8,656	8,656	34,626	8,656	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	
TOTAL RECUR	0	0	8,656	8,656	8,656	34,626	8,656	

TOTAL SAVINGS 0 0 10,757 8,656 8,656 8,656 36,727 8,656

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 30/30
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	16,580	184,221	0	0	0	0	200,801	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	384	0	0	0	384	
Misn Contract	0	0	400	0	0	0	400	
1-Time Other	0	0	1,649	0	0	0	1,649	
TOTAL ONE-TIME	16,580	184,221	2,433	0	0	0	203,235	
RECURRING NET								
----	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	
FAM HOUSE OPS								
O&M								
Sustainment	0	973	973	973	973	973	4,865	973
Recap	0	1,451	1,451	1,451	1,451	1,451	7,253	1,451
BOS	0	0	4,463	4,463	4,463	4,463	17,852	4,463
Civ Salary	0	0	-8,656	-8,656	-8,656	-8,656	-34,626	-8,656
TRICARE	0	0	29	29	29	29	116	29
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	
House Allow	0	0	596	596	596	596	2,384	596
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	0	0	0	0	0	
TOTAL RECUR	0	2,424	-1,145	-1,145	-1,145	-1,145	-2,155	-1,145
TOTAL NET COST	16,580	186,645	889	-1,145	-1,145	-1,145	200,680	-1,145

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TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane

Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR

Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to

China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Milcon Cost		Total Net Costs
	Total MilCon*	Avoidance	
NAVSUPPACT CRANE	0	0	0
NAVBASE POINT LOMA	0	0	0
IF NSWCD IN HD	3,900,000	0	3,900,000
NAS PAX RIVER	0	0	0
NAVBASE VENTURA CTY	0	0	0
NAVWPNSTA SEAL BEACH	0	0	0
WPNSTA YORKTOWN	0	0	0
IF NSW DAHLGREN	4,689,500	0	4,689,500
NAVAIRWPNSTA CHNA LK	200,801,337	0	200,801,337
Totals:	209,390,837	0	209,390,837

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

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COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
 Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

MilCon for Base: IF NSWCD IN HD, MD (NIF006)

All values in 2005 Constant Dollars (\$K)

FAC Title	New UM	New MilCon	Using Cost*	Rehab Cost*	Rehab Type	Total Cost*	Cost*
2262 Ammunition Production Facility		SF	8,000	n/a**	6,400 Amber	n/a**	3,900
Total Construction Cost:						3,900	
- Construction Cost Avoid:						0	
Total Net Milcon Cost:						3,900	

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

**No New Milcon / Rehabilitation Cost breakdown is available if Total Cost was entered by the user.

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COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 3
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

MilCon for Base: IF NSWC DAHLGREN, VA (NIF007)

All values in 2005 Constant Dollars (\$K)

FAC Title	New UM	New MilCon	Using Cost*	Rehab Rehab Type	Rehab Cost*	Total Cost*	Total Cost*
3171 Electronic and Communication RDT&E Facili SF			16,124	n/a**	0 Default	n/a**	4,665
8521 Vehicle Parking, Surfaced		SY	875	n/a**	0 Default	n/a**	24
Total Construction Cost:					4,689		
- Construction Cost Avoid:					0		
Total Net Milcon Cost:					4,689		

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

**No New Milcon / Rehabilitation Cost breakdown is available if Total Cost was entered by the user.

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COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 4
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

MilCon for Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

All values in 2005 Constant Dollars (\$K)

FAC Title	New UM	New MilCon	Using Cost*	Rehab Rehab Type	Rehab Cost*	Total Cost*	
3121 Missile and Space RDT&E Facility		SF	18,000	8,316	0 Default	0	8,316
8321 Sewer and Industrial Waste Line		LF	262	21	0 Default	0	21
8421 Water Distribution Line, Potable		LF	385	23	0 Default	0	23
8121 Electrical Power Distribution Line		LF	1,100	54	0 Default	0	54
8241 Heat Gas Distribution Line		LF	515	60	0 Default	0	60
1131 Aircraft Apron, Surfaced		SY	22,880	3,329	0 Default	0	3,329
2111 Aircraft Maintenance Hangar		SF	53,536	16,253	0 Default	0	16,253
6100 General Administrative Building		SF	8,000	1,717	0 Default	0	1,717
3151 Weapons RDT&E Facility		SF	39,000	18,018	0 Default	0	18,018
2151 Weapon Maintenance Shop		SF	62,000	11,869	0 Default	0	11,869
8521 Vehicle Parking, Surfaced		SY	4,000	282	0 Default	0	282
8511 Road, Surfaced		SY	2,250	77	0 Default	0	77
8121 Electrical Power Distribution Line		LF	400	20	0 Default	0	20
8122 Exterior Lighting Lines		LF	3,000	51	0 Default	0	51
8321 Sewer and Industrial Waste Line		LF	430	34	0 Default	0	34
8432 Water Distribution Line, Fire Protection		LF	200	12	0 Default	0	12
2123 Missile/Launcher Maintenance Support Faci		SF	6,000	1,555	0 Default	0	1,555
8321 Sewer and Industrial Waste Line		LF	15	1	0 Default	0	1
8421 Water Distribution Line, Potable		LF	25	1	0 Default	0	1
8121 Electrical Power Distribution Line		LF	35	2	0 Default	0	2
8241 Heat Gas Distribution Line		LF	85	10	0 Default	0	10
3181 Propulsion RDT&E Facility		SF	52,294	15,638	42,134 Amber	3,644	19,282
3181 Propulsion RDT&E Facility		SF	0	0	1,776 Red	339	339
3191 Miscellaneous Item and Equipment RDT&E Fa		SF	0	0	15,480 Amber	1,021	1,021
6100 General Administrative Building		SF	8,500	1,824	407 Amber	25	1,849
7331 Exchange Eating Facility		SF	0	0	6,820 Amber	505	505
6100 General Administrative Building		SF	0	0	5,980 Amber	371	371
8421 Water Distribution Line, Potable		LF	200	12	0 Default	0	12
3161 Ammunition, Explosive, and Toxic RDT&E Fa		SF	0	0	9,000 Amber	778	778
3161 Ammunition, Explosive, and Toxic RDT&E Fa		SF	0	0	13,600 Amber	1,176	1,176
3121 Missile and Space RDT&E Facility		SF	18,000	8,316	0 Default	0	8,316
8321 Sewer and Industrial Waste Line		LF	12	1	0 Default	0	1
8421 Water Distribution Line, Potable		LF	35	2	0 Default	0	2
8121 Electrical Power Distribution Line		LF	100	5	0 Default	0	5
8241 Heat Gas Distribution Line		LF	15	2	0 Default	0	2
6100 General Administrative Building		SF	0	0	12,460 Amber	773	773
1131 Aircraft Apron, Surfaced		SY	22,880	3,329	0 Default	0	3,329
2111 Aircraft Maintenance Hangar		SF	53,536	16,253	0 Default	0	16,253
8321 Sewer and Industrial Waste Line		LF	250	20	0 Default	0	20
8421 Water Distribution Line, Potable		LF	350	21	0 Default	0	21
8121 Electrical Power Distribution Line		LF	1,000	49	0 Default	0	49
8241 Heat Gas Distribution Line		LF	440	51	0 Default	0	51
6100 General Administrative Building		SF	0	0	720 Amber	45	45
6100 General Administrative Building		SF	0	0	7,080 Amber	439	439
2151 Weapon Maintenance Shop		SF	80,000	15,315	0 Default	0	15,315

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COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 5
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

MilCon for Base: NAVAIRWPNSTA CHNA LK, CA (N47609) (continued)

All values in 2005 Constant Dollars (\$K)

FAC Title	New UM	New MilCon	Using Cost*	Rehab Rehab Type	Rehab Cost*	Total Cost*	Total Cost*
4411 Covered Storage Building, Depot	SF	48,000	6,331	0 Default	0	6,331	6,331
8511 Road, Surfaced	SY	1,860	64	0 Default	0	64	64
8121 Electrical Power Distribution Line	LF	340	17	0 Default	0	17	17
8321 Sewer and Industrial Waste Line	LF	440	35	0 Default	0	35	35
8432 Water Distribution Line, Fire Protection	LF	350	21	0 Default	0	21	21
8421 Water Distribution Line, Potable	LF	290	17	0 Default	0	17	17
3161 Ammunition, Explosive, and Toxic RDT&E Fa	SF	0	0	12,726 Amber	1,101	1,101	1,101
7331 Exchange Eating Facility	SF	0	0	6,820 Amber	505	505	505
3161 Ammunition, Explosive, and Toxic RDT&E Fa	SF	0	0	12,726 Amber	1,101	1,101	1,101
3161 Ammunition, Explosive, and Toxic RDT&E Fa	SF	4,000	1,196	0 Default	0	1,196	1,196
3101 RDT&E Laboratory	SF	0	0	7,013 Amber	606	606	606
3121 Missile and Space RDT&E Facility	SF	0	0	4,144 Amber	554	554	554
3161 Ammunition, Explosive, and Toxic RDT&E Fa	SF	0	0	30,369 Amber	2,626	2,626	2,626
3181 Propulsion RDT&E Facility	SF	64,247	19,213	21,524 Amber	1,861	21,074	21,074
4211 Ammunition Storage, Depot and Arsenal	SF	77,113	24,811	0 Default	0	24,811	24,811
6100 General Administrative Building	SF	0	0	5,432 Amber	337	337	337
8721 Fence and Wall	LF	0	0	9,500 Amber	144	144	144
6100 General Administrative Building	SF	0	0	4,773 Amber	296	296	296
6100 General Administrative Building	SF	0	0	9,462 Amber	587	587	587
3161 Ammunition, Explosive, and Toxic RDT&E Fa	SF	0	0	19,748 Amber	1,708	1,708	1,708
3151 Weapons RDT&E Facility	SF	13,000	6,006	0 Default	0	6,006	6,006
Total Construction Cost:					200,801		
- Construction Cost Avoid:					0		
Total Net Milcon Cost:					200,801		

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

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COBRA NET PRESENT VALUES REPORT (COBRA v6.10)

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Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane

Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR

Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to

China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
2006	19,425,896	19,159,515	19,159,515
2007	196,215,693	188,253,937	207,413,452
2008	112,093,332	104,615,730	312,029,182
2009	-59,691,678	-54,192,338	257,836,844
2010	-59,691,678	-52,716,282	205,120,562
2011	-59,691,678	-51,280,430	153,840,132
2012	-59,691,678	-49,883,687	103,956,446
2013	-59,691,678	-48,524,987	55,431,459
2014	-59,691,678	-47,203,295	8,228,164
2015	-59,691,678	-45,917,602	-37,689,438
2016	-59,691,678	-44,666,928	-82,356,366
2017	-59,691,678	-43,450,319	-125,806,685
2018	-59,691,678	-42,266,847	-168,073,532
2019	-59,691,678	-41,115,610	-209,189,143
2020	-59,691,678	-39,995,730	-249,184,872
2021	-59,691,678	-38,906,352	-288,091,224
2022	-59,691,678	-37,846,646	-325,937,870
2023	-59,691,678	-36,815,803	-362,753,673
2024	-59,691,678	-35,813,038	-398,566,712
2025	-59,691,678	-34,837,586	-433,404,298

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COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	985	-3,267	-3,267	-3,267	-3,267	-12,081	-3,267
Recap Change	0	1,526	-2,207	-2,207	-2,207	-2,207	-7,302	-2,207
BOS Change	0	0	-151	-151	-151	-151	-604	-151
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	2,511	-5,625	-5,625	-5,625	-5,625	-19,987	-5,625

NAVSUPPACT CRANE, IN (N61018)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	203	203	203	203	814	203
Recap Change	0	0	-441	-441	-441	-441	-1,765	-441
BOS Change	0	0	-261	-261	-261	-261	-1,046	-261
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-499	-499	-499	-499	-1,997	-499

NAVBASE POINT LOMA, CA (N63406)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	0	0	-53	-53	-53	-53	-210	-53
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-53	-53	-53	-53	-210	-53

IF NSWCD IN HD, MD (NIF006)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	7	7	7	7	35	7	7
Recap Change	0	34	34	34	34	34	171	34
BOS Change	0	0	-82	-82	-82	-82	-329	-82
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	41	-41	-41	-41	-41	-122	-41

NAS PAX RIVER, MD (N0428A)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	0	0	-309	-309	-309	-309	-1,236	-309
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-309	-309	-309	-309	-1,236	-309

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COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10) - Page 2
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Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

NAVBASE VENTURA CTY, CA (N69232)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	-4,441	-4,441	-4,441	-4,441	-17,766	-4,441
Recap Change	0	0	-3,221	-3,221	-3,221	-3,221	-12,886	-3,221
BOS Change	0	0	-3,702	-3,702	-3,702	-3,702	-14,809	-3,702
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-11,365	-11,365	-11,365	-11,365	-45,462	-11,365

NAVWPNSTA SEAL BEACH, CA (N60701)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	0	0	-31	-31	-31	-31	-125	-31
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-31	-31	-31	-31	-125	-31

WPNSTA YORKTOWN, VA (N69212)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	0	0	-74	-74	-74	-74	-298	-74
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-74	-74	-74	-74	-298	-74

IF NSWC DAHLGREN, VA (NIF007)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	5	-9	-9	-9	-30	-9	-9
Recap Change	0	41	-29	-29	-29	-75	-29	-29
BOS Change	0	0	-100	-100	-100	-402	-100	-100
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	46	-138	-138	-138	-138	-507	-138

NAVAIRWPNSTA CHNA LK, CA (N47609)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	973	973	973	973	4,865	973	973
Recap Change	0	1,451	1,451	1,451	1,451	7,253	1,451	1,451
BOS Change	0	0	4,463	4,463	4,463	17,852	4,463	4,463
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	2,424	6,887	6,887	6,887	6,887	29,971	6,887

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TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/10
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Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	2,043	0	0	0	2,043
Early Retirement*	8.10%	0	0	166	0	0	0	166
Regular Retirement*	1.67%	0	0	34	0	0	0	34
Civilian Turnover*	9.16%	0	0	188	0	0	0	188
Civs Not Moving (RIFs)*	6.00%	0	0	124	0	0	0	124
Civilians Moving (the remainder)		0	0	1,531	0	0	0	1,531
Civilian Positions Available		0	0	512	0	0	0	512
CIVILIAN POSITIONS ELIMINATED		0	0	360	0	0	0	360
Early Retirement	8.10%	0	0	29	0	0	0	29
Regular Retirement	1.67%	0	0	5	0	0	0	5
Civilian Turnover	9.16%	0	0	32	0	0	0	32
Civs Not Moving (RIFs)*	6.00%	0	0	21	0	0	0	21
Priority Placement#	39.97%	0	0	145	0	0	0	145
Civilians Available to Move		0	0	128	0	0	0	128
Civilians Moving		0	0	128	0	0	0	128
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	2,043	0	0	0	2,043
Civilians Moving		0	0	1,659	0	0	0	1,659
New Civilians Hired		0	0	384	0	0	0	384
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	195	0	0	0	195
TOTAL CIVILIAN RIFs		0	0	145	0	0	0	145
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	145	0	0	0	145
TOTAL CIVILIAN NEW HIRES		0	0	384	0	0	0	384

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 2/10
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Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVSUPACT CRANE, IN (N61018)Rate 2006 2007 2008 2009 2010 2011 Total

CIVILIAN POSITIONS REALIGNING OUT		0	0	193	0	0	0	0	193	
Early Retirement*	8.10%	0	0	16	0	0	0	0	16	
Regular Retirement*	1.67%	0	0	3	0	0	0	0	3	
Civilian Turnover*	9.16%	0	0	18	0	0	0	0	18	
Civs Not Moving (RIFs)*	6.00%	0	0	12	0	0	0	0	12	
Civilians Moving (the remainder)		0	0	144	0	0	0	0	144	
Civilian Positions Available		0	0	49	0	0	0	0	49	

CIVILIAN POSITIONS ELIMINATED		0	0	34	0	0	0	0	34	
Early Retirement	8.10%	0	0	3	0	0	0	0	3	
Regular Retirement	1.67%	0	0	1	0	0	0	0	1	
Civilian Turnover	9.16%	0	0	3	0	0	0	0	3	
Civs Not Moving (RIFs)*	6.00%	0	0	2	0	0	0	0	2	
Priority Placement#	39.97%	0	0	14	0	0	0	0	14	
Civilians Available to Move		0	0	11	0	0	0	0	11	
Civilians Moving		0	0	11	0	0	0	0	11	
Civilian RIFs (the remainder)		0	0	0	0	0	0	0	0	

CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0	0	
Civilians Moving		0	0	0	0	0	0	0	0	
New Civilians Hired		0	0	0	0	0	0	0	0	
Other Civilian Additions		0	0	0	0	0	0	0	0	

TOTAL CIVILIAN EARLY RETIRMENTS		0	0	19	0	0	0	0	19	
TOTAL CIVILIAN RIFs		0	0	14	0	0	0	0	14	
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	14	0	0	0	0	14	
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0	0	

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 3/10

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Second TryJ - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE POINT LOMA, CA (N63406)Rate 2006 2007 2008 2009 2010 2011 Total

		2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	40	0	0	0	40
Early Retirement*	8.10%	0	0	3	0	0	0	3
Regular Retirement*	1.67%	0	0	1	0	0	0	1
Civilian Turnover*	9.16%	0	0	4	0	0	0	4
Civs Not Moving (RIFs)*	6.00%	0	0	2	0	0	0	2
Civilians Moving (the remainder)		0	0	30	0	0	0	30
Civilian Positions Available		0	0	10	0	0	0	10

CIVILIAN POSITIONS ELIMINATED		0	0	7	0	0	0	7
Early Retirement	8.10%	0	0	1	0	0	0	1
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	1	0	0	0	1
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	3	0	0	0	3
Civilians Available to Move		0	0	2	0	0	0	2
Civilians Moving		0	0	2	0	0	0	2
Civilian RIFs (the remainder)		0	0	0	0	0	0	0

CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS		0	0	4	0	0	0	4
TOTAL CIVILIAN RIFs		0	0	2	0	0	0	2
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	3	0	0	0	3
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 4/10

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 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
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 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWCD IN HD, MD (NIF006)Rate 2006 2007 2008 2009 2010 2011 Total

	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	80	0	0	0	80
Early Retirement*	8.10%	0	6	0	0	0	6
Regular Retirement*	1.67%	0	1	0	0	0	1
Civilian Turnover*	9.16%	0	7	0	0	0	7
Civs Not Moving (RIFs)*	6.00%	0	5	0	0	0	5
Civilians Moving (the remainder)		0	61	0	0	0	61
Civilian Positions Available	0	0	19	0	0	0	19

	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS ELIMINATED	0	0	14	0	0	0	14
Early Retirement	8.10%	0	1	0	0	0	1
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	1	0	0	0	1
Civs Not Moving (RIFs)*	6.00%	0	1	0	0	0	1
Priority Placement#	39.97%	0	6	0	0	0	6
Civilians Available to Move		0	5	0	0	0	5
Civilians Moving		0	5	0	0	0	5
Civilian RIFs (the remainder)		0	0	0	0	0	0

	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING IN	0	0	42	0	0	0	42
Civilians Moving	0	0	33	0	0	0	33
New Civilians Hired	0	0	9	0	0	0	9
Other Civilian Additions	0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS	0	0	7	0	0	0	7
TOTAL CIVILIAN RIFs	0	0	6	0	0	0	6
TOTAL CIVILIAN PRIORITY PLACEMENTS#	0	0	6	0	0	0	6
TOTAL CIVILIAN NEW HIRES	0	0	9	0	0	0	9

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 5/10
 Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAS PAX RIVER, MD (N0428A)Rate 2006 2007 2008 2009 2010 2011 Total

	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	94	0	0	0	94
Early Retirement*	8.10%	0	8	0	0	0	8
Regular Retirement*	1.67%	0	2	0	0	0	2
Civilian Turnover*	9.16%	0	9	0	0	0	9
Civs Not Moving (RIFs)*	6.00%	0	6	0	0	0	6
Civilians Moving (the remainder)		0	69	0	0	0	69
Civilian Positions Available	0	0	25	0	0	0	25

	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS ELIMINATED	0	0	16	0	0	0	16
Early Retirement	8.10%	0	1	0	0	0	1
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	1	0	0	0	1
Civs Not Moving (RIFs)*	6.00%	0	1	0	0	0	1
Priority Placement#	39.97%	0	6	0	0	0	6
Civilians Available to Move		0	7	0	0	0	7
Civilians Moving		0	7	0	0	0	7
Civilian RIFs (the remainder)		0	0	0	0	0	0

	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	0	0
Civilians Moving	0	0	0	0	0	0	0
New Civilians Hired	0	0	0	0	0	0	0
Other Civilian Additions	0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS	0	0	9	0	0	0	9
TOTAL CIVILIAN RIFs	0	0	7	0	0	0	7
TOTAL CIVILIAN PRIORITY PLACEMENTS#	0	0	6	0	0	0	6
TOTAL CIVILIAN NEW HIRES	0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 6/10
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)Rate 2006 2007 2008 2009 2010 2011 Total

CIVILIAN POSITIONS REALIGNING OUT				0	0	1,427	0	0	0	1,427
Early Retirement*	8.10%	0	0	116	0	0	0	0	116	
Regular Retirement*	1.67%	0	0	24	0	0	0	0	24	
Civilian Turnover*	9.16%	0	0	131	0	0	0	0	131	
Civs Not Moving (RIFs)*	6.00%	0	0	86	0	0	0	0	86	
Civilians Moving (the remainder)		0	0	1,070	0	0	0	0	1,070	
Civilian Positions Available		0	0	357	0	0	0	0	357	

CIVILIAN POSITIONS ELIMINATED				0	0	252	0	0	0	252
Early Retirement	8.10%	0	0	20	0	0	0	0	20	
Regular Retirement	1.67%	0	0	4	0	0	0	0	4	
Civilian Turnover	9.16%	0	0	23	0	0	0	0	23	
Civs Not Moving (RIFs)*	6.00%	0	0	15	0	0	0	0	15	
Priority Placement#	39.97%	0	0	101	0	0	0	0	101	
Civilians Available to Move		0	0	89	0	0	0	0	89	
Civilians Moving		0	0	89	0	0	0	0	89	
Civilian RIFs (the remainder)		0	0	0	0	0	0	0	0	

CIVILIAN POSITIONS REALIGNING IN				0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0	0	
New Civilians Hired		0	0	0	0	0	0	0	0	
Other Civilian Additions		0	0	0	0	0	0	0	0	

TOTAL CIVILIAN EARLY RETIRMENTS				0	0	136	0	0	0	136
TOTAL CIVILIAN RIFs				0	0	101	0	0	0	101
TOTAL CIVILIAN PRIORITY PLACEMENTS#				0	0	101	0	0	0	101
TOTAL CIVILIAN NEW HIRES				0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 7/10

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane

Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR

Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to

China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVWPNSTA SEAL BEACH, CA (N60701)Rate 2006 2007 2008 2009 2010 2011 Total

CIVILIAN POSITIONS REALIGNING OUT		0	0	20	0	0	0	20
Early Retirement*	8.10%	0	0	2	0	0	0	2
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	0	1	0	0	0	1
Civilians Moving (the remainder)		0	0	15	0	0	0	15
Civilian Positions Available		0	0	5	0	0	0	5

CIVILIAN POSITIONS ELIMINATED		0	0	4	0	0	0	4
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	2	0	0	0	2
Civilians Available to Move		0	0	2	0	0	0	2
Civilians Moving		0	0	2	0	0	0	2
Civilian RIFs (the remainder)		0	0	0	0	0	0	0

CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS		0	0	2	0	0	0	2
TOTAL CIVILIAN RIFs		0	0	1	0	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	2	0	0	0	2
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 8/10
 Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: WPNSTA YORKTOWN, VA (N69212)Rate 2006 2007 2008 2009 2010 2011 Total

CIVILIAN POSITIONS REALIGNING OUT		0	0	42	0	0	0	42
Early Retirement*	8.10%	0	0	3	0	0	0	3
Regular Retirement*	1.67%	0	0	1	0	0	0	1
Civilian Turnover*	9.16%	0	0	4	0	0	0	4
Civs Not Moving (RIFs)*	6.00%	0	0	3	0	0	0	3
Civilians Moving (the remainder)		0	0	31	0	0	0	31
Civilian Positions Available		0	0	11	0	0	0	11

CIVILIAN POSITIONS ELIMINATED		0	0	7	0	0	0	7
Early Retirement	8.10%	0	0	1	0	0	0	1
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	1	0	0	0	1
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	3	0	0	0	3
Civilians Available to Move		0	0	2	0	0	0	2
Civilians Moving		0	0	2	0	0	0	2
Civilian RIFs (the remainder)		0	0	0	0	0	0	0

CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS		0	0	4	0	0	0	4
TOTAL CIVILIAN RIFs		0	0	3	0	0	0	3
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	3	0	0	0	3
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 9/10

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
 Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
 Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
 Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
 China Lake PT 4
 Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: IF NSWC DAHLGREN, VA (NIF007)Rate 2006 2007 2008 2009 2010 2011 Total

		2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	147	0	0	0	147
Early Retirement*	8.10%	0	0	12	0	0	0	12
Regular Retirement*	1.67%	0	0	2	0	0	0	2
Civilian Turnover*	9.16%	0	0	13	0	0	0	13
Civs Not Moving (RIFs)*	6.00%	0	0	9	0	0	0	9
Civilians Moving (the remainder)		0	0	111	0	0	0	111
Civilian Positions Available		0	0	36	0	0	0	36

CIVILIAN POSITIONS ELIMINATED		0	0	26	0	0	0	26
Early Retirement	8.10%	0	0	2	0	0	0	2
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	2	0	0	0	2
Civs Not Moving (RIFs)*	6.00%	0	0	2	0	0	0	2
Priority Placement#	39.97%	0	0	10	0	0	0	10
Civilians Available to Move		0	0	10	0	0	0	10
Civilians Moving		0	0	10	0	0	0	10
Civilian RIFs (the remainder)		0	0	0	0	0	0	0

CIVILIAN POSITIONS REALIGNING IN		0	0	40	0	0	0	40
Civilians Moving		0	0	32	0	0	0	32
New Civilians Hired		0	0	8	0	0	0	8
Other Civilian Additions		0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS		0	0	14	0	0	0	14
TOTAL CIVILIAN RIFs		0	0	11	0	0	0	11
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	10	0	0	0	10
TOTAL CIVILIAN NEW HIRES		0	0	8	0	0	0	8

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 10/10
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)Rate 2006 2007 2008 2009 2010 2011 Total

CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0	0

CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0	0

CIVILIAN POSITIONS REALIGNING IN		0	0	1,961	0	0	0	1,961
Civilians Moving		0	0	1,594	0	0	0	1,594
New Civilians Hired		0	0	367	0	0	0	367
Other Civilian Additions		0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFs		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	367	0	0	0	367

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

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COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10) - Page 1/3
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAVSUPPACT CRANE, IN (N61018)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	66.67%		0	0.00%	0.00%	
2007	0	0.00%	33.33%		0	0.00%	0.00%	
2008	0	0.00%	0.00%		227	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	0	0.00%	100.00%		227	100.00%	100.00%	

Base: NAVBASE POINT LOMA, CA (N63406)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	66.67%		0	0.00%	0.00%	
2007	0	0.00%	33.33%		0	0.00%	0.00%	
2008	0	0.00%	0.00%		47	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	0	0.00%	100.00%		47	100.00%	100.00%	

Base: IF NSWCD IN HD, MD (NIF006)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	0.00%		0	0.00%	0.00%	
2007	0	0.00%	100.00%		0	0.00%	0.00%	
2008	42	100.00%	0.00%		94	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	42	100.00%	100.00%		94	100.00%	100.00%	

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COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10) - Page 2/3
Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG
Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4
Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: NAS PAX RIVER, MD (N0428A)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	66.67%		0	0.00%	0.00%	
2007	0	0.00%	33.33%		0	0.00%	0.00%	
2008	0	0.00%	0.00%		110	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	0	0.00%	100.00%		110	100.00%	100.00%	

Base: NAVBASE VENTURA CTY, CA (N69232)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	66.67%		0	0.00%	0.00%	
2007	0	0.00%	33.33%		0	0.00%	0.00%	
2008	0	0.00%	0.00%		1,899	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	0	0.00%	100.00%		1899	100.00%	100.00%	

Base: NAVWPNSTA SEAL BEACH, CA (N60701)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	66.67%		0	0.00%	0.00%	
2007	0	0.00%	33.33%		0	0.00%	0.00%	
2008	0	0.00%	0.00%		24	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	0	0.00%	100.00%		24	100.00%	100.00%	

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COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10) - Page 3/3

Data As Of 5/3/2005 11:10:54 AM, Report Created 5/3/2005 11:10:56 AM

Department : Technical JCSG

Scenario File : E:\Database\COBRA Database\TECH-0018\Tech 0018DR Final With Footnotes\610 Run No Pax No Crane
Second Try\J - TECH-0018DR COBRA Pax Out Crane out Input Final (6.10) NoCorona Amended Footnotes 05032005.CBR
Option Pkg Name: Relocate W&A RDAT&E to 3 primary and 2 speciality with weapons from PAX River and Pt. Mugu to
China Lake PT 4

Std Fctrs File : E:\Database\COBRA 6.10\BRAC2005.SFF

Base: WPNSTA YORKTOWN, VA (N69212)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	66.67%		0	0.00%	0.00%	
2007	0	0.00%	33.33%		0	0.00%	0.00%	
2008	0	0.00%	0.00%		49	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	0	0.00%	100.00%		49	100.00%	100.00%	

Base: IF NSWC DAHLGREN, VA (NIF007)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	0.00%		0	0.00%	0.00%	
2007	0	0.00%	100.00%		0	0.00%	0.00%	
2008	40	100.00%	0.00%		173	100.00%	100.00%	
2009	0	0.00%	0.00%		0	0.00%	0.00%	
2010	0	0.00%	0.00%		0	0.00%	0.00%	
2011	0	0.00%	0.00%		0	0.00%	0.00%	
TOTALS	40	100.00%	100.00%		173	100.00%	100.00%	

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

Year	Pers Moved In/Added			MilCon TimePhase	Pers Moved Out/Eliminated			ShutDn TimePhase
	Total	Percent	TimePhase		Total	Percent	TimePhase	
2006	0	0.00%	0.00%		0	0.00%	16.67%	
2007	0	0.00%	100.00%		0	0.00%	16.67%	
2008	2,148	100.00%	0.00%		0	0.00%	16.67%	
2009	0	0.00%	0.00%		0	0.00%	16.67%	
2010	0	0.00%	0.00%		0	0.00%	16.67%	
2011	0	0.00%	0.00%		0	0.00%	16.67%	
TOTALS	2148	100.00%	100.00%		0	0.00%	100.00%	

TAB I

**FINAL COBRA REPORT
FOR
RELOCATE ELECTRONICS,
ELECTRONIC WARFARE, AND
ELECTRONICS RDAT&E
FROM
POINT MUGU
TO
CHINA LAKE**

I

Page 1 of 37

COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10) 04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006

Final Year : 2009

Payback Year : 2021 (12 Years)

NPV in 2025(\$K): -16,888

1-Time Cost(\$K): 72,699

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	315	0	3,500	0	0	0	3,815	0
Person	0	0	0	-304	-2,158	-2,158	-4,620	-2,158
Overhd	301	-1,849	-3,411	-4,488	-4,570	-4,570	-18,586	-4,570
Moving	405	3	1	19,564	0	0	19,973	0
Missio	1,000	1,000	4,000	0	0	0	6,000	0
Other	16,730	17,914	6,037	3,594	7	7	44,290	2
TOTAL	18,752	17,067	10,127	18,367	-6,721	-6,721	50,871	-6,726

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0						

	2006	2007	2008	2009	2010	2011	Total
POSITIONS REALIGNED							
Off	0	0	0	4	0	0	4
Enl	0	0	0	7	0	0	7
Stu	0	0	0	0	0	0	0
Civ	0	0	0	368	0	0	368
TOT	0	0	0	379	0	0	379

Summary:

Realign Naval Air Warfare Center, Weapons Division, Pt. Mugu, CA. Relocate the Sensors, Electronic Warfare (EW), and Electronics Research, Development, Acquisition, Test & Evaluation (RDAT&E) functions to Naval Air Warfare Center, Weapons Division, China Lake, CA.

Point Mugu provides a wide range of synergistic EW support to TACAIR platforms, threat simulation, and intelligence/sensor engineering for Navy, USMC, Air Force, and FMS customers. This action would most likely result in the loss of significant electronic warfare intellectual capital that could not be replaced. EW currently shares resources and processes to improve integration efficiency and to reduce duplicative efforts. Point Mugu has worldwide recognition as the leader in EW development, test, evaluation, and in-service engineering, with 15 years per person average EA-6B, AEA, TACAIR EW, and Threat Analysis engineering experience. Over 4500 work-years of EW specialized experience exist at this site. The Point Mugu EA-6B Weapons System Support Laboratory provides real-time operational support to the Fleet during times of war. This capability must be maintained at 24/7/365. When a crisis occurs in the world, EWDS Lab (Threat Sensor Engineering team), Mission Planning laboratory, and the Systems Engineering laboratories are required to urgently respond to the Fleet needs. Example of recent Fleet support, (1) pushed reprogrammed User Data Files (UDF) to deployed squadrons on 9/11/2001, (2) 31,900 data requests (sample from June 03 to June 04) with 100% responded in less than 24 hour response time to deployed squadrons. Reference #DON026: If we move the EA-6B laboratories to another location, a recurring cost to maintain existing laboratories will exist at Point Mugu to support the EA-6B Prime contractor on-going software development activities. Until this contract expires, the government is obligated to provide this facility. Recurring cost of \$1900K per year until lab can be relocated. Item 40 in receiving submittal includes \$480K of shuttle annual

savings through contract restructure that cannot be achieved as a result of this action.

China Lake Response: Portions of the information provided in the Donor and Gainer's response to TECH 0054 are the result of a cooperative effort between Point Mugu and China Lake personnel. This represents the minimum risk approach to ensuring 24/7 response capability at the current levels with significant overlap in capability during the transition. Under this plan, the 24/7 response capability would be in place at China Lake in 18 months for the EA-6B laboratory and 24 months for the Electronic Combat Systems Evaluation Laboratory (ECSEL) with no breaks in service. An alternative approach that is not reflected in the above

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response was also explored which would rely more heavily on transferring existing equipment from Point Mugu and would reduce the cost of purchasing new equipment by approximately \$20 million. This approach would necessitate shutting down the 24/7-response capability for approximately 3 months. While there are partial workarounds that would require an increased reliance on flight testing during this shutdown period, the ability to support urgent Fleet needs would be high risk. Regardless of which approach is selected, the movement of Sensors/EW/Electronics RDAT&E functions from Pt. Mugu to China Lake ultimately strengthens the synergy between these functions and the existing Electronic Combat Range and other integration laboratories already at China Lake.

Certified Source Data

1. TECH-0054 Response from DON, 11 Jan 2005.xls
2. TJCSG minutes 13 Jan 2005

Data Standards - Source 2

A. Start Dates

- 1) For moves requiring no renovation or new office space 2006
- 2) For moves requiring Office Space move in 2008
- 3) For moves requiring Lab Space move in 2009

B. MILCON

- 1) For purposes of COBRA, assume 160 Gross Square Feet (DOD Standard) for Office Space (FAC 6100)
- 2) For S&T organizations requiring MILCON, absent a detailed breakout of equipment and facilities, use 150 Gross Square feet per person (this from the NAVFAC guide for Laboratories).
- 3) For SCIFS the FAC code is 1404. For purposes of housing people is SCIFS (when they are reported as separate and additional facilities), We want to assume 1 person per 1000 square feet will use that space as an office. That person should be removed from the other portion of the building.
- 4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel: $160 * \text{reassigned personnel} + 150 * \text{research FTEs being reassigned}$. If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square feet, the phrase *insufficient milcon* is displayed in the comments. Similarly, if the space being constructed, renovated or available at the receiving base exceeds the needed space, the phrase *excessive milcon* is displayed in the comments.

C. Addition Network/IT Costs

- 1) COBRA allows \$1200 per person for a single network. Use \$1200 person for an addition networks (S,TS).

D. Additional savings

- 1) If leased space has not had an AT/FP upgrade, HAS is assuming a one-time savings of \$28.28 per gross square foot in NCR. This means that if we move out of a leased space in the DC area that has not been upgraded we can take that as a savings.

E. Personnel Reductions

- 1) Subgroups can apply a 15% reduction against all government personnel moved.
- 2) There are three types of organizations at the receiving site:
Consolidated
Joint
Co-Located
- 3) Subgroups can use their best judgment on the personnel reductions possible in all three, but it would seem that Consolidated has the best opportunities for reductions in P&T, with Joint slightly less and Co-Located the least potential for reduction.

F. Contractor Reductions

- 1) Subgroups can apply a 15% reduction against all contractor personnel.
- 2) Show a \$200K Misc. Recurring Savings for each contractor eliminated.

G. Decontamination Costs

- 1) No decon costs allowed if the affected base is not closed.

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COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 2/2

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	315	0	3,500	0	0	0	3,815	0
Person	0	0	0	1,854	0	0	1,854	0
Overhd	301	226	170	1,233	1,151	1,151	4,233	1,151
Moving	405	3	1	19,592	0	0	20,001	0
Missio	1,000	1,000	4,000	0	0	0	6,000	0
Other	18,530	17,914	6,037	3,594	7	7	46,090	2
TOTAL	20,552	19,142	13,708	26,274	1,158	1,158	81,993	1,153

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	2,158	2,158	2,158	6,474	2,158
Overhd	0	2,075	3,580	5,721	5,721	5,721	22,819	5,721
Moving	0	0	0	28	0	0	28	0
Missio	0	0	0	0	0	0	0	0
Other	1,800	0	0	0	0	0	1,800	0
TOTAL	1,800	2,075	3,580	7,907	7,879	7,879	31,121	7,879

TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/3
 Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG
 Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\Realign\J - TECH-0054 COBRA Input Final (6.10)
 04292005.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,815,185	
Total - Construction		3,815,185
Personnel		
Civilian RIF	1,366,948	
Civilian Early Retirement	389,345	
Eliminated Military PCS	0	
Unemployment	97,922	
Total - Personnel		1,854,215
Overhead		
Program Management Cost	824,527	
Support Contract Termination	0	
Mothball / Shutdown	120,150	
Total - Overhead		944,677
Moving		
Civilian Moving	11,312,802	
Civilian PPP	0	
Military Moving	25,849	
Freight	212,022	
Information Technologies	462,400	
One-Time Moving Costs	7,987,600	
Total - Moving		20,000,674
Other		
HAP / RSE	1,981,871	
Environmental Mitigation Costs	38,600	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	44,064,200	
Total - Other		46,084,671
Total One-Time Costs		72,699,421
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	27,941	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings	1,800,000	
Total One-Time Savings		1,827,941
Total Net One-Time Costs		70,871,480

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COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 2/3

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\Realign\J - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	1,366,948	
Civilian Early Retirement	389,345	
Eliminated Military PCS	0	
Unemployment	97,922	
Total - Personnel		1,854,215
Overhead		
Program Management Cost	824,527	
Support Contract Termination	0	
Mothball / Shutdown	120,150	
Total - Overhead		944,677
Moving		
Civilian Moving	11,312,802	
Civilian PPP	0	
Military Moving	25,849	
Freight	212,022	
Information Technologies	57,400	
One-Time Moving Costs	7,987,600	
Total - Moving		19,595,674
Other		
HAP / RSE	1,981,871	
Environmental Mitigation Costs	5,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	43,940,300	
Total - Other		45,927,171
Total One-Time Costs		68,321,736
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	27,941	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings		0
Total One-Time Savings		27,941
Total Net One-Time Costs		68,293,795

COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 3/3

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

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Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)

04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	3,815,185	
Total - Construction		3,815,185
Personnel		
Civilian RIF	0	
Civilian Early Retirement		0
Eliminated Military PCS		0
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost		0
Support Contract Termination		0
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	405,000	
One-Time Moving Costs	0	
Total - Moving		405,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	33,600	
Mission Contract Startup and Termination		0
One-Time Unique Costs	123,900	
Total - Other		157,500
Total One-Time Costs		4,377,685
One-Time Savings		
Military Construction Cost Avoidances		0
Military Moving	0	
One-Time Moving Savings		0
Environmental Mitigation Savings		0
One-Time Unique Savings	1,800,000	
Total One-Time Savings		1,800,000
Total Net One-Time Costs		2,577,685

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDATE&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
641	5,964	493	9,374

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-7	1	0	23	17
Enlisted	0	-2	-4	2	0	50	46
Students	-2	0	0	0	0	0	-2
Civilians	-27	-7	-5	0	0	1	-38
TOTAL	-29	-9	-16	3	0	74	23

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
658	6,010	491	9,336

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	4	0	0	4
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	368	0	0	368
TOTAL	0	0	0	379	0	0	379

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
658	6,010	491	9,336

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 2

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10) 04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: NAVBASE VENTURA CTY, CA (N69232)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
495	5,130	343	5,873

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	-7	1	0	23	17
Enlisted	0	-2	-4	2	0	50	46
Students	-2	0	0	0	0	0	-2
Civilians	-27	-7	-5	0	0	1	-38
TOTAL	-29	-9	-16	3	0	74	23

BASE POPULATION (Prior to BRAC Action) FOR: NAVBASE VENTURA CTY, CA (N69232)

Officers	Enlisted	Students	Civilians
512	5,176	341	5,835

PERSONNEL REALIGNMENTS:

To Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	4	0	0	4
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	368	0	0	368
TOTAL	0	0	0	379	0	0	379

TOTAL PERSONNEL REALIGNMENTS (Out of NAVBASE VENTURA CTY, CA (N69232)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	4	0	0	4
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	368	0	0	368
TOTAL	0	0	0	379	0	0	379

BASE POPULATION (After BRAC Action) FOR: NAVBASE VENTURA CTY, CA (N69232)

Officers	Enlisted	Students	Civilians
508	5,169	341	5,467

PERSONNEL SUMMARY FOR: NAVAIRWPNSTA CHNA LK, CA (N47609)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: NAVAIRWPNSTA CHNA LK, CA (N47609)

Officers	Enlisted	Students	Civilians
146	834	150	3,501

PERSONNEL REALIGNMENTS:

From Base: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	4	0	0	4
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0

Civilians	0	0	0	368	0	0	368
TOTAL	0	0	0	379	0	0	379

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COBRA PERSONNEL SUMMARY REPORT (COBRA v6.10) - Page 3

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10) 04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

TOTAL PERSONNEL REALIGNMENTS (Into NAVAIRWPNSTA CHNA LK, CA (N47609)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	4	0	0	4
Enlisted	0	0	0	7	0	0	7
Students	0	0	0	0	0	0	0
Civilians	0	0	0	368	0	0	368
TOTAL	0	0	0	379	0	0	379

BASE POPULATION (After BRAC Action) FOR: NAVAIRWPNSTA CHNA LK, CA (N47609)

Officers	Enlisted	Students	Civilians
150	841	150	3,869

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COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)

04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	11	0	0	11
NET CHANGE-Mil	0	0	0	-11	0	0	-11
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	368	0	0	368
NET CHANGE-Civ	0	0	0	-368	0	0	-368
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	11	0	0	11
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	11	0	0	11
Jobs Gained-Civ	0	0	0	368	0	0	368
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	368	0	0	368
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

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SCENARIO ERROR REPORT (COBRA v6.10)

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDA T&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:

"Technical JCSG" is not a recognized Department.

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COBRA INPUT DATA REPORT (COBRA v6.10)

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG
 Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
 04292005.CBR
 Option Pkg Name: Navy C4ISR RDATA&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006
 Model does Time-Phasing of Construction/Shutdown: Yes

Base Name, ST (Code) Strategy:
 NAVBASE VENTURA CTY, CA (N69232) Realignment
 NAVAIRWPNSTA CHNA LK, CA (N47609) Realignment

INPUT SCREEN TWO - DISTANCE TABLE
 (Only shows distances where personnel or equipment are moving)

Point A: Point B: Distance:
 NAVBASE VENTURA CTY, CA (N69232) NAVAIRWPNSTA CHNA LK, CA (N47609) 182 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from NAVBASE VENTURA CTY, CA (N69232) to NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	4	0	0
Enlisted Positions:	0	0	0	7	0	0
Civilian Positions:	0	0	0	368	0	0
Student Positions:	0	0	0	0	0	0
NonVeh Missn Eqpt(tons):	0	0	0	327	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	6	2	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVBASE VENTURA CTY, CA (N69232)

Total Officer Employees: 495 Base Service (for BOS/Sust): Navy
 Total Enlisted Employees: 5,130 Total Sustainment(\$K/Year): 43,577
 Total Student Employees: 343 Sustain Payroll (\$K/Year): 9,050
 Total Civilian Employees: 5,873 BOS Non-Payroll (\$K/Year): 40,396
 Accom Mil not Receiving BAH: 45.5% BOS Payroll (\$K/Year): 53,813
 Officer Housing Units Avail: 8 Family Housing (\$K/Year): 16,802
 Enlisted Housing Units Avail: 46 Installation PRV(\$K): 2,854,942
 Starting Facilities(KSF): 11,346 Svc/Agcy Recap Rate (Years): 114
 Officer BAH (\$/Month): 2,010 Homeowner Assistance Program: Yes
 Enlisted BAH (\$/Month): 1,391
 Civ Locality Pay Factor: 1.201 TRICARE In-Pat Out-Pat
 Area Cost Factor: 1.14 Admits Visits Prescrip
 Per Diem Rate (\$/Day): 157 CostFactor 7,960.00 108.00 41.54
 Freight Cost (\$/Ton/Mile): 0.14 Actv MTF 0 13,962 9,481
 Vehicle Cost (\$/Lift/Mile): 4.84 Actv Purch 291 10,500
 Latitude: 34.123430 Retiree 0 2,346 405
 Longitude: -119.099310 Retiree65+ 0 359 121

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 2

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

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 04292005.CBR
 Option Pkg Name: Navy C4ISR RDATA&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: NAVAIRWPNSTA CHNA LK, CA (N47609)

Total Officer Employees: 146 Base Service (for BOS/Sust): Navy
 Total Enlisted Employees: 834 Total Sustainment(\$K/Year): 18,707
 Total Student Employees: 150 Sustain Payroll (\$K/Year): 8,917
 Total Civilian Employees: 3,501 BOS Non-Payroll (\$K/Year): 28,071
 Accompl Mil not Receiving BAH: 37.9% BOS Payroll (\$K/Year): 29,337
 Officer Housing Units Avail: 3 Family Housing (\$K/Year): 2,022
 Enlisted Housing Units Avail: 8 Installation PRV(\$K): 1,355,534
 Starting Facilities(KSF): 3,009 Svc/Agcy Recap Rate (Years): 114
 Officer BAH (\$/Month): 1,036 Homeowner Assistance Program: Yes
 Enlisted BAH (\$/Month): 762
 Civ Locality Pay Factor: 1.109 TRICARE In-Pat Out-Pat
 Area Cost Factor: 1.27 Admits Visits Prescrip
 Per Diem Rate (\$/Day): 157 CostFactor 6,273.00 102.00 39.32
 Freight Cost (\$/Ton/Mile): 0.31 Actv MTF 0 9,942 10,706
 Vehicle Cost (\$/Lift/Mile): 4.84 Actv Purch 229 10,091
 Latitude: 35.631380 Retiree 0 5,002 12,296
 Longitude: -117.679730 Retiree65+ 0 1,079 10,184

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAVBASE VENTURA CTY, CA (N69232)
 2006 2007 2008 2009 2010 2011

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	18,401	17,908	6,032	1,600	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	7,988	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	5	0	0
Activ Mission Cost (\$K):	1,000	1,000	4,000	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	165	330	330
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		267	FH ShDn: 0.000%		

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 3

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG
 Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\Realign\J - TECH-0054 COBRA Input Final (6.10)
 04292005.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: NAVAIRWPNSTA CHNA LK, CA (N47609)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	124	0	0	0	0	0
1-Time Unique Save (\$K):	1,800	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	6	6	6	6	6	6
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	34	34	34
Misc Recurring Save(\$K):	0	2,075	3,580	3,580	3,580	3,580
One-Time IT Costs (\$K):	405	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		0 FH ShDn: 0.000%			

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: NAVBASE VENTURA CTY, CA (N69232)

	2006	2007	2008	2009	2010	2011
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	0	0	-7	1	0	23
Enl Prog nonBRAC Change:	0	-2	-4	2	0	50
Civ Prog nonBRAC Change:	-27	-7	-5	0	0	1
Stu Prog nonBRAC Change:	-2	0	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: NAVAIRWPNSTA CHNA LK, CA (N47609)

FAC UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
3171 SF	0	22,000 Amber	0	193.57	2.72
6101 SF	0	11,300 Amber	0	151.95	3.83
3111 SF	0	6,000 Red	0	193.57	2.41

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 4

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

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04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

Perc Officers Accompanied: 72.00% Priority Placement Program: 39.97%
 Perc Enlisted Accompanied: 55.00% PPP Actions Involving PCS: 50.70%
 Officer Salary(\$/Year): 124,971.93 Civilian PCS Costs (\$): 35,496.00
 Enlisted Salary(\$/Year): 82,399.09 Home Sale Reimburse Rate: 10.00%
 Civilian Salary(\$/Year): 59,959.18 Max Home Sale Reimburs(\$): 50,000.00
 Avg Unemploy Cost(\$/Week): 272.90 Home Purch Reimburse Rate: 5.00%
 Unemployment Eligibility(Weeks): 16 Max Home Purch Reimburs(\$): 25,000.00
 Civilians Not Willing To Move: 6.00% Civilian Homeowning Rate: 68.40%
 Civilian Turnover Rate: 9.16% HAP Home Value Reimburse Rate: 13.46%
 Civilian Early Retire Rate: 8.10% HAP Homeowner Receiving Rate: 18.44%
 Civilian Regular Retire Rate: 1.67% RSE Home Value Reimburse Rate: 0.00%
 Civilian RIF Pay Factor: 86.32% RSE Homeowner Receiving Rate: 0.00%
 Civ Early Retire Pay Factor: 18.03%

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
--	------	------	-----------	---------

Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF):	0.74	
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate:	5.00%	
Mothball (Deac/Realn) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (Red):	64.00%	MilCon SIOH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	2.80%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (Lb): 710 Storage-In-Transit (\$/Pers): 373.76
 HHG Per Off Accomp (Lb): 15,290.00 POV Reimburse(\$/Mile): 0.20
 HHG Per Enl Accomp (Lb): 9,204.00 Air Transport (\$/Pass Mile): 0.20
 HHG Per Off Unaccomp (Lb): 13,712.00 IT Connect (\$/Person): 200.00
 HHG Per Enl Unaccomp (Lb): 6,960.00 Misc Exp(\$/Direct Employee): 1,000.00
 HHG Per Civilian (Lb): 18,000.00 Avg Mil Tour Length (Months): 30.02
 Total HHG Cost (\$/100Lb): 8.78 One-Time Off PCS Cost(\$): 10,477.58
 Equip Pack & Crate(\$/Ton): 180.67 One-Time Enl PCS Cost(\$): 3,998.52

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 5

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\Realign\J - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

Realign Naval Air Warfare Center, Weapons Division, Pt. Mugu, CA. Relocate the Sensors, Electronic Warfare (EW), and Electronics Research, Development, Acquisition, Test & Evaluation (RDAT&E) functions to Naval Air Warfare Center, Weapons Division, China Lake, CA.

Point Mugu provides a wide range of synergistic EW support to TACAIR platforms, threat simulation, and intelligence/sensor engineering for Navy, USMC, Air Force, and FMS customers. This action would most likely result in the loss of significant electronic warfare intellectual capital that could not be replaced. EW currently shares resources and processes to improve integration efficiency and to reduce duplicative efforts. Point Mugu has worldwide recognition as the leader in EW development, test, evaluation, and in-service engineering, with 15 years per person average EA-6B, AEA, TACAIR EW, and Threat Analysis engineering experience. Over 4500 work-years of EW specialized experience exist at this site. The Point Mugu EA-6B Weapons System Support Laboratory provides real-time operational support to the Fleet during times of war. This capability must be maintained at 24/7/365. When a crisis occurs in the world, EWDS Lab (Threat Sensor Engineering team), Mission Planning laboratory, and the Systems Engineering laboratories are required to urgently respond to the Fleet needs. Example of recent Fleet support, (1) pushed reprogrammed User Data Files (UDF) to deployed squadrons on 9/11/2001, (2) 31,900 data requests (sample from June 03 to June 04) with 100% responded in less than 24 hour response time to deployed squadrons. Reference #DON026: If we move the EA-6B laboratories to another location, a recurring cost to maintain existing laboratories will exist at Point Mugu to support the EA-6B Prime contractor on-going software development activities. Until this contract expires, the government is obligated to provide this facility. Recurring cost of \$1900K per year until lab can be relocated. Item 40 in receiving submittal includes \$480K of shuttle annual savings through contract restructure that cannot be achieved as a result of this action.

China Lake Response: Portions of the information provided in the Donor and Gainer's response to TECH 0054 are the result of a cooperative effort between Point Mugu and China Lake personnel. This represents the minimum risk approach to ensuring 24/7 response capability at the current levels with significant overlap in capability during the transition. Under this plan, the 24/7 response capability would be in place at China Lake in 18 months for the EA-6B laboratory and 24 months for the Electronic Combat Systems Evaluation Laboratory (ECSEL) with no breaks in service. An alternative approach that is not reflected in the above response was also explored which would rely more heavily on transferring existing equipment from Point Mugu and would reduce the cost of purchasing new equipment by approximately \$20 million. This approach would necessitate shutting down the 24/7-response capability for approximately 3 months. While there are partial workarounds that would require an increased reliance on flight testing during this shutdown period, the ability to support urgent Fleet needs would be high risk. Regardless of which approach is selected, the movement of Sensors/EW/Electronics RDAT&E functions from Pt. Mugu to China Lake ultimately strengthens the synergy between these functions and the existing Electronic Combat Range and other integration laboratories already at China Lake.

Certified Source Data

1. TECH-0054 Response from DON, 11 Jan 2005.xls
2. TJCSG minutes 13 Jan 2005

Data Standards - Source 2

A. Start Dates

- 1) For moves requiring no renovation or new office space 2006
- 2) For moves requiring Office Space move in 2008
- 3) For moves requiring Lab Space move in 2009

B. MILCON

- 1) For purposes of COBRA, assume 160 Gross Square Feet (DOD Standard) for Office Space (FAC 6100)
- 2) For S&T organizations requiring MILCON, absent a detailed breakout of equipment and facilities, use 150 Gross Square feet per person (this from the NAVFAC guide for Laboratories).

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 6

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3) For SCIFS the FAC code is 1404. For purposes of housing people is SCIFS (when they are reported as separate and additional facilities), We want to assume 1 person per 1000 square feet will use that space as an office. That person should be removed from the other portion of the building.

4) The following calculation is performed to determine whether there is sufficient space to accept donor base personnel: $160 * \text{reassigned personnel} + 150 * \text{research FTEs being reassigned}$. If this figure exceeds the space being constructed, renovated or available at the receiving base by 50,000 square feet, the phrase insufficient milcon is displayed in the comments. Similarly, if the space being constructed, renovated or available at the receiving base exceeds the needed space, the phrase excessive milcon is displayed in the comments.

C. Addition Network/IT Costs

1) COBRA allows \$1200 per person for a single network. Use \$1200 person for an addition networks (S,TS).

D. Additional savings

1) If leased space has not had an AT/FP upgrade, HAS is assuming a one-time savings of \$28.28 per gross square foot in NCR. This means that if we move out of a leased space in the DC area that has not been upgraded we can take that as a savings.

E. Personnel Reductions

1) Subgroups can apply a 15% reduction against all government personnel moved.

2) There are three types of organizations at the receiving site:

Consolidated

Joint

Co-Located

3) Subgroups can use their best judgment on the personnel reductions possible in all three, but it would seem that Consolidated has the best opportunities for reductions in P&T, with Joint slightly less and Co-Located the least potential for reduction.

F. Contractor Reductions

1) Subgroups can apply a 15% reduction against all contractor personnel.

2) Show a \$200K Misc. Recurring Savings for each contractor eliminated.

G. Decontamination Costs

1) No decon costs allowed if the affected base is not closed.

FOOTNOTES FOR SCREEN THREE

NBVC

Personnel source file 1.

EA-6B Project Officers move when lab is ready in FY07

TERPES enlisted personnel move when lab is ready in FY07

Personnel move in FY07 after facility rehab is complete except for EA-6B personnel move in phases as labs come on line over FY06-FY09

Tonnage for non-vehicle mission Equipment and light vehicles required for the mission being moved.

Detailed listing provided by source file 1.

Standard Assumptions were not developed by the TJCSG at the time of this run. The Scenario was reviewed and approved by TJCSG independently with no reductions required.

FOOTNOTES FOR SCREEN FIVE

NBVC

One time Unique Costs:

Source File 1. Identifies Costs for lost labor due to move and costs for a temporary standup of mission capability to prevent downtime of Fleet support during the move. Procurement of new lab equipment due to

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 7

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04292005.CBR

Option Pkg Name: Navy C4ISR RDATA&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

2-3 refresh rate. Details in Source file 1.

One Time Moving Costs:

Source File 1. Identifies Special packing, re-calibration, assembly and disassembly of equipment.

Activity Mission Costs:

Source File 1. Identifies the additional costs attributed to required alternative tests and operations due to downtime of simulation equipment during the move. Details in Source file 1.

Misc Recurring Costs:

Source File 1. Identifies additional officer billets to compensate for dual rolled positions that would be moved.

Details in Source file 1.

Navy Criteria 8 input \$5K Environment Mitigation Costs.

NAWC China Lake**One Time Unique Costs:**

Source File 1. Identifies Costs to prepare site for incoming personnel and equipment. Details in Source file 1.

One Time Unique Savings:

Source File 1. Identifies Consolidating the EW efforts from Pt. Mugu will result in the EA-18G Program not having to purchase Threat Generator Details in Source file 1.

ENV Non-Milcon Req:

Source File 1. Identifies Solid Waste Management for increase in personnel over 6 years. Details in Source file 1.

Added \$33.6 K in Misc. Recurring Costs for solid waste management from Environmental Assessment (USN Criteria 8 response)

Misc. Recurring Savings

Source File 1. Identifies savings attributed to a calculated payroll savings for reduced Technical and Admin personnel. Justification is an un-itemized value. Details in Source file 1.

One Time It Costs

Source File 1. Identifies Network Improvements. Details in Source file 1.

FOOTNOTES FOR SCREEN SEVEN**NAWC CHINA Lake**

Located sufficient existing lab space with a remaining 22,000 sf. to be rehabed.

Located existing space of which only 11,300 requires rehab.

Rehab required for EW Integrated Support Station (Ironcrow)

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COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

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04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base	Personnel		Change	%Change
	Start*	Finish*		
NAVBASE VENTURA CTY	11,864	11,485	-379	-3%
NAVAIRWPNSTA CHNA LK	4,631	5,010	379	8%
TOTAL	16,495	16,495	0	0%

Base	Square Footage		Change	%Change	Chg/Per
	Start	Finish			
NAVBASE VENTURA CTY	11,346,558	11,079,558	-267,000	-2%	704
NAVAIRWPNSTA CHNA LK	3,008,631	3,008,631	0	0%	0
TOTAL	14,355,189	14,088,189	-267,000	-2%	0

Base	Base Operations Support (2005\$)		Change	%Change	Chg/Per
	Start*	Finish*			
NAVBASE VENTURA CTY	40,441,172	39,702,263	-738,910	-2%	1,950
NAVAIRWPNSTA CHNA LK	28,071,089	28,858,575	787,486	3%	2,078
TOTAL	68,512,261	68,560,838	48,577	0%	0

Base	Sustainment (2005\$)		Change	%Change	Chg/Per
	Start	Finish			
NAVBASE VENTURA CTY	34,527,765	33,715,279	-812,485	-2%	2,144
NAVAIRWPNSTA CHNA LK	9,789,519	9,789,519	0	0%	0
TOTAL	44,317,284	43,504,798	-812,485	-2%	0

Base	Recapitalization (2005\$)		Change	%Change	Chg/Per
	Start	Finish			
NAVBASE VENTURA CTY	25,043,352	24,454,048	-589,304	-2%	1,555
NAVAIRWPNSTA CHNA LK	11,890,648	11,890,648	0	0%	0
TOTAL	36,934,001	36,344,696	-589,304	-2%	0

Base	Sustain + Recap + BOS (2005\$)		Change	%Change	Chg/Per
	Start	Finish			
NAVBASE VENTURA CTY	100,012,290	97,871,591	-2,140,699	-2%	5,648
NAVAIRWPNSTA CHNA LK	49,751,256	50,538,743	787,486	2%	2,078
TOTAL	149,763,546	148,410,333	-1,353,213	-1%	0

Base	Plant Replacement Value (2005\$)		Change	%Change	Chg/Per
	Start	Finish			
NAVBASE VENTURA CTY	2,854,942,193	2,787,761,506	-67,180,687	-2%	177,258
NAVAIRWPNSTA CHNA LK	1,355,533,888	1,355,533,888	0	0%	0
TOTAL	4,210,476,081	4,143,295,394	-67,180,687	-2%	0

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COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10) - Page 2
Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG
Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
04292005.CBR
Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

* "Start" and "Finish" values for Personnel and BOS both include the Programmed
Installation Population (non-BRAC) Changes, so that only changes attributable
to the BRAC action are reflected in the "Change" columns of this report.

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TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/9

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)

04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----(SK)----	---	---	---	---	---	---	
CONSTRUCTION							
MILCON	315	0	3,500	0	0	0	3,815
O&M							
CIV SALARY							
Civ RIF	0	0	0	1,367	0	0	1,367
Civ Retire	0	0	0	389	0	0	389
CIV MOVING							
Per Diem	0	0	0	1,322	0	0	1,322
POV Miles	0	0	0	10	0	0	10
Home Purch	0	0	0	5,980	0	0	5,980
HHG	0	0	0	576	0	0	576
Misc	0	0	0	276	0	0	276
House Hunt	0	0	0	798	0	0	798
PPP	0	0	0	0	0	0	0
RITA	0	0	0	2,348	0	0	2,348
FREIGHT							
Packing	0	0	0	18	0	0	18
Freight	0	0	0	191	0	0	191
Vehicles	0	3	1	0	0	0	3
Unemployment	0	0	0	98	0	0	98
OTHER							
Info Tech	405	0	0	57	0	0	462
Prog Manage	301	226	170	127	0	0	824
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	120	0	0	120
1-Time Move	0	0	0	7,988	0	0	7,988
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	1	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	13	0	0	13
Misc	0	0	0	11	0	0	11
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	1,982	0	0	1,982
Environmental	6	6	6	11	6	6	39
Misn Contract	0	0	0	0	0	0	0
1-Time Other	18,524	17,908	6,032	1,600	0	0	44,064
TOTAL ONE-TIME	19,552	18,142	9,708	25,286	6	6	72,699

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TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 2/9

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\Realign\J - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	787	787	787	2,362	787	
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	2	2	2	5	2	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	1,000	1,000	4,000	0	0	0	6,000	0
Misc Recur	0	0	199	364	364	926	364	
TOTAL RECUR	1,000	1,000	4,000	988	1,153	1,153	9,293	1,153
TOTAL COST	20,552	19,142	13,708	26,274	1,158	1,158	81,993	1,153

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	
O&M							
1-Time Move	0	0	0	0	0	0	
MIL PERSONNEL							
Mil Moving	0	0	28	0	0	28	
OTHER							
Environmental	0	0	0	0	0	0	
1-Time Other	1,800	0	0	0	0	1,800	
TOTAL ONE-TIME	1,800	0	0	28	0	0	1,828

RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	812	812	812	2,437	812	
Recap	0	0	589	589	589	1,768	589	
BOS	0	0	739	739	739	2,217	739	
Civ Salary	0	0	2,019	2,019	2,019	6,057	2,019	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	139	139	139	417	139	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	2,075	3,580	3,580	3,580	16,397	3,580	
TOTAL RECUR	0	2,075	3,580	7,879	7,879	7,879	29,294	7,879
TOTAL SAVINGS	1,800	2,075	3,580	7,907	7,879	7,879	31,121	7,879

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TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 3/9
 Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG
 Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignV - TECH-0054 COBRA Input Final (6.10)
 04292005.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	---	---	---	---	---	---	---	
CONSTRUCTION								
MILCON	315	0	3,500	0	0	0	3,815	
O&M								
Civ Retir/RIF	0	0	0	1,756	0	0	1,756	
Civ Moving	0	3	1	11,521	0	0	11,525	
Info Tech	405	0	0	57	0	0	462	
Other	301	226	170	8,333	0	0	9,030	
MIL PERSONNEL								
Mil Moving	0	0	0	-2	0	0	-2	
OTHER								
HAP / RSE	0	0	0	1,982	0	0	1,982	
Environmental	6	6	6	11	6	6	39	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	16,724	17,908	6,032	1,600	0	0	42,264	
TOTAL ONE-TIME	17,752	18,142	9,708	25,258	6	6	70,833	
RECURRING NET								
----(\$K)----	---	---	---	---	---	---	---	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-812	-812	-812	-2,437	-812
Recap	0	0	0	-589	-589	-589	-1,768	-589
BOS	0	0	0	48	48	48	146	48
Civ Salary	0	0	0	-2,019	-2,019	-2,019	-6,057	-2,019
TRICARE	0	0	0	2	2	2	5	2
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	-139	-139	-139	-417	-139
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	1,000	1,000	4,000	0	0	0	6,000	0
Misc Recur	0	-2,075	-3,580	-3,382	-3,217	-3,217	-15,471	-3,217
TOTAL RECUR	1,000	-1,075	419	-6,891	-6,726	-6,726	-20,000	-6,726
TOTAL NET COST	18,752	17,067	10,127	18,367	-6,721	-6,721	50,871	-6,726

COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 4/9
 Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG
 Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
 04292005.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	1,367	0	0	0	1,367
Civ Retire	0	0	389	0	0	0	389
CIV MOVING							
Per Diem	0	0	1,322	0	0	0	1,322
POV Miles	0	0	10	0	0	0	10
Home Purch	0	0	5,980	0	0	0	5,980
HHG	0	0	576	0	0	0	576
Misc	0	0	276	0	0	0	276
House Hunt	0	0	798	0	0	0	798
PPP	0	0	0	0	0	0	0
RITA	0	0	2,348	0	0	0	2,348
FREIGHT							
Packing	0	0	18	0	0	0	18
Freight	0	0	191	0	0	0	191
Vehicles	0	3	1	0	0	0	3
Unemployment	0	0	98	0	0	0	98
OTHER							
Info Tech	0	0	57	0	0	0	57
Prog Manage	301	226	170	127	0	0	824
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	120	0	0	0	120
1-Time Move	0	0	7,988	0	0	0	7,988
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	1	0	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	0	0	13	0	0	0	13
Misc	0	0	11	0	0	0	11
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	1,982	0	0	0	1,982
Environmental	0	0	5	0	0	0	5
Misn Contract	0	0	0	0	0	0	0
1-Time Other	18,401	17,908	6,032	1,600	0	0	43,940
TOTAL ONE-TIME	18,702	18,137	6,202	25,280	0	0	68,322

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 5/9
 Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG
 Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
 04292005.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRINGCOSTS								
----(\$K)----								
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	1,000	1,000	4,000	0	0	0	6,000	0
Misc Recur	0	0	0	165	330	330	825	330
TOTAL RECUR	1,000	1,000	4,000	165	330	330	6,825	330
TOTAL COSTS	19,702	19,137	10,202	25,445	330	330	75,147	330
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----								
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	28	0	0	28	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	28	0	0	28	
RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
----(\$K)----								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	812	812	812	2,437	812
Recap	0	0	0	589	589	589	1,768	589
BOS	0	0	0	739	739	739	2,217	739
Civ Salary	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	139	139	139	417	139
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	2,280	2,280	2,280	6,839	2,280
TOTAL SAVINGS	0	0	0	2,308	2,280	2,280	6,867	2,280

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OBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 6/9

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
----(\$K)----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	1,756	0	0	1,756	
Civ Moving	0	3	1	11,521	0	0	11,525	
Info Tech	0	0	0	57	0	0	57	
Other	301	226	170	8,333	0	0	9,030	
MIL PERSONNEL								
Mil Moving	0	0	0	-2	0	0	-2	
OTHER								
HAP / RSE	0	0	0	1,982	0	0	1,982	
Environmental	0	0	0	5	0	0	5	
Misn Contract	0	0	0	0	0	0	0	
I-Time Other	18,401	17,908	6,032	1,600	0	0	43,940	
TOTAL ONE-TIME	18,702	18,137	6,202	25,253	0	0	68,294	
RECURRING NET								
----(\$K)----	----	----	----	----	----	----	----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-812	-812	-812	-2,437	-812
Recap	0	0	0	-589	-589	-589	-1,768	-589
BOS	0	0	0	-739	-739	-739	-2,217	-739
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	-139	-139	-139	-417	-139
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	1,000	1,000	4,000	0	0	0	6,000	0
Misc Recur	0	0	0	165	330	330	825	330
TOTAL RECUR	1,000	1,000	4,000	-2,115	-1,950	-1,950	-14	-1,950
TOTAL NET COST	19,702	19,137	10,202	23,138	-1,950	-1,950	68,279	-1,950

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 7/9

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

Department : Technical JCSG

Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	----
CONSTRUCTION							
MILCON	315	0	3,500	0	0	0	3,815
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	405	0	0	0	0	0	405
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	6	6	6	6	6	6	34
Misn Contract	0	0	0	0	0	0	0
1-Time Other	124	0	0	0	0	0	124
TOTAL ONE-TIME	849	6	3,506	6	6	6	4,378

Department : Technical JCSG
 Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)
 04292005.CBR
 Option Pkg Name: Navy C4ISR RDATA&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
---(\$K)---	---	---	---	---	---	---		
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	787	787	787	2,362	787	
Civ Salary	0	0	0	0	0	0	0	
TRICARE	0	0	2	2	2	5	2	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	0	34	34	34	101	34	
TOTAL RECUR	0	0	823	823	823	2,468	823	
TOTAL COSTS	849	6	3,506	828	828	6,846	823	

ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total
---(\$K)---	---	---	---	---	---	---	
CONSTRUCTION							
MILCON	0	0	0	0	0	0	
O&M							
1-Time Move	0	0	0	0	0	0	
MIL PERSONNEL							
Mil Moving	0	0	0	0	0	0	
OTHER							
Environmental	0	0	0	0	0	0	
1-Time Other	1,800	0	0	0	0	1,800	
TOTAL ONE-TIME	1,800	0	0	0	0	1,800	

RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
---(\$K)---	---	---	---	---	---	---		
FAM HOUSE OPS	0	0	0	0	0	0	0	
O&M								
Sustainment	0	0	0	0	0	0	0	
Recap	0	0	0	0	0	0	0	
BOS	0	0	0	0	0	0	0	
Civ Salary	0	0	2,019	2,019	2,019	6,057	2,019	
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	
Enl Salary	0	0	0	0	0	0	0	
House Allow	0	0	0	0	0	0	0	
OTHER								
Procurement	0	0	0	0	0	0	0	
Mission Activ	0	0	0	0	0	0	0	
Misc Recur	0	2,075	3,580	3,580	3,580	16,397	3,580	
TOTAL RECUR	0	2,075	3,580	5,599	5,599	22,454	5,599	
TOTAL SAVINGS	1,800	2,075	3,580	5,599	5,599	24,254	5,599	

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TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)

Data As Of 4/29/2005 8:16:37 AM, Report Created 4/29/2005 8:16:39 AM

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Scenario File : Z:\COBRA Database\TECH-0054\COBRA 6-10\RealignJ - TECH-0054 COBRA Input Final (6.10)

04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fetrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
NAVBASE VENTURA CTY		0	0
NAVAIRWPNSTA CHNA LK		3,815,185	0
Totals:	3,815,185	0	3,815,185

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

Page 31 of 37 COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10) - Page 2
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 04292005.CBR
 Option Pkg Name: Navy C4ISR RDT&E Consolidation at China Lake
 Std Fetrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

MilCon for Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

All values in 2005 Constant Dollars (\$K)

FAC Title	New UM	New MilCon	Using Cost*	Rehab Rehab Type	Total Cost*	Total Cost*
3171 Electronic and Communication RDT&E Facili	SF		0	0 22,000 Amber	1,903	1,903
6101 Small Unit Headquarters Building	SF		0	0 11,300 Amber	767	767
3111 Aircraft RDT&E Facility	SF		0	0 6,000 Red	1,145	1,145
Total Construction Cost:					3,815	
- Construction Cost Avoid:					0	
Total Net Milcon Cost:					3,815	

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

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COBRA NET PRESENT VALUES REPORT (COBRA v6.10)
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Department : Technical JCSG
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04292005.CBR
Option Pkg Name: Navy C4ISR RDATA&E Consolidation at China Lake
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
2006	18,751,656	18,494,521	18,494,521
2007	17,067,202	16,374,674	34,869,195
2008	10,127,369	9,451,785	44,320,979
2009	18,366,768	16,674,654	60,995,634
2010	-6,720,885	-5,935,502	55,060,132
2011	-6,720,885	-5,773,834	49,286,298
2012	-6,726,485	-5,621,250	43,665,048
2013	-6,726,485	-5,468,142	38,196,905
2014	-6,726,485	-5,319,204	32,877,701
2015	-6,726,485	-5,174,323	27,703,377
2016	-6,726,485	-5,033,388	22,669,989
2017	-6,726,485	-4,896,292	17,773,697
2018	-6,726,485	-4,762,930	13,010,766
2019	-6,726,485	-4,633,201	8,377,566
2020	-6,726,485	-4,507,004	3,870,561
2021	-6,726,485	-4,384,246	-513,684
2022	-6,726,485	-4,264,830	-4,778,515
2023	-6,726,485	-4,148,668	-8,927,183
2024	-6,726,485	-4,035,669	-12,962,852
2025	-6,726,485	-3,925,748	-16,888,600

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COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
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04292005.CBR
Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	-812	-812	-812	-2,437	-812
Recap Change	0	0	0	-589	-589	-589	-1,768	-589
BOS Change	0	0	0	48	48	48	146	48
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	0	-1,353	-1,353	-1,353	-4,060	-1,353

NAVBASE VENTURA CTY, CA (N69232)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	-812	-812	-812	-2,437	-812
Recap Change	0	0	0	-589	-589	-589	-1,768	-589
BOS Change	0	0	0	-739	-739	-739	-2,217	-739
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	0	-2,141	-2,141	-2,141	-6,422	-2,141

NAVAIRWPNSTA CHNA LK, CA (N47609)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	0	0	0	787	787	787	2,362	787
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	0	787	787	787	2,362	787

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TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/3

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04292005.CBR

Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake

Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	368	0	0	368
Early Retirement*	8.10%	0	0	0	30	0	0	30
Regular Retirement*	1.67%	0	0	0	6	0	0	6
Civilian Turnover*	9.16%	0	0	0	34	0	0	34
Civs Not Moving (RIFs)*	6.00%	0	0	0	22	0	0	22
Civilians Moving (the remainder)		0	0	0	276	0	0	276
Civilian Positions Available		0	0	0	92	0	0	92
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	368	0	0	368
Civilians Moving		0	0	0	276	0	0	276
New Civilians Hired		0	0	0	92	0	0	92
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	30	0	0	30
TOTAL CIVILIAN RIFs		0	0	0	22	0	0	22
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	92	0	0	92

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 2/3
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 04292005.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)Rate 2006 2007 2008 2009 2010 2011 Total

		2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	368	0	0	368
Early Retirement*	8.10%	0	0	0	30	0	0	30
Regular Retirement*	1.67%	0	0	0	6	0	0	6
Civilian Turnover*	9.16%	0	0	0	34	0	0	34
Civs Not Moving (RIFs)*	6.00%	0	0	0	22	0	0	22
Civilians Moving (the remainder)		0	0	0	276	0	0	276
Civilian Positions Available		0	0	0	92	0	0	92

CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0

CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	30	0	0	30
TOTAL CIVILIAN RIFs		0	0	0	22	0	0	22
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 3/3
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 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)Rate 2006 2007 2008 2009 2010 2011 Total

	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)	0	0	0	0	0	0	0
Civilian Positions Available	0	0	0	0	0	0	0

CIVILIAN POSITIONS ELIMINATED	0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0
Civilians Available to Move	0	0	0	0	0	0	0
Civilians Moving	0	0	0	0	0	0	0
Civilian RIFs (the remainder)	0	0	0	0	0	0	0

CIVILIAN POSITIONS REALIGNING IN	0	0	0	368	0	0	368
Civilians Moving	0	0	0	276	0	0	276
New Civilians Hired	0	0	0	92	0	0	92
Other Civilian Additions	0	0	0	0	0	0	0

TOTAL CIVILIAN EARLY RETIRMENTS	0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS	0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#	0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES	0	0	0	92	0	0	92

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

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COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)
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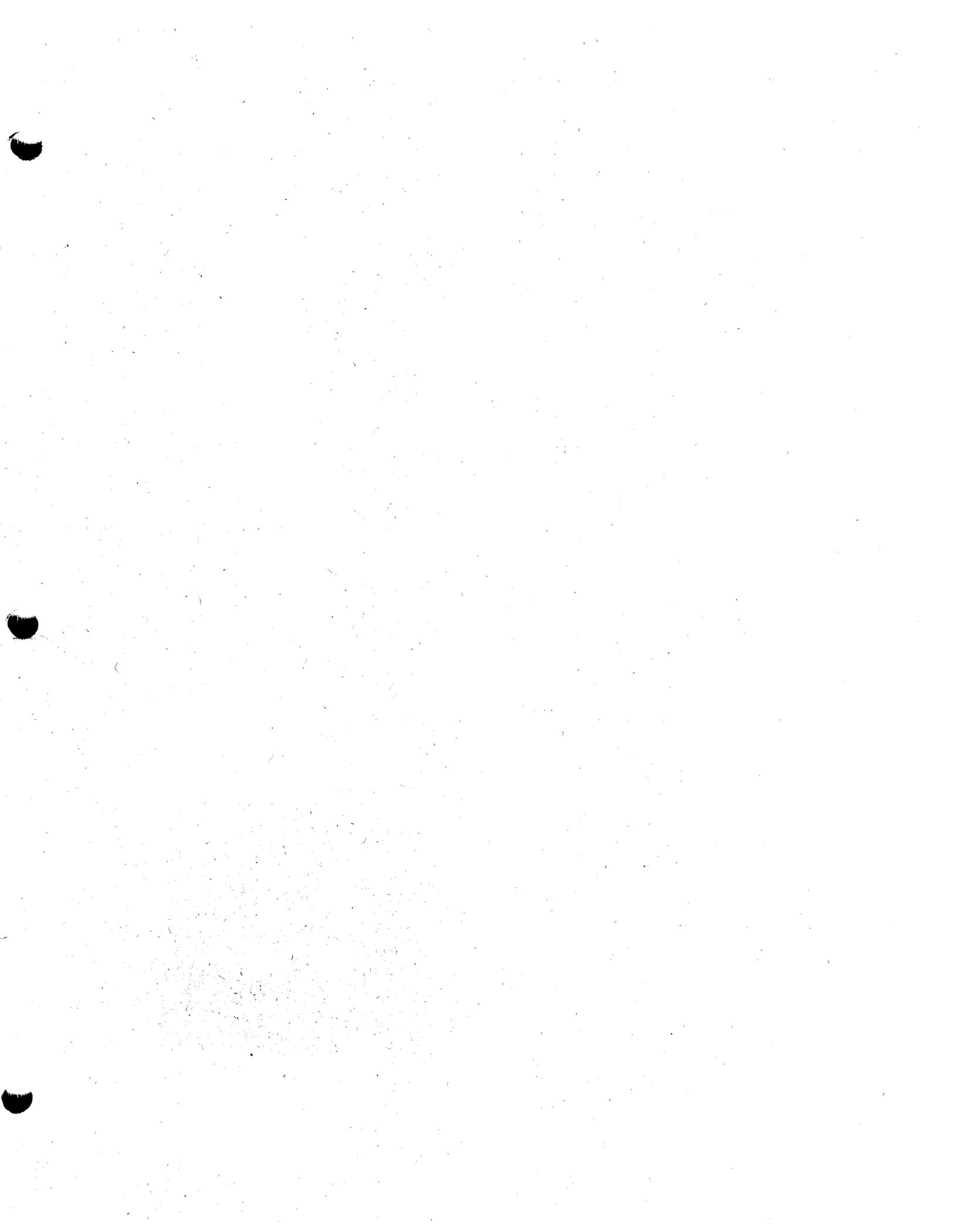
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 04292005.CBR
 Option Pkg Name: Navy C4ISR RDAT&E Consolidation at China Lake
 Std Fctrs File : C:\Documents and Settings\Administrator\Desktop\COBRA 6.10\BRAC2005.SFF

Base: NAVBASE VENTURA CTY, CA (N69232)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	50.00%	0	0.00%	0.00%
2007	0	0.00%	25.00%	0	0.00%	0.00%
2008	0	0.00%	25.00%	0	0.00%	0.00%
2009	0	0.00%	0.00%	379	100.00%	100.00%
2010	0	0.00%	0.00%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	379	100.00%	100.00%

Base: NAVAIRWPNSTA CHNA LK, CA (N47609)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	0.00%	0	0.00%	16.67%
2007	0	0.00%	0.00%	0	0.00%	16.67%
2008	0	0.00%	100.00%	0	0.00%	16.67%
2009	379	100.00%	0.00%	0	0.00%	16.67%
2010	0	0.00%	0.00%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	379	100.00%	100.00%	0	0.00%	100.00%



**NAVAL AIR WEAPONS STATION
CHINA LAKE**



China Lake Defense Alliance
Ridgecrest, California
July 2005
BRAC Commission

7/8/05

OUR REQUESTS

- Support Naval Integrated RDAT&E Center at China Lake Per DOD Recommendations
 - But reject decision to exempt Program Managers from move to China Lake
- Support relocating Sensors, Electronic Warfare and Electronics RDAT&E to China Lake
- Accept recommendations on aircraft intermediate maintenance and guns and ammunition

7/8/05

BRAC Commission

**INTEGRATED RDAT&E CENTER
MAKES SENSE**

- Meets criteria and SECDEF goals
- Scattering W&A across 10 bases
 - Wastes resources
 - Degrades focus
- Consolidating saves money
- Weapons are small piece of budget
 - Fragmented effort especially unacceptable

7/8/05

BRAC Commission

**INTEGRATED RDAT&E CENTER
MAKES SENSE**

- Placing one center in each service assures competition of ideas
- Consolidation should be as complete as possible
 - Truncation of functions/number of personnel erodes value of integration

7/8/05

BRAC Commission

**CHINA LAKE IS RIGHT SITE FOR
INTEGRATED W&A RDTA&E CENTER**

- Highest military value
 - Most complete staff, laboratories and ranges
 - Full spectrum capability to support all aspects of weapons and armament RDAT&E
 - Not encroached, room to grow
- Cost Effective
- Community infrastructure can handle
- No environmental problems

7/8/05

BRAC Commission

MILITARY VALUE RANK

WEAPONS & ARMAMENTS RDAT&E

ACQ		RESEARCH		T&E	
China Lake	0.4982	China Lake	0.5062	China Lake	0.6391
Dahlgren	0.4669	Indian Head	0.3336	Point Mugu	0.6238
Patuxent River	0.3660	Dahlgren	0.2834	Dahlgren	0.4055
Port Hueneme	0.3103	Patuxent River	0.1826	Patuxent River	0.1074
Indian Head	0.2782	Point Mugu	0.1770	Crane	0.0930
Point Mugu	0.2252	Crane	0.1754	Indian Head	0.0787
Crane	0.2292	Port Hueneme	0.1156	Port Hueneme	0.0622
Seal Beach	0.1424	Seal Beach	0.0375	Seal Beach	0.0564

7/8/05

BRAC Commission

CHINA LAKE IS RIGHT SITE FOR INTEGRATED W&A RDTA&E CENTER

- China Lake selection supports transformation:
- Joint service customers
 - Combat aircraft-weapon integration - Level 5 rating by Software Engineering Institute
 - EA-18G EW aircraft and JSF on horizon
 - System integration capability beyond weapon-platform

7/8/05

BRAC Commission

SEA RANGE IS VITAL

- Critical joint service asset that must be preserved
- Issue is how many stay at Mugu-San Nicolas and what moves to China Lake

7/8/05

BRAC Commission

SEA RANGE ISSUE

- Everything doesn't need to stay at Point Mugu
 - Range/target operators need to be on site
 - Other functions should go to China Lake as recommended by TJCSG per certified China Lake-Pt Mugu-Navy data
- Value in consolidating functions that aren't needed on the Sea Range premises

7/8/05

BRAC Commission

PROGRAM MANAGEMENT ISSUE

- We disagree with exemption of Program Management Offices from move to China Lake
- We don't challenge exemption of Program Executive Offices
- Decision to exempt PMs not documented by TJCSG

7/8/05

BRAC Commission

PROGRAM MANAGEMENT ISSUE

- If management is at RDAT&E Center:
- Manager access to technical team for better response and decision making
 - Staff and support contractor redundancy eliminated
 - Manager travel cost offset by reduced technical travel
 - Electronic communications maintains ties to headquarters - don't need 'business as usual'
 - Puts managers closer to service customers

7/8/05

BRAC Commission

PROGRAM MANAGEMENT ISSUE

- Management at field locations successful at Eglin AFB, Redstone Arsenal, Wright Patterson AFB (Aircraft) and C4IS-SPAWAR San Diego
- Many joint programs managed at Eglin AFB - JSF at WPAFB (not at Patuxent River)

7/8/05

BRAC Commission

ELECTRONIC WARFARE SHOULD BE CONSOLIDATED AT CHINA LAKE

- China Lake appropriate location for consolidation
 - Payoff in 6 years vice 12 years (TJCSG used wrong factor in calculations)
 - Split staff inefficient
- China Lake higher overall military value
 - EW competency
- Leverage transition from EA-6B to EA-18G
 - China Lake integration team
- Weapons, EW and platform integration are closely related
 - Co-location promotes synergism

7/8/05

BRAC Commission

SENSORS, EW & ELECTRONICS MILITARY VALUE

Dev. & Acq.		Research		Test & Eval.	
Pt. Mugu	0.3495	China Lake	0.3594	China Lake	0.5610
China Lake	0.3267	Pt. Mugu	0.2811	Pt. Mugu	0.3103

7/8/05

BRAC Commission

COMMUNITY

- “Navy town” can handle influx
- BRAC recommendations bring China Lake work force to pre-downsizing level
- Ready for proposed transfers and indirect growth
 - Basic resources in place
 - Water
 - Waste treatment
 - Space for housing, contractors, businesses
 - Plans in place for population upturn
 - Schools
 - Housing
 - Public facilities and support

7/8/05

BRAC Commission

CONCLUSIONS

We respectfully recommend Commission:

- Approve creation of Naval Integrated Weapons and Armaments RDAT&E Center at China Lake
 - Include Program Management Offices in Center
 - Resist proposals to truncate/reduce moves
- Approve relocation of Sensors, Electronic Warfare and Electronics RDAT&E to China Lake

7/8/05

BRAC Commission

**THANK YOU
FOR SERVING COUNTRY
ON BRAC COMMISSION**

7/8/05

BRAC Commission

JOINT AEROSPACE RDT&E CENTER AND
PACIFIC TRAINING AND EXPERIMENTATION COMPLEX

**TRANSFORMING THE WAY
WE ARM AND TRAIN JOINT FORCES
FOR THE 21ST CENTURY**

TRI-COMMUNITY DEFENSE PARTNERSHIP
JULY 2004



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FOREWORD

The 2005 Base Realignment and Closure (BRAC) round offers an extraordinary opportunity to support transformation of the 21st Century armed forces. Besides eliminating unneeded capacity, Secretary of Defense Donald Rumsfeld has set specific goals to:

- Use the realignment and closure process to improve efficiency and warfighting capability;
- Contribute to rationalizing the infrastructure with the national defense strategy;
- Encourage joint service activity.

California can make a great contribution to the achievement of these goals. During World War II the services came to California and its neighbors in the West to establish new bases because other parts of the country could not adequately support the new weapons and training needs of the services.

In the period since World War II, California has supplied land, sea and air space, research and development laboratories and the test and training facilities needed by the services. Over the past 60 years California also has developed highly skilled and knowledgeable generations of defense work forces through its universities, industrial organizations, and the scientists and engineers who work in our military laboratories and ranges.

Recognizing Department of Defense goals, and California's capacity to meet them, this document proposes a joint service research, development, test, and evaluation center and a training and experimentation complex which is a model for transformation. Putting the unique aerospace resources and the vast available land, sea and airspace in California to use, it integrates laboratories and ranges with California's many other resources in government and the private sector to significantly contribute to the transformation of our armed forces to meet the challenges of the 21st Century.

Tri-Community Defense Partnership:

China Lake Defense Alliance – iwv2000@iwvisp.com
Edwards Community Alliance – colaero@qnet.com
VCEDA BRAC Task Force – bburatto@vceda.org

The Tri-Community Defense Partnership is an alliance of community organizations and is not affiliated with the Department of Defense nor any military service

PREFACE: GETTING SERIOUS ABOUT JOINT DEFENSE RDT&E

In Afghanistan and Iraq the military services have demonstrated significant progress in working together effectively as cohesive joint forces. Sharing assets and capabilities is working on the battlefield, but the services have a way to go in carrying this cooperative approach to developing and testing the new and improved weapon systems needed for the future.

In spite of the defense downsizing, each service continues to support its own RDT&E base infrastructure with attendant overhead costs and inability to replace old facilities as they age. The services have been unwilling to merge capabilities. In order to maintain their “independence” from other service interests they have been willing to allocate scarce revenue on duplicative capabilities. This independence wastes precious resources, which could be better spent elsewhere, and runs counter to defense transformation goals.

An unwillingness by the services to seriously consider a different business model contrasts sharply with the aerospace industry, which downsized and made major structural changes when the prospect of reduced defense appropriations became apparent. The defense RDT&E bases are not profit-oriented businesses, and one should be careful in drawing too many parallels. Yet it’s obvious that the military services haven’t accepted the reality that their current RDT&E support model is wasteful and inhibits the best allocation of limited capital investment funds.

Air warfare and related RDT&E support is a particularly egregious example of maintaining duplicate capabilities with an attendant high management load and overhead costs. This paper offers an air warfare RDT&E support model in keeping with BRAC and transformation goals. It proposes consolidating a significant portion of aircraft, weapon and related technology support now distributed across the country to three sites in the West where technical expertise and large land, air and sea space is available unencumbered by encroachment, weather and terrain issues that plague other parts of the country. These sites – Edwards Air Force Base and the Naval Air Warfare Center Weapons Division sites at China Lake and Point Mugu – would be merged into a single Joint Aerospace RDT&E Center.

Edwards, China Lake and Pt. Mugu are electronically linked and currently support numerous cross-service RDT&E and training activities. These three sites already have most of the facilities needed to perform the mission of a joint center, and the costs associated with additional hangars and other support facilities can be amortized quickly from the savings. The joint center would have the added benefits of supporting other technologies and mission areas such as space propulsion, electronic warfare test and training, and providing ranges for use by the many training installations in the Southwest.

Secretary of Defense Rumsfeld stated the objectives for BRAC in his letter to the service and agency chiefs in November 2002. Simply put, BRAC is to be more than a reduction in base infrastructure to save money. Its purpose is to maximize both efficiency and

effectiveness of our fighting forces. In pursuing these goals the services and agencies were tasked to examine and implement opportunities for greater joint activity. The BRAC 2005 process has structured joint cross-service working groups to consider opportunities for joint activity, but it isn't clear yet that major RDT&E structural changes are being considered.

It's time to abandon the old, expensive model, and BRAC 2005 offers the opportunity. Our country can no longer afford to support an RDT&E structure that costs more than necessary and is out of step with the armed forces of the future.

EXECUTIVE SUMMARY

The 2005 Base Realignment and Closure (BRAC) round is intended to support improved efficiency and warfighting capability, including fostering more joint service activity—in effect to promote the transformation of the armed forces structure.

Systemic management issues in the military services impede transformation, and without specific attention to these issues, BRAC will fail to achieve its goals and transformation will be delayed and cost far more than necessary. BRAC can be used as an instrument to promote transformation if it addresses these inhibitors. However, if BRAC 2005 follows the precedents of previous rounds:

- Bases will be assessed independently, ignoring the potential benefits of capitalizing on the complementary nature afforded by geography and mission;
- Opportunities to combine RDT&E operations at appropriate bases across service lines will be ignored;
- Expensive and inadequate measures to impede encroachment will be carried out although alternative sites are available;
- The old artificial boundaries, which separate Research and Development from Test and Evaluation from Training, will inhibit opportunities to develop innovative base structures that save money and promote improved joint system acquisition and training.

This proposal addresses the problems directly. It consolidates mission areas that would especially benefit by joint service cooperation—**air warfare and related mission RDT&E**. Edwards Air Force Base and the two facilities of the Naval Air Warfare Center Weapons Division at China Lake and Point Mugu would combine to form the **Joint Aerospace RDT&E Center**. Together these bases have the experienced scientific and engineering staff, laboratories, land, sea and air space—the most complete staff and facilities in the world for aircraft, weapons and mission avionics RDT&E.

The staff and laboratories of these three bases continue to demonstrate the **capability to solve problems in real time** as they have in Afghanistan, Iraq, and every conflict since World War II.

This realignment of functions and joint management:

- Streamlines and consolidates service air warfare and related mission RDT&E;
- Institutionally brings operators together with scientists and engineers to share knowledge and experience – operators obtain technical expertise and facilities, technical personnel obtain operational knowledge and experience in evaluating new concepts;
- Provides a vast land, sea and air arena with long-term insulation from civilian and commercial encroachment;
- Ensures joint concept evaluation, development, test and evaluation and provides a basis for joint training and joint exercises.

BRAC 2005 offers a golden opportunity to take a bold step toward achieving the Department of Defense goals of transformation.

PROBLEMS IN ACHIEVING TRANSFORMATION

Transformation is envisioned as a continuing process involving organizational, doctrinal and technological change across all military forces. The Department of Defense Transformation Plan calls for changing how we fight, how we do business and how we work with other government agencies and our allies.

The RDT&E military base infrastructure with American industry is an instrument to: apply technology to develop new systems; develop new joint tactical warfare concepts; and train our forces in joint operations. Our RDT&E capabilities are made available to other agencies and to our allies.

Operations in Afghanistan and Iraq illustrate the value of the transformation concept needed for these and similar scenarios. The use of special forces, the speed and agility of air and ground forces, the ability to bring lethal, standoff weapons rapidly on target, and the cooperative tactics of the Army, Navy, Air Force and Marines, with a major role for Special Forces, are hallmarks of transformation goals.

Much needs to be done before the vision of the transformed force structure is achieved. Systemic management problems that inhibit the transformation process include:

- Precious resources are wasted on duplicative and unnecessary infrastructure, both inter- and intra-service. The services are procuring common or interoperable systems in many cases, but insist on maintaining duplicative research, development, test and evaluation facilities even though fewer joint facilities could do the job better at far less cost.
- Testing and training is inhibited in some areas by encroachment of residential and industrial development and commercial transportation routes. Elaborate and expensive measures are being taken to use these facilities when other facilities not burdened by encroachment are available.
- Lines between testing, training and experimentation are blurring, yet out-of-date laboratory and range funding and use policies prevent efficient use of available assets.
- Research and development laboratories, test and evaluation facilities, and training ranges continue to be viewed as independent entities in spite of today's trend toward iterative development and training.

Transformation is more than sizing and aligning the base infrastructure. To be most effective, management transformation is needed as well. The services are working to deal with interoperability, joint tactical concepts and other joint operational issues, but transforming the RDT&E infrastructure management process to meet joint mission needs has received little or no attention. This paper proposes aligning RDT&E support in a particular mission area to foster efficient and effective joint development of technology and systems for joint use.

Inertia and parochialism in the armed services inhibit transformation. Many in the armed services are wedded to old ways of doing business and are oblivious to opportunities to reform the system to support transformation. Unless the BRAC process is viewed as a true transformation mechanism, the 2005 assessment process will proceed as in previous rounds:

- Bases will be evaluated as independent rather than complementary entities;
- Research and Development, Test and Evaluation, and Training will be evaluated independently;
- Encroachment workarounds will obscure long-term problems.

The cost of failure to reform is high. Failure to streamline the support infrastructure inhibits technological innovation and best use of scarce resources. Secretary Rumsfeld's letter to the service and agency chiefs on November 15, 2002, initiating the BRAC process, laid out specific transformation objectives. These objectives cannot be met unless creative approaches are applied to infrastructure change through BRAC.

RECONCILING BASE INFRASTRUCTURE AND TRANSFORMATION FOR AIR WARFARE

In his letter, Secretary Rumsfeld stated clear **goals** for BRAC:

1. Maximize *both* warfighting effectiveness and efficiency;
2. Contribute toward transforming the Defense Department by rationalizing the infrastructure with the national defense strategy;
3. Examine and implement opportunities for greater joint activity.

A **SOLUTION** to the infrastructure problems that inhibit achieving transformation can be implemented in BRAC by:

- Structuring military bases around functional or mission areas **across service lines**;
- Identifying and building on major functional base groupings to make maximum use of compatible functions and operations considering geography, encroachment issues, investment needs, available skill base, theater needs, and other issues.

A **MODEL** for military bases under transformation must include:

- Consolidating research, development, test and evaluation (RDT&E) in appropriate mission areas at **joint service centers**;
- Performing unit and joint military training and experimentation in geographic clusters and aligning these clusters with the joint service RDT&E centers' test facilities to the extent possible;
- Maximizing dialog between operational commands and the technical staffs of the joint RDT&E centers for mutual benefit—incorporation of operational experience and doctrine into development of technology and system concepts and insertion of technical expertise into joint training and experimentation design;
- Selecting RDT&E and training sites that possess expanses of land, sea, and air space, good climate, a broad range of terrain, the most complete set of existing and embedded facilities, a knowledgeable staff, and freedom from encroachment now and into the future.

A functional area ripe for consolidation is air warfare RDT&E. The Army, Navy, Air Force and Marine Corps share many recognized common needs in aircraft, weapons and avionic systems. Joint development programs are becoming the rule.

RDT&E in the air warfare arena requires an extensive set of skills, laboratories and range facilities with land, sea and air space, and connectivity among the ranges to accommodate development of air combat systems effectively and safely. These same skills and facilities can accommodate related systems in areas such as surface weapons, network centric systems, and directed energy.

Ideally, these same facilities and operating spaces should also support air unit training for a substantial number of operational units. To complete the requirements of the model, the RDT&E and air training facilities should be located near maritime, littoral and land training bases to allow close air support training and large-scale joint exercises and experiments.

All these requirements are met in California and adjacent states. The assets for a Joint Aerospace RDT&E Center in California already exist. This Center and Complex can:

- Support DOD goals for BRAC;
- Yield high annual operational cost savings;
- Enhance transformation at the lowest cost in the shortest period of time.

JOINT AEROSPACE RDT&E CENTER

The proposed Joint Aerospace RDT&E Center consists of Edwards Air Force Base and the Naval Air Warfare Weapons Divisions sites at China Lake and Point Mugu. Their locations are shown in FIGURE 1. There is also an auxiliary site of Edwards Air Force Base located at the Nellis Air Force Base.

These DOD centers of excellence offer the most complete set of facilities in the world for aircraft and weapons RDT&E. By combining the assets of these existing sites, the air warfare research, development, test and evaluation (RDT&E) needs of the services can be met. These bases have laboratories, test facilities, large expanses of land, sea, and air space, and a capable and experienced technical staff. These existing sites also have unmatched capabilities in all aspects of surface weapon RDT&E and space rocketry RDT&E.

Edwards Air Force Base and China Lake are located in the Mojave Desert in isolated areas that permit flight operations and testing of live ordnance in areas far from population centers. The R-2508 airspace, jointly managed by Edwards, China Lake, and the Fort Irwin National Training Center, is the largest restricted airspace in the United States, at 20,000 sq. mi. The management structure for R-2508 is already a recognized model for joint service cooperation and the management agreement for such has been in effect since 1976.

The instrumented Point Mugu Sea Range with its San Nicolas Island facility is located off the coast of Southern California. The Sea Range encompasses 36,000 sq. mi. and is expandable to 125,000 sq. mi. for long-range surface and subsurface launched missile tests. Embedded instrumentation support is provided for space launches at Vandenberg Air Force Base.

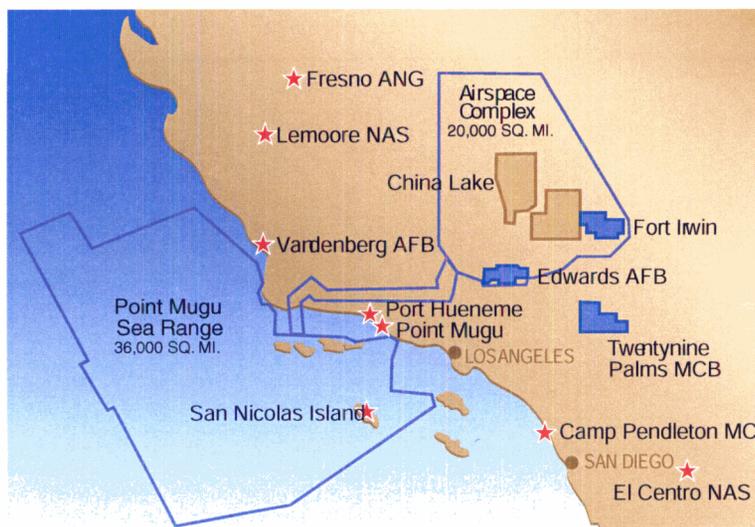


FIGURE 1. Location of the Joint Aerospace RDT&E Center Sites

Together these sites are the most complete set of air warfare related laboratories and ranges in the world. Vast land, sea and air spaces, and experienced civilian, contractor and military personnel are in the sites to perform nearly all the functions associated with supporting the research, development, test and evaluation of combat aircraft, air launched weapons and related mission avionics systems. They also have the capability to support research, development, test and evaluation of surface and subsurface launched missiles and space rockets.

The proposed Joint Aerospace RDT&E Center's technical expertise and facilities are fully capable of system development support, and supporting the development of transformation enabling technologies—UAV/UCAV working closely with the Air Force UAV installation at Indian Springs NV, directed energy systems, information operations, hypersonics, network centric warfare support systems and other new technologies.

APPENDIX A is a listing of mission capabilities of the three centers that make up the proposed Joint Aerospace RDT&E Center.

The Point Mugu Sea Range is located off the coast of Southern California with the test area located beyond commercial sea lanes and small boat operating areas. Because of the convex configuration of the California coastline, most north-south commercial air corridors run overland and there are minimal air traffic conflicts with sea routes in the outer sea range area as shown in FIGURE 2.

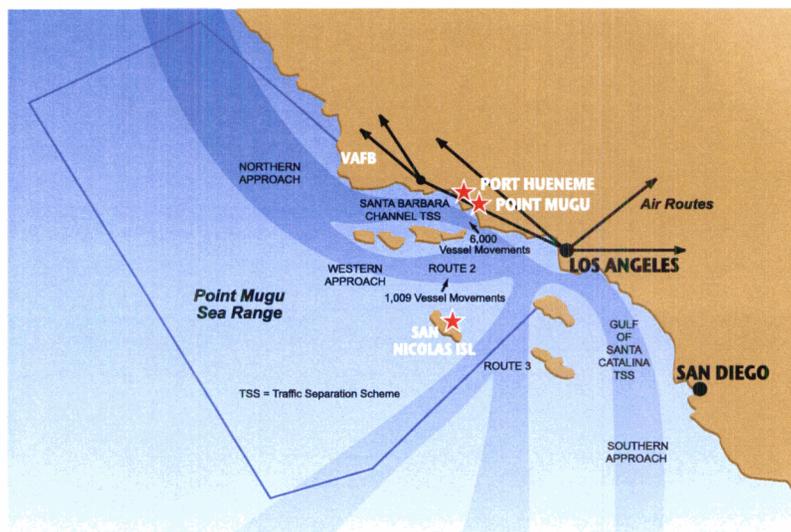


FIGURE 2. Point Mugu Sea Range with Air and Sea Routing

The huge R-2508 inland air space is restricted to military control above 20,000 feet, and the 2 million acres of ranges within Edwards, China Lake and Fort Irwin are restricted from commercial and general aviation from ground level. FIGURE 3 is a snapshot of commercial airline routes on Thanksgiving Day in 2001 when most military aircraft were not flying, showing the national encroachment pressure on military air space. Air access through R-2508 is under complete joint control of the military.

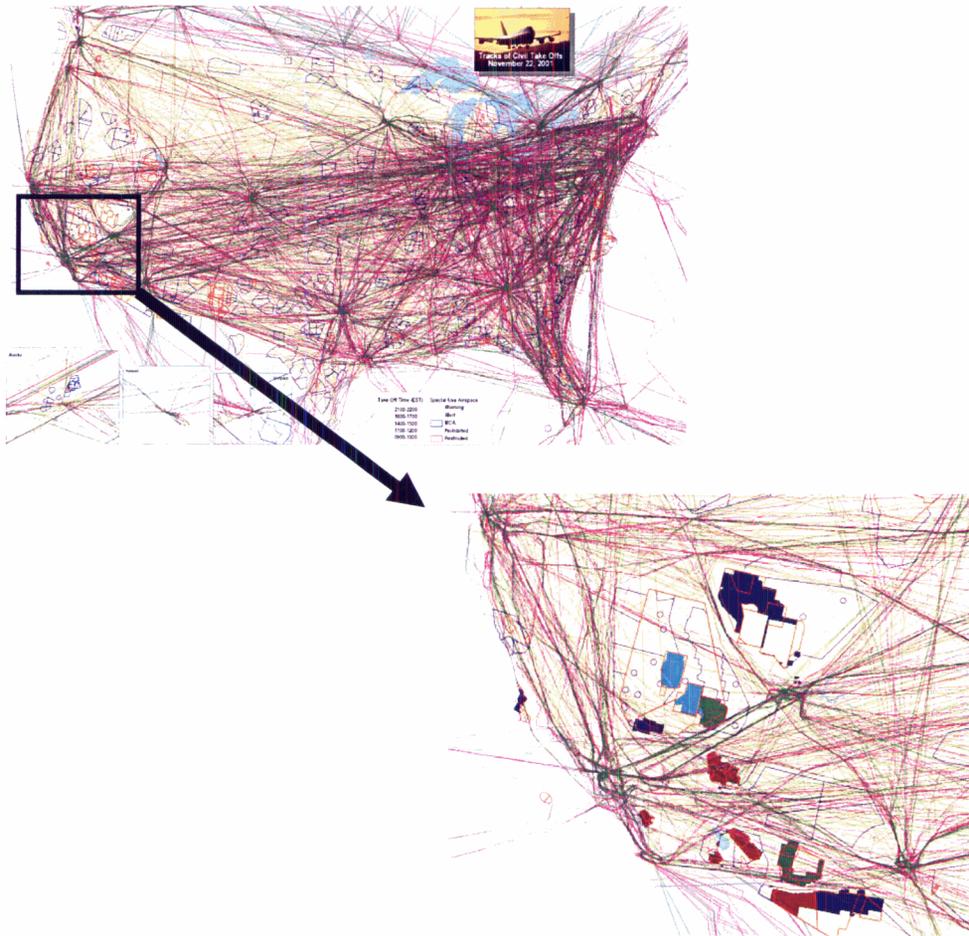


FIGURE 3. United States Commercial Air Traffic Routes on Thanksgiving Day 2001

The Joint Aerospace RDT&E Center's land areas are not only enormous in size, but they are virtually free from the civilian encroachment pressures found in other areas of the country. China Lake and Edwards Air Force Base are bordered by federal land shielded from development. Most of the air operations in R-2508 are over land owned by or withdrawn to the Defense Department, the adjacent Desert Wilderness Area or other Federal land. FIGURE 4 shows federally controlled land in the United States.

The range areas cover the widest range of climates and terrain features that can be found in any region of the country. The inland range's 360 annual clear days are the most that can be found in the United States. Similarly, the sea range area has the best climate for maritime test and training operations. These sites are important assets for our international allies and other U.S. agencies as well.

Japan and the United Kingdom deploy every year to Point Mugu and China Lake for tests and exercises. Many allies come to China Lake and Point Mugu to learn to use American systems purchased under the Foreign Military Sales program or to test and train with systems developed in their own countries.

Other agencies are important users as well. Among many examples, the Asymmetric Warfare Center at Point Mugu provides direct support to law enforcement and military agencies handling terrorist attacks. China Lake was the test site for the Predator-Hellfire attack system used with great success in the lethal attack on Al Qaida leaders in Yemen.

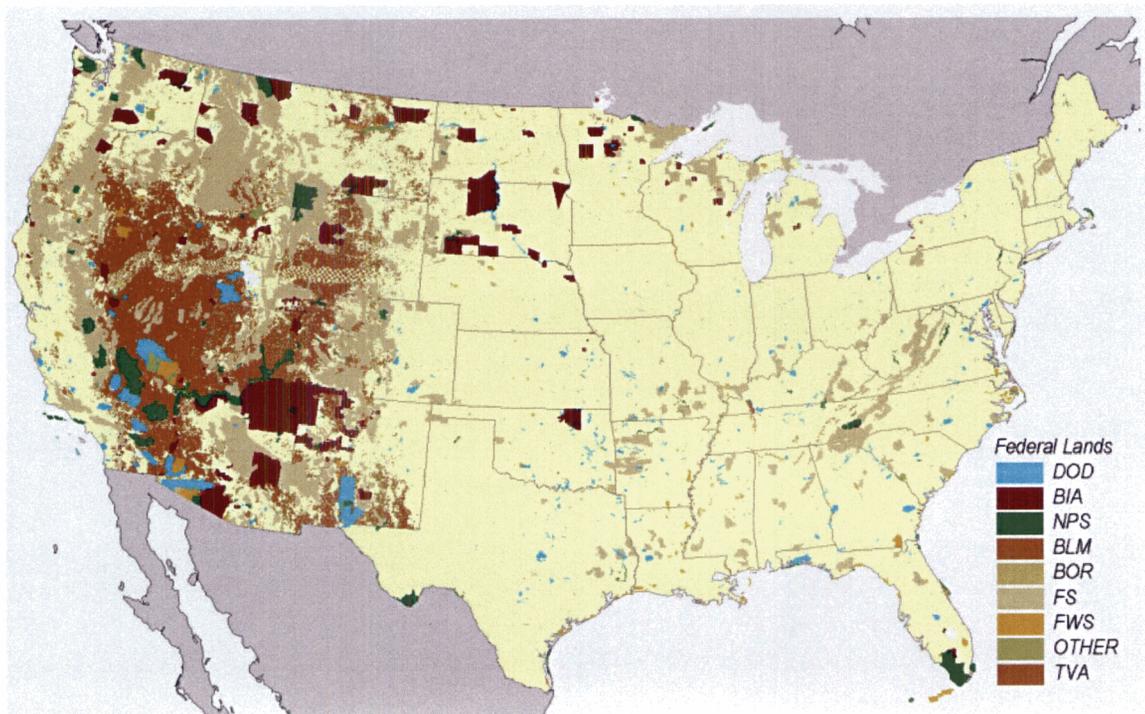


FIGURE 4. R-2508 and Federally Controlled Land

ASSOCIATED FACILITIES

The Joint Aerospace RDT&E Center has a long-standing relationship with other government and private institutions that mutually benefits the Center and the associated facilities.

Vandenberg Air Force Base. Vandenberg Air Force Base launches military and commercial space vehicles into polar orbits. It is also a primary test site for missile defense testing, and, along with the Naval Air Warfare Center Weapons Division at Point Mugu and other Pacific test sites, serves as a member of the Missile Defense Agency's Extended Test Range. Vandenberg provides launch services for both ballistic missile targets and interceptors.

Air Force Plant 42. Plant 42 and its industrial occupants have developed many of the most advanced aircraft of the past half-century. The Stealth Bomber and F-117 are products that illustrate the value of proximity between Edwards Air Force Base and a first-class aerospace industrial facility. The joint RDT&E aspects of the Joint Aerospace RDT&E Center will enhance a proven capability for the future in upgrading the capability of manned and unmanned aircraft.

NASA Dryden Flight Research Center. The Dryden Flight Research Center, located within the boundaries of Edwards Air Force Base, is dependent for its aeronautical and space flight research on Edwards and R-2508. Its close relationship with the Joint Aerospace RDT&E Center adds another dimension to the capabilities of the center.

PACIFIC TRAINING AND EXPERIMENTATION COMPLEX

California and adjacent states also have a constellation of Army, Navy, Air Force and Marine Corps military bases engaged in training and other activities which complement the proposed Joint Aerospace RDT&E Center. These existing bases, the **Pacific Training and Experimentation Complex** (APPENDIX B), make use of the Joint Aerospace RDT&E Center's air space, instrumented land and sea ranges, and technical expertise to support unit training and joint exercise needs tasked by the Joint Forces Command. The location of these bases is shown in FIGURE 5.

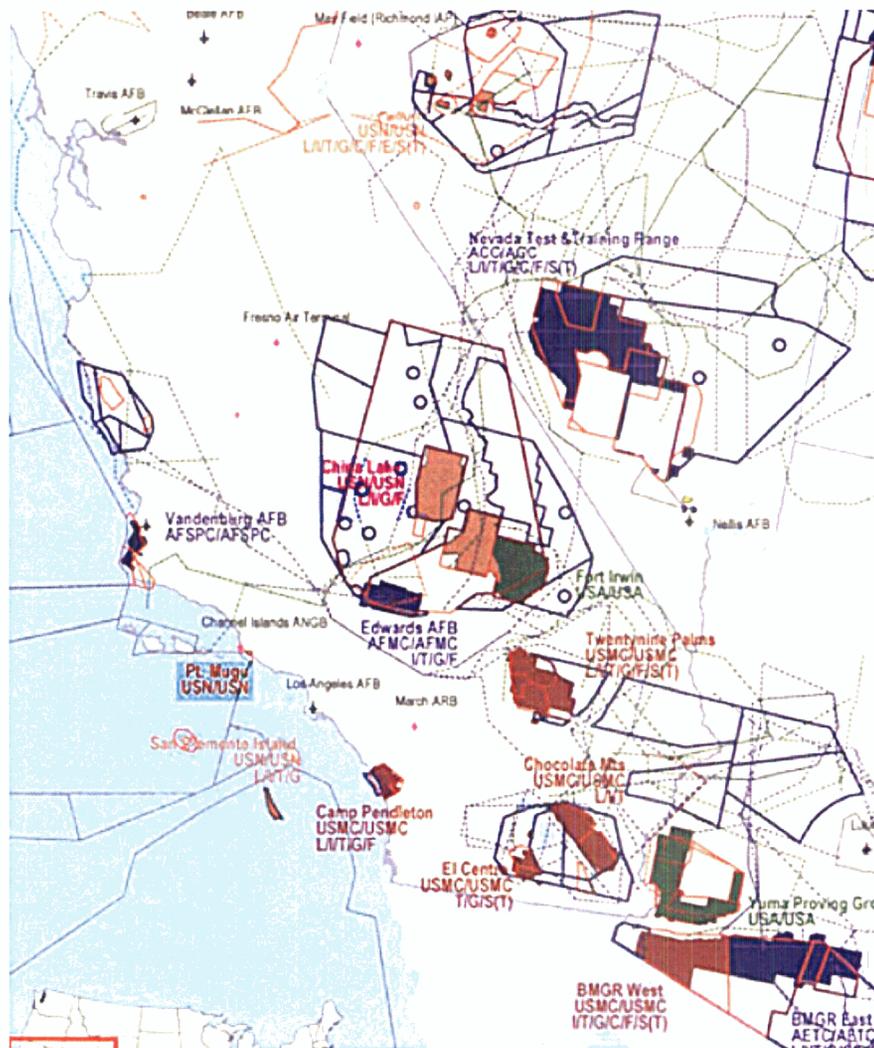


FIGURE 5. Location of Joint Aerospace RDT&E and Pacific Training and Experimentation Complex Bases

Together the Joint Aerospace RDT&E Center and Pacific Training and Experimentation Complex offer a full menu of services to support the joint needs of the armed forces in the 21st Century.

China Lake 1) has a range—Superior Valley—exclusively devoted to live air-ground weapons training by Navy and Marine Corps units; 2) offers use of its electronic warfare range for operational training to all services; and 3) has specialized ground ranges for numerous training needs not met elsewhere in the United States.

The Point Mugu Sea Range provides fixed and mobile sea targets for live air to surface training to Navy, Air Force, Marine Corps and Air National Guard units.

Fort Irwin partners with Edwards Air Force Base and China Lake in managing the R-2508 air space. It works closely in the joint training arena with Nellis Air Force base for air support of ground forces training. Its location and working relationship with China Lake, which has expertise in weaponization of aircraft, and Edwards, which has Air Force lead for UAV RDT&E, offer opportunities for future partnerships in joint development and training for operations involving manned and unmanned aircraft air support of ground forces. Operation Iraqi Freedom's experience with on-the-fly coordination between air and ground forces was a harbinger of the future under transformation. The Pacific Training and Experimentation Complex is an ideal air-ground operations training asset to meet that need.

In transformation military services develop joint tactical concepts and jointly train in their use in major exercises not encompassed on any single base. Very large exercises conducted by the Joint National Training Capability depends upon bases from all the services in a large sea, littoral, land and air arena with space asset support. The Joint Aerospace RDT&E Center and Pacific Training and Experimentation Complex offer an ideal arena for large exercises and experiments which require a large joint battle space with a variety of terrain features and mission capabilities.

Operational Army, Navy, Air Force and Marine Corps bases in the Pacific Training and Experimentation Complex are:

- National Training Center, Fort Irwin
- Lemoore Naval Air Station
- Miramar Marine Corps Air Station
- Naval Air Facility, El Centro
- North Island Naval Air Station
- Fallon Naval Air Station NV
- Naval Air Station, Point Mugu
- Channel Islands Air National Guard
- Nellis Air Force Base NV (Air support of ground forces at Fort Irwin)
- Yuma Marine Corps Air Station
- Edwards Air Force Base (Marine Corps Reserve Helicopter Squadron)
- Air National Guard Fresno
- Camp Pendleton Marine Corps Base
- Marine Corps Air to Ground Combat Center, Twentynine Palms
- Naval Space and Warfare Systems Command facilities at San Diego
- Naval Amphibious Base Coronado
- Port Hueneme Division
- Naval Submarine Base, San Diego
- Quantum Leap Laboratory, San Diego (Special Forces Lab)
- March Air Force Base (Air Force Reserve)
- Third Fleet (San Diego)

The ability to deploy and maintain forces around the globe cannot take place without support functions. California bases are important contributors to logistics and other support functions and are important to transformation. They are:

- Marine Corps Logistics Center, Barstow
- Naval Construction Battalion Center, Naval Base Ventura County
- Beale Air Force Base
- Travis Air Force Base

SOUTHWEST DEFENSE COMPLEX

The Joint Aerospace RDT&E Center and Pacific Test and Experimentation Complex are part of a larger constellation of major RDT&E and training centers, the Southwest Defense Complex. The Southwest Defense Alliance, a consortium of communities and state and local governments in the Southwest, has identified these centers as providing core capabilities to the armed forces for joint RDT&E or test and training operations. These bases (APPENDIX C) are located in Arizona, California, Nevada, New Mexico, Texas and Utah.

MANAGEMENT OF THE JOINT AEROSPACE RDT&E CENTER

The service sites in the proposed Joint Aerospace RDT&E Center and the Pacific Training and Experimentation Complex have worked cooperatively and effectively for over a half-century. Because of their complementary missions and mutual interests, the managers of these facilities already understand the value of working together to make best use of each other's complementary capabilities to meet their own and the country's needs.

The management of the individual bases of the Pacific Training and Experimentation Complex is the province of the individual services. A management policy that specifies close coordination with the Joint Aerospace RDT&E Center is important to assure that the benefits in sharing expertise and facilities is realized.

Selection of a management structure for the Joint Aerospace RDT&E Center is the province of the Department of Defense and the military services. Although a number of management structures are available, it is important that joint service needs are met.

It is essential that individual service interest not conflict with best joint service interests. For example, individual service budget-related decisions could lead to resource allocations harmful to joint service interests if the management structure failed to assure a joint perspective.

The management structure for the Joint Aerospace RDT&E Center should assure that a technical interchange is guaranteed with the Pacific Training and Experimentation Complex and the Joint Forces Command.

Transformation could structure the core centers as a joint command with protected appropriations as a joint center reporting to the Office of the Secretary of Defense or under the Joint Forces Command. Another approach could structure management of the Joint Aerospace RDT&E Center as a joint command with rotating commanders from each service with deputies from the other services. A single manager with joint service interests would make resource allocation decisions in the best interests of all the services.

CONCLUSION

The current military service RDT&E and training infrastructure inhibits transformation by:

- Functional duplication by the services in the RDT&E base structure;
- Expensive encroachment workarounds;
- Outdated policies on laboratory and range usage and funding artificially segregating research and development from test and evaluation from training;
- Consideration of RDT&E and training bases as independent, rather than as interdependent entities;
- Making decisions based on individual service interests that can override legitimate joint service interests.

Transformation is facilitated and joint service RDT&E is expedited and made more efficient, by unifying Edwards Air Force Base and the Naval Air Warfare Center Weapons Division facilities at China Lake and Point Mugu into a proposed Joint Aerospace RDT&E Center.

Consolidation of air warfare and related RDT&E missions for all of the services at this Center would promote joint service programs, improve efficiency, and consolidate long-term capital improvements in these mission areas, provide long-term encroachment protection, and promote transformation.

The staff and range resources of the three sites of the proposed Joint Aerospace RDT&E Center already support joint training and exercises for the many military bases in California and adjacent states. These bases, termed the Pacific Test and Experimentation Complex, taken together are major contributors to joint training and tactics development. Direct contact between the military personnel of the Pacific Test and Experimentation Complex and technical personnel of the Joint Aerospace RDT&E Center would facilitate direct input into system concept development and provide technical support to training and exercise design.

It is believed that these proposals directly relate to, and advance the transformation goals of the Department of Defense and, as such, should be carefully considered in all force structure analyses to be conducted in 2004 and 2005.

**APPENDIX A:
CURRENT AND FUTURE MISSION CAPABILITIES OF CORE CENTERS**

Part I: Missions

Mission	Mission Area
Tactical Air Warfare RDT&E	Combat Aircraft
	Surveillance Aircraft
	Air to Air & Air to Surface Weapons
	Directed Energy Weapons
	Electronic Warfare
	Aircraft System Integration
	Aircraft-Weapon Integration
	Uninhabited Air Vehicles
	Uninhabited Combat Air Vehicles
Strategic Warfare RDT&E	Strategic Aircraft
	Strategic Missiles
	Space Vehicle Propulsion
	Space Launch Instrumentation Support
Surface Weapons RDT&E	Surface Missiles
	Gun Testing (National Range)
Special Forces Warfare	Cave Warfare
Homeland Defense RDT&E	Weaponry
	Missile Launch Detection and Location
Homeland Defense Support	Asymmetric Warfare Center

Part II: Assets and Facilities

Airfields	Edwards Air Force Base
	China Lake
	Point Mugu
	San Nicolas Island
Space Landing Fields	Edwards Air Force Base Rogers Dry Lake
Restricted Air Space	R-2508: 20,000 sq. mi.
Sea Space	Point Mugu Sea Range: 36,000 sq. mi.
	San Nicolas Island Instrumentation

Part II: Assets and Facilities (continued)

Aircraft Weapon Integration Laboratories	Edwards Air Force Base
	China Lake
	Point Mugu
Electronic Warfare Ranges	China Lake Echo Range
	Edwards Nellis Air Force Base Annex
Propulsion Static Firing Facilities	Edwards Air Force Base Rocket Lab
	China Lake Sky Top Strategic Rocket Test Sites
	China Lake Ramjet Test Site
	China Lake Hypersonic Rocket Site
Ranges	Point Mugu Sea Range
	China Lake Air and Ground Ranges
	China Lake Aircraft and Weapon Survivability Range
	Edwards AFB ...
	China Lake Etcheron Valley Low Observables Range
	China Lake Etcheron Valley Directed Energy Test Range
	Point Mugu Air-to-Air Missile, F-14, EA-6B, and Tactical Air Warfare Facilities ...
	Edwards Air Force Base Facilities at Nellis Air Force Base
Simulation Facilities	China Lake Integrated Battlespace Arena
	Edwards Integrated Facility for Avionics System Test
	Edwards Benefield Anechoic Facility
Attached Activities	Air Operational Test and Evaluation Squadron VX-9 (China Lake and Point Mugu)
	Marine Corps Helicopter Reserve Squadron (Edwards Air Force Base)
	Navy Pacific E-2 Wing (Point Mugu)
	Channel Islands Air National Guard (Point Mugu)

Part III: Associated Activities

Edwards Propulsion Directorate	Space Rocket RDT&E
Vandenberg Air Force Base	Military and Commercial Space Launches, Primary Site for Missile Defense testing (Both Targets and Interceptors), Member of Missile Defense Agency's Extended Test Range
Air Force Plant 42	Boeing Phantom Works, Space Research Lockheed Martin Skunkworks B-2, JSF, other Northrop Grumman JSF, Global Hawk, B-2
NASA	Dryden Flight Research Center

**APPENDIX B:
PACIFIC TEST AND EXPERIMENTATION COMPLEX BASES
OTHER THAN JOINT AEROSPACE RDT&E CENTER**

Part I: Air Bases

Base	Mission
Lemoore Naval Air Station	Navy's West Coast Home for All Navy Versions of F/A-18 Aircraft
	Proposed West Coast Home for Navy Joint Strike Fighter
Miramar Marine Corps Air Station	West Coast Home of Marine Corps Helicopters and All Versions of Marine Corps F/A- 18 Aircraft
North Island Naval Air Station	West Coast Home for All Navy Antisubmarine Warfare Helicopters
Naval Air Facility, El Centro	Realistic gunnery, Bombing, Carrier Landings and Air Combat Training to Naval Aviation Units
Air National Guard, Fresno	Home of California Air National Guard 144 th Fighter Wing
Air Reserve Air Base, March Field	Home of 452 nd Mobility Wing
Fallon NV Naval Air Station	Naval Strike Warfare Center (Strike U), Naval Fighter Weapons School (Top Gun), Air Wing Training Center
Nellis Air Force Base NV	Fighter Weapons Training, Electronic Combat Training, Tactics Development and Operational Test and Evaluation
Yuma AZ Marine Corps Air Station	Marine Corps Aviation Training Base, Supports 80% of Marine Corps Air-to-Surface Training
Channel Islands Air National Guard (Based at Point Mugu Naval Air Station)	Home of 115 th Airlift Squadron

Part II: Army, Surface Navy and Marine Corps Bases

Base	Mission
Army Fort Irwin National Training Center	Armored Warfare Training, Air-Ground Training (with Nellis AFB)
Camp Pendleton Marine Corps Base	Amphibious Warfare Training
Naval Surface Warfare Center, Port Hueneme Division	Test and Evaluation, In-Service Engineering, and Integrated Logistics Support for Surface Warfare Combat Systems
Naval Space and Warfare Systems Command Facilities, San Diego	Command, Control, Communications, Surveillance and Intelligence RDT&E
Naval Amphibious Base, Coronado	Amphibious Warfare, Special Warfare
Naval Submarine Base, San Diego	Submarine Warfare
Naval Quantum Leap Laboratory, San Diego	Special Warfare
Third Fleet, San Diego	Headquarters, US Third Fleet
Twentynine Palms Marine Corps Base	Air-Surface Operations Training
Marine Corps Logistics Center, Barstow	Logistics
Beale Air Force Base	Surveillance, Intelligence Collection
Travis Air Force Base	Air Transport

**APPENDIX C:
SOUTHWEST DEFENSE COMPLEX BASES**

The following major military bases located in six southwestern states have been identified by the Southwest Defense Alliance as providing critically needed broad capabilities for joint RDT&E and training operations:

Arizona

- Army Proving Grounds, Yuma
- Fort Huachuca
- Mesa Research Center

California

- Air Ground Combat Center, Twentynine Palms
- Camp Pendleton
- Edwards Air Force Base
- National Training Center, Fort Irwin
- Naval Air Weapons Warfare Center Weapons Division, China Lake
- Naval Air Weapons Warfare Center Weapons Division, Point Mugu
- Southern California Offshore Range
- Vandenberg Air Force Base

Nevada

- Naval Air Station, Fallon
- Nellis Air Force Base

New Mexico

- Cannon Air Force Base
- Holloman Air Force Base
- Albuquerque Laboratories, Kirtland Air Force Base
- White Sands National Range

Texas

- Fort Bliss

Utah

- Dugway Proving Grounds
- Utah Test and Training Range

