

Joint Centers of Excellence for Chemical, Biological, and medical Research and Development and Acquisition

- Realign Building 42, 8901 Wisconsin Ave., Bethesda, MD, be relocating the Combat Casualty Research sub-function of the Naval Medical Research Center to the Army Institute of Surgical Research, Ft Sam Houston, TX
- Realign Naval Station Great lakes, IL by relocating the Army Dental Research Detachment, the Air Force Dental Investigative Service, and the Naval Institute for Dental and Biomedical Research to the Army Institute for Surgical Research, Ft Sam Houston, TX
- Realign 13 Taft Court and 1600 E. Gude Dr., Rockville, MD by relocating the Walter Reed Army Institute of Research, Division of Retrovirology to the Walter Reed Army Institute of Research, WRAMC – Forest Glen Annex, MD, establishing it as a Center of Excellence for Infectious Disease.
- Realign Naval Air Station Pensacola, FL by relocating the Naval Aeromedical Research Lab to WPAFB, OH
- Realign 12300 Washington Ave., Rockville, MD by relocating the Medical Biological Defense Research sub-function to the US Army Medical Research Institute of Infectious Diseases, Ft Detrick, MD
- Realign Potomac Annex-Washington, DC by relocating Naval Bureau of Medicine, Code M2, headquarters-level planning, investment portfolio management and program and regulatory oversight of DoD Biomedical Science and Technology programs and FDA-regulated medical product development within the biomedical RDA function to a new Joint Biomedical Research, Development and Acquisition Management Center at Ft Detrick, MD
- Realign 64 Thomas Jefferson Dr., Frederick, MD by relocating the Joint Program Executive Office for Chemical Biological Defense, Joint Project Manager for Chemical Biological medical Systems headquarters-level planning, investment portfolio management and program and regulatory oversight of DoD Biomedical Science and Technology programs and FDA-regulated medical product development within the biomedical RDA function to a new Joint Biomedical Research, Development and Acquisition Management Center at Ft Detrick, MD
- Realign Ft Belvoir, VA by relocating the Chemical Biological Defense Research component of the Defense Threat Reduction Agency to Edgewood Chemical Biological Center, Aberdeen Proving Ground, MD

- Realign Tyndall AFB, FL by relocating Non-medical chemical Biological Defense Research to Edgewood Chemical Biological Center, Aberdeen Proving Ground, MD, and consolidating it with AF Research Lab
- Realign Naval Surface Warfare Center, Dahlgren division, VA by relocating Non-medical Chemical Biological Defense Research and Development & Acquisition to Edgewood Chemical Biological Center, Aberdeen Proving Ground, MD
- Realign Naval Surface Warfare Center, Crane Division, IN by relocating the Non-medical Chemical Biological Defense Development and Acquisition to Edgewood Chemical Biological Center, Aberdeen Proving Ground, MD
- Realign Skyline 2 & 6, Falls Church, VA by relocating the Joint Program Executive Office for Chemical Biological Defense to Edgewood Chemical Biological Center, Aberdeen Proving Ground, MD

Facilities gaining and what is gained from where:

1. Ft Sam Houston, TX

- From - Building 42, 8901 Wisconsin Ave., Bethesda, MD, the Combat Casualty Research sub-function of the Naval Medical Research Center to the Army Institute of Surgical Research;
- From - Naval Station Great lakes, IL the
 - Army Dental Research Detachment,
 - Air Force Dental Investigative Service, and
 - the Naval Institute for Dental and Biomedical Research to the Army Institute for Surgical Research

2. Walter Reed Army Institute of Research, WRAMC – Forest Glen Annex

- From - 13 Taft Court and 1600 E. Gude Dr., Rockville, MD the Walter Reed Army Institute of Research, Division of Retrovirology to the Walter Reed Army Institute of Research, WRAMC – Forest Glen Annex, MD, establishing it as a Center of Excellence for Infectious Disease.

3. WPAFB, OH

- From - Naval Air Station Pensacola, FL the Naval Aeromedical Research Lab

4. Ft Detrick, MD

- From - 12300 Washington Ave., Rockville, MD the Medical Biological Defense Research sub-function to the US Army Medical Research Institute of Infectious Diseases

5. New Joint Biomedical Research, Development and Acquisition Management Center at Ft Detrick, MD

- From - Potomac Annex-Washington, DC
 - Naval Bureau of Medicine,
 - Code M2,
 - headquarters-level planning, investment portfolio management and program and regulatory oversight of DoD Biomedical Science and Technology programs and FDA-regulated medical product development within the biomedical RDA function
- From - 64 Thomas Jefferson Dr., Frederick, MD
 - the Joint Program Executive Office for Chemical Biological Defense,
 - Joint Project Manager for Chemical Biological medical Systems headquarters-level planning, investment portfolio management and program and regulatory oversight of DoD Biomedical Science and Technology programs and FDA-regulated medical product development within the biomedical RDA function

6. Aberdeen Proving Ground, MD

- From - Ft Belvoir, VA the Chemical Biological Defense Research component of the Defense Threat Reduction Agency to Edgewood Chemical Biological Center
- From Tyndall AFB, FL Non-medical Chemical Biological Defense Research to Edgewood Chemical Biological Center, and consolidating if with AF Research Lab
- From - Naval Surface Warfare Center, Dahlgren division, VA the Non-medical Chemical Biological Defense Research and Development & Acquisition to Edgewood Chemical Biological Center
- From - Naval Surface Warfare Center, Crane Division, IN the Non-medical Chemical Biological Defense Development and Acquisition to Edgewood Chemical Biological Center
- From - Skyline 2 & 6, Falls Church, VA the Joint Program Executive Office for Chemical Biological Defense to Edgewood Chemical Biological Center

Collocate Missile and Space Defense Agencies

Recommendation: Close the Suffolk Building, a leased installation in Falls Church, VA. Relocate all Missile Defense Agency (MDA) functions, except the Ballistic Missile Defense System Sensors Directorate, to Redstone Arsenal, AL.

Close the Space and Missile Defense Command (SMDC) Building, a leased installation in Huntsville, AL. Relocate all functions of the Missile Defense Agency to Redstone Arsenal, AL.

*PEO-M5 21m
Army.*

Realign Federal Office Building 2, Arlington, VA, by relocating a Headquarters Command Center for the Missile Defense Agency to Fort Belvoir, VA, and by relocating all other functions of the Missile Defense Agency, except the Command and Control Battle Management and Communications Directorate, to Redstone Arsenal, AL.

Realign Crystal Square 2, a leased installation in Arlington, VA, by relocating all functions of the Missile Defense Agency and the Headquarters component of the USA Space and Missile Defense Command to Redstone Arsenal, AL.

Realign Crystal Mall 4, a leased installation in Arlington, VA, by relocating the Headquarters component of the USA Space and Missile Defense Command to Redstone Arsenal, AL.

Justification: This recommendation meets several important Department of Defense objectives with regard to future use of leased space, rationalization of the Department's presence within 100 miles of the Pentagon, and enhanced security for DoD Activities. Relocating MDA operations from the NCR and consolidating with existing MDA activities already in Huntsville will enhance jointness and establish an invaluable synergy with the principal DoD expertise in ground-based missile research and development as well as with expertise in missile-related test and evaluation. Additionally, the recommendation results in a significant improvement in military value due to the shift from primarily leased space to locations on military installations. The military value of MDA based on its current portfolio of locations is 329 out of 334 entities evaluated by the Major Administration and Headquarters (MAH) military value model, and SMDC's headquarters is 299 out of 334. Redstone Arsenal is ranked 48 out of 334, and Fort Belvoir is ranked 57 out of 334.

Implementation will reduce the Department's reliance on leased space, which has historically higher overall costs than government-owned space and generally does not meet Anti-terrorism Force Protection standards as prescribed in UFC 04-010-

01. The recommendation will eliminate approximately 227,000 GSF of leased space. It also provides space for the consolidation of MDA contractors with the appropriate MDA elements at Redstone Arsenal. The relocation of two activities to a military installation that is farther than 100 miles from the Pentagon provides dispersion of DoD Activities away from a dense concentration within the National Capital Region. This, plus the immediate benefit of enhanced Force Protection afforded by a location within a military installation fence-line, will provide immediate compliance with Force Protection Standards. The vast majority of MDA's and SMDC's present leased locations are not compliant with current Force Protection Standards. This action provides a consolidation for MDA's DC Area operations and Huntsville locations and continues movement of MDA onto Redstone Arsenal that is expected to occur with the completion in FY07 of the Von Braun 2 building, which will house approximately 800 MDA personnel. Similarly, SMDC is consolidating its headquarters office with existing activities recently moved on to Redstone Arsenal.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$178.2M. The net of all costs and savings to the Department during the implementation period is a savings of \$13.0M. Annual recurring savings to the Department after implementation are \$36.1M, with a payback expected in 1 year. The net present value of the costs and savings to the Department over 20 years is a savings of \$359.1M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 2,782 jobs (1,644 direct jobs and 1,138 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. The aggregate economic impact of all recommended actions on this region of influence was considered and is at Appendix B of Volume I.

Community Infrastructure: A review of the community attributes indicates relocation to Redstone Arsenal will result in fewer graduate and PhD education programs and available for-sale housing units. The Department expects that the private market will respond for the increased need for certain community goods and services. These issues do not materially affect the ability of the infrastructure of the communities to support missions, forces, and personnel. A review of the community attributes for Fort Belvoir indicates no issues. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impact: This recommendation may impact air quality at Fort Belvoir. An air conformity analysis and New Source Review is required. A potential impact may occur to historic resources at Fort Belvoir and Redstone Arsenal since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs. Additional operations may further impact threatened/endangered species at Fort Belvoir and Redstone Arsenal, leading to additional restrictions on training or operations. Additional operations may impact wetlands at Redstone Arsenal that may lead to operations that are restricted. This recommendation has no impact on dredging; land use constraints or sensitive resource areas; marine mammals, resources or sanctuaries; noise; waste management; or water resources. This recommendation will require spending approximately \$0.225M for environmental compliance activities. This cost was 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.

5 Aug 2005

MDA Michael
Alvarez, Heller, Citrino, Durso.

DA: Hq - need more
Immaturity of the mission

PM
Ag BTRC.
Agency Head.

32 direct reports

↓
PED, App Dev, Bus. Mgmt, Corp Ops, Dev + Eng.

↓
DC. Presence for mission in AL.

150 staff - is COBRA # ~~legit.~~ ^{less of the land?}

693-3008

22 June 2005

2248 → Altrigg, Heller

- ~~2200~~ els if all CWS and contractors move.
- Time to & as lost: \$573 in budget (PBD 753)
- \$300m/year ^{cut} in people & infrastructure
- reengineering

BRAC!

- heavily dependent on CETA's.
- are included in sizing of building @ Reston.
- if more, will lose missile defense expertise.
- in 2007-9: moving + big issues!

- @ Belvon: told me that "CETA's need not apply"

↳ Think 300-400 accurate, but dependent on reengineering.

- How do we get allocated sufficient space?

✓ Public hearing: briefing & hearing? Expectations? →

✓ Done Hogue: ~~are~~ legally binding? →

✓ How to ensure CETA needs included in # EP6 →
locality?

21 June 2005

Helen Poorman

- ✓ worked closely w/ MDA
- David Heller - expecting BRAC staff unit
- late in process, MDA leaders decided to move SSD and BM to another location
- decided < 2 weeks before final recs.
- SSD: HANCOM AFB
- BMC: Peterson AFB or Schriber AFB } future MDA

CAPT Langhor

- BRAC stalled MDA effort to build DC-area campus
- relationship was chilly at first but got better

Tech JCSB came to similar conclusions.

Used updated (2004) MDA staffing #s
@ same time MDA budget ↓ → ^{MDA} got realistic

- 14% cut before BRAC
- 3% " w/ BRAC ⇒ COBRA

before BRAC implemented

MDA: will MDA ask for volunteers to join 14% cut and stay in DC.?

Small HQ element in DC. 50 → 150

- Wynne mediated the #s →

(2)

- 80% MDA workforce is contractors
- much of MDA office space is contractor-provided
- contractors/CIV's moving to gov. space @ Redstone
- grew too fast to use USG real estate lease process.

(VADM) Dome Heller 703-693-3448
David Atting 703-

extra space allotted to MDA takes account of C2 space needs.

- Dome Heller
- asked Ashley if MDA had req'd to pitch.
 - ~~to~~ Sen. Whitman in charge of hearing.
 - made pitch to Mr. Principi & Bell.

David Prohl 703-693-9042, Rm. 43341

MDA Academy, 7th wing.

2) MDA Hq

2248 → to Redstone Arsenal
- 80% MDA in construction
→ 150 pers to Belvoir or by detachment.

Redstone - all ground-based missile R&D

~~Handsville - attached 75%~~

Who will move to Handsville, AL?

- H. has attracted ~25% evs. in the past.

PEO, MS - Union in SMDC bldg

- 506 pers. weren't counted by P&G

~~will have to move to~~
- may have to reintroduce into new
plant

State of Va. Comments.

Headquarters and Support Activities (H&SA) Data Inaccurate and Incomplete

DOD Recommendation: Consolidate Defense Information Systems Agency and Establish Joint C4ISR D&A Capability, Relocate Army Headquarters and Field Operating Agencies, Collocate Missile and Space Defense Agencies, Consolidate Army Test and Evaluation Command (ATEC) Headquarters, Collocate Miscellaneous Army Leased Locations, Relocate Miscellaneous Department of Navy Leased Locations, Collocate Defense/Military Department Adjudication Activities, Collocate Miscellaneous Air Force Leased Locations and National Guard, Headquarters Leased Locations, etc...

Justification: Various including vacate leased office space and reduce DOD presence in the NCR.

Payback: Various

Economic Impact: Various

Community Infrastructure Assessment: Various

Environmental Impact: Various

Substantial Deviation: Inaccurate and Incomplete Data

The Department of Defense did not ensure that the recommendations submitted concerning the closure or realignment of a military installation were based on data certified by designated officials to be accurate and complete information. The H&SA JCSG was developed to analyze common headquarters, administration, and business-related functions across DOD. The group established the following objectives: improve jointness; eliminate redundancy, duplication, and excess capacity; enhance force protection; utilize best business practices; increase effectiveness, efficiency, and interoperability; and reduce costs. The group initially relied on capacity data for administrative functions provided and certified by the military services and defense agencies. Upon review of the capacity data received by H&SA, the group realized that less than 20% of the leased locations coded as administrative functions in the installation inventory provided in appendix B "inventory of Installations" of the force structure report required by Section 2912 of the Defense Base closure and Realignment Act of 1990, had certified data available, severely limiting the groups ability to perform an accurate and complete capacity assessment.

Furthermore, the certified data received in response to specific questions pertaining to an assessment of leased locations and force protection was inconsistent or contained obvious errors. In an October 2004 memorandum to the Infrastructure Steering Group describing military value scoring changes, the H&SA JCSG concluded that based on an analysis of the effect of the missing, wrong, and incomplete data on the proposals, there were some data issues that could affect the generation and comparison of proposals by group members. The H&SA raised this issue with OSD officials in a meeting on December 22-23, 2004 (minutes are not available per unsigned memo from H&SA JCSG received by the SASC on June 30, 2005) and the decision was made to remove certain data collected by the military departments from the final database. The incompleteness of data pertaining to leased space finally resulted in the adoption of arbitrary assumptions in January 2005 pertaining to the cost of leased space, status of leases, and compliance with antiterrorism/force protection standards, which were then inconsistently applied to proposals under consideration at that time (see package on SOUTHCOM lease).

The Government Accountability Office (GAO) stated in a July 1, 2005 report that “*Using mostly certified data, the headquarters group examined capabilities of each function from questions developed to rank activities from most valued to least valued. Exceptions occurred where military responses were slow in arriving, contained obvious errors, or were incomplete, and in these cases, judgement-based data were used.*” MOSTLY certified data is not in compliance with section 2903(3)(C)(5)(A), which states that “Each person referred to in subparagraph (B), when submitting information to the Secretary of Defense or the Commission concerning the closure or realignment of a military installation, shall certify that such information is accurate and complete to the best of that person’s knowledge and belief.” How can a person certify “judgement-based data”?

Failure to use accurate certified data is a substantial deviation from the law and has resulted in significant errors.

Headquarters and Support Activities (H&SA) Incorrect Costs and Savings

DOD Recommendation: Consolidate Defense Information Systems Agency and Establish Joint C4ISR D&A Capability, Relocate Army Headquarters and Field Operating Agencies, Collocate Missile and Space Defense Agencies, Consolidate Army Test and Evaluation Command (ATEC) Headquarters, Collocate Miscellaneous Army Leased Locations, Relocate Miscellaneous Department of Navy Leased Locations, Collocate Defense/Military Department Adjudication Activities, Collocate Miscellaneous Air Force Leased Locations and National Guard, Headquarters Leased Locations, etc...

Justification: Vacate leased office space and reduce DOD presence in the NCR.

Payback: Various

Economic Impact: Various

Community Infrastructure Assessment: Various

Environmental Impact: Various

Substantial Deviation: Incorrect Costs and Savings

In their report to Congress, the Government Accountability Office identified a number of concerns with the costs and savings that the H&SA JCSG used in estimating savings associated with BRAC recommendations. The GAO and the DOD Inspector General identified two particular areas of concern, one time savings associated with vacating leased office space and consistency in rounding to estimate personnel savings. According to the GAO, corrections made in this data would reduce the net present value savings would be reduced by \$268 million as a whole, and for one recommendation, it would result in a net cost over the 20 years.

The Government Accountability Office also determined that 92 percent of the annual recurring savings would result from personnel reductions and the elimination of lease payments. The GAO suggested that the Commission more carefully review these recommendations and the analysis that accompanied them since they are so dependent upon personnel savings and lease costs that have been called into question.

For example, contrary to the service a the certifying authority, the leadership of the H&SA group decided to impose a 7 percent personnel elimination based on expected economies of scale from co-locating the command with one of its major subordinate activities. Since the Army and not the group leadership will ultimately have to staff and operate the Army Materiel Command, their assessment is probably more accurate and the 7 percent personnel reduction should not have been imposed.

The GAO also questioned the assumed AT/FP costs associated with all leased buildings since these were not based on actual data that could have been collected. The H&SA JCSG applied a one-time arbitrary savings of over \$28 per square foot of leased space as a future cost avoidance, ignoring the Department's criteria that force protection/antiterrorism measure would not need to be implemented for leased where DOD personnel occupy less than 25% of the total building. In some cases, such as the Joint Forces Command in Suffolk, Virginia, or the Navy human resource

service center at the Stennis Space Center, would be minimal at best since they are already located in secure facilities.

In the five recommendations focusing on leased space the H&SA JCSG also derived substantial savings from a questionable assumption of the amount of square footage of new military construction required to compensate for vacating leased office space. For example, the recommendation to relocate miscellaneous Air Force and National Guard Bureau leased space to Andrews Air Force Base and the Arlington Hall would result in the reduction of 532,000 leased gross square feet. Yet, the costs of new construction in the recommendation proposes to construct 358,485 of gross square feet. The capacity analysis for Arlington Hall reveals an existing deficit of 61,815 square feet, while Andrews AFB has a surplus of 42,019 square feet. Neither the COBRA footnotes nor the proposed reduction in military personnel and contractors can justify the reduced square footage required to support the recommendation

Also, the H&SA JCSG did not use certified data to estimate the savings to be gained by vacating leased office space. Although initial data calls attempted to gather the costs associated with leased space, this information was eventually abandoned and replaced with an arbitrary cost per square foot expected to be incurred in future leases. No attempts were made to determine the conditions of the leases to be affected, expiration dates, and current useage, in contrast with other military departments and JCSG's which incorporated actual lease costs and supporting costs into their analysis. In certain cases, savings were taken as part of the BRAC recommendation for personnel previously planned to return to the Pentagon upon completion of renovations.

Furthermore, contrary to the BRAC law, the H&SA also failed to include the costs associated with lease payments that the General Services Administration will be responsible for after DOD entities vacate the space.

According to the GAO, *"after the final recommendations were released to the BRAC Commission, the group found errors in some recommendations, affecting one-time estimated savings and other costs and savings, which were still in the process of being corrected"* at the time that GAO issued its report.

There is also a problem associated with the savings that are assumed by the movement of miscellaneous Air Force activities from leased space to Andrews Air Force Base. The report outlining the Secretary's recommendations state that there is a one year payback and a \$30.8 million annual savings after implementation. However, the minutes of the meeting on this subject that was held January 13, 2005, state that there is a 100 + year payback and an annual savings of only \$0.7 million. What happened to dramatically change the numbers. The Department packaged this recommendation with an unrelated National Guard recommendation that did achieve savings. Would it not have been a wiser course of action, one that would save more money for the American taxpayer, to just move the National Guard function and leave the Air Force activities where they are? This would have been the prudent course of action if the legislated criteria to achieve savings were used in making the decision. However, since it was the OSD "imperative" to vacate leased office that was driving the decision, the DOD officials

sought to manipulate the data by packaging them together in a way to achieve savings, but of a smaller scale.

Was this the result of “gaming” the numbers as is asserted in the minutes of the H&SA meeting on February 24, 2005 where, as a result of the decision by the Chief of the Army Reserve to approve an increase from 7% to 20% personnel savings associated with moving the Army Reserve Command to Fort Detrick, “*members express concern that people are beginning to do some gaming with the numbers now and they intend to make the ISG aware.*” Perhaps. Since 32% of BRAC savings are to be achieved through personnel reductions, and since it is difficult to demonstrate that the assumed savings from personnel will ever be achieved. The proposed savings must be called into question.

It must also be remembered that in the case where military value is associated with the people, any savings from the loss of people would also result in a lower military value. You may remember the comments that the representative from the Missile Defense Agency made at the briefing to Secretary Principi in the Commission offices. He and the other technical commands (DARPA, ONR, DISA, etc...) stated that they would lose people and risk mission. Military value was given the highest priority in law. In the case of the activities in these leased office spaces, whether it is DARPA, ONR, DISA, MDA or many of the others, the military value is provided by the people. As you and I have all heard, many of these people have no intention of moving and will simply seek other jobs. DOD itself acknowledges this in their savings analysis. However, these people cannot be easily replaced. They have advanced degrees and as you know, it is difficult to hire people of that caliber and even harder to hire those who can get a clearance. Even if they can get a clearance, the current backlog is 328,913 people awaiting clearance that will take years. Rather than advance military value, these savings would dramatically hinder it.

The failure to use accurate, certified data, and the failure to include costs that would be incurred by other federal agencies as a result of the recommendations was a substantial deviation and calls into question all of the assumed savings resulting from the H&SA groups recommendations to vacate leased space.

**Headquarters and Support Activities (H&SA)
Military Value Not Priority
NCR and Leased Properties Targeted**

DOD Recommendation: Consolidate Defense Information Systems Agency and Establish Joint C4ISR D&A Capability, Relocate Army Headquarters and Field Operating Agencies, Collocate Missile and Space Defense Agencies, Consolidate Army Test and Evaluation Command (ATEC) Headquarters, Collocate Miscellaneous Army Leased Locations, Relocate Miscellaneous Department of Navy Leased Locations, Collocate Defense/Military Department Adjudication Activities, Collocate Miscellaneous Air Force Leased Locations and National Guard, Headquarters Leased Locations, etc...

Justification: Vacate leased office space and reduce DOD presence in the NCR.

Payback: Various

Economic Impact: Various

Community Infrastructure Assessment: Various

Environmental Impact: Various

Substantial Deviation: Military Value Not Priority

The Secretary of Defense did not comply with the BRAC stature to use the force structure, and the BRAC criteria established in law to develop recommendations. Instead, The Headquarters and Support Activities Joint Cross-Service Group (H&SA JCSG) relied on guidance not related to military value provided by representatives of the Secretary of Defense to focus on moving headquarters functions and vacating leased office space out of the National Capitol Region. The minutes of a February 17, 2005 meeting of the H&SA JCSG, record the acknowledgement that DOD's guidance to get out of leased office space, particularly in the NCR, could not be supported by the capacity assessment or military value analysis -- "*Was it DOD guidance to get out of leased space? Yes, but there is no supporting documentation--there was the general sense that being in the NCR is not good--most space in the NCR is leased, so the connection was made that vacating leased space is favorable.*" Rather than placing the guidance within the framework of a military value assessment to allow for adequate data collection, due consideration, and some sort of auditable scoring, it was conveyed to the members of the group by senior OSD officials outside the formal analysis process adopted by the H&SA JCSG. This guidance was clearly conveyed to the OSD member of the H&SA Joint Cross-Service Group by Ray Dubois in the minutes of the January 5, 2005, meeting of the H&SA group -- "*The OSD Member met with Mr. DuBois and gave him an NCR update. Mr. DuBois stated the leadership expectations include four items: (1) significant reduction of leased space in the NCR; (2) reduce DOD presence in the NCR in terms of activities and employees; (3) MDA, DISA, and the NGA are especially strong candidates to move out of the NCR; and (4) HSA JCSG should propose bold candidate recommendations and let the ISG and IEC temper those recommendations if necessary.*" These "expectations are further reinforced by the March 24, 2003, minutes of the H&SA Joint Cross-Service Group which state "*Thinning of headquarters in the National Capitol Region (NCR) remains a DOD objective.*" According to the justification accompanying the recommendation to move the Missile Defense Agency to Huntsville stated: "*this recommendation meets several important Department of Defense objectives with regard to the future of leased space,*

rationalization of the Department's presence within 100 miles of the Pentagon, and enhanced security for DOD activities." Note the absence of any connection to a BRAC criteria or to the military value principles established on Oct 14, 2004 by the Chairman of the Infrastructure Steering Group.

There is no substantive military value to locations outside the NCR as demonstrated by the continued presence of the Pentagon. For Major Headquarters activities, which require constant interaction with Pentagon leadership and the US Congress, the National Capitol Region should have a higher military value.

Since the headquarters activities identified by Mr. Dubois as *"especially strong candidates to move out of the NCR"* were in leased locations, and since the leadership wanted to vacate leased space in the NCR as a whole, the H&SA group developed a mechanism to score leased activities at a lower military value. Three weeks after the meeting in which the OSD representative to the H&SA JCSG conveyed Mr. Dubois expectations, a February 15, 2005 memorandum for the Chairman of the Infrastructure Steering Group directed a change in the metric associated with measuring military value and meeting DOD's new antiterrorist standards. According to that memorandum activities that are in DOD owned space would receive a score of 1 while activities located in leased locations where DOD represents 25% or more of the occupancy would receive a score of 0. The memorandum goes on to state that *"the implication of this metric change is that all leased space will now be largely scored poorly. The formalization of this methodology has a minimal impact on the military value results. The results of this change are consistent with the strategy used by HSA JCSG to pursue leased space"*.

Why would an activity in a DOD owned activity score higher for force protection than an activity that is in leased space simply because of who owns the title? How does the ownership of the facility affect standoff distances, blast resistant windows, or reinforced support beams—true measures of force protection? Is the new Office of Naval Research leased facility, built with force protection standards in mind, less secure than the Washington Navy Yard, 8th and I, or Los Angeles Air Force Base? The GAO stated in its report on July 1, 2005 that *"Initially, the group prepared military value data call questions that could determine whether a leased location met the force protection requirements. However, group officials stated that most of these questions were discarded because of inconsistencies in how the questions were answered."* Even with this admission, DOD changed the metrics late in the process to treat leased buildings different because, as their own statements demonstrate, their goal was to get out of leased space per the OSD imperative. Force protection was used as a justification and the military value metric was changed late in the process to achieve the desired end. The GAO stated in its July 1, 2005 report that *"the (DOD) official also stated that application of the standards in BRAC was not the result of a threat or vulnerability assessment of the affected facilities."*

This problem also existed in other Cross Service Groups as demonstrated by the minutes from the Technical Joint Cross-Service Group of February 22, 2005, which clearly state that DARPA and ONR had higher quantitative military values than Anacostia, which has a higher military value than Bethesda, but the decision was made to move them to the lowest military value of the

three. Among the justifications given: "*Vacate leased space in the National Capital Region.*"

The minutes of the Technical Joint Cross-Service Group of January 19, 2005, as it relates to the recommendation to move the extramural research elements (DARPA, ONR, etc.....) to Bethesda includes the statement that "*the military value analysis is irrelevant as this scenario strives to get out of leased space per the OSD imperative and there is currently no military value for research at Anacostia.*" This statement clearly demonstrates that military value and the OSD leased space imperative are separate issues and that, despite the law, the leased space imperative was given greater priority than military value and was the driving factor in this decision.

The GAO found that the H&SA JCSG developed proposal without receiving all the data and therefore relied on transformational goals and military judgement rather than the legislated criteria.

As noted throughout the minutes of the H&SA, vacating leased space was treated differently and installations inside the NCR were treated differently simply because they were leased facilities and/or inside the NCR. Direction to do so was provided by senior Pentagon officials as "imperatives" and "expectations". The Missile Defense Agency and the Defense Information Services Agency were specifically identified as likely candidates. This is in direct contradiction to section 2903(c)(3)(A) of the BRAC law which requires all installations within the United States to be treated equally. Never before have installations within a specific region been targeted by the Department of Defense for closure.

Vacating leased office space was identified as one of the draft transformational options in a June 19, 2003, memorandum for the Undersecretary of Defense from the acting chair of the HSA JCSG and cited in many H&SA JCSG meetings as the rationale for numerous recommendation. However, as stated in the March 22, 2005 briefing notes of the BRAC Red Team "*since transformation is not one of the final selection criteria, transformational justifications have no legal basis and should be removed.*"

The only selection criteria which were permitted to be used were those spelled out in section 2913 of title 10, United States Code. Section 2913(f) specifically states: "*(f) Relation to Other Materials—The final selection criteria specified in this section shall be the only criteria to be used, along with the force structure plan and infrastructure inventory referred to in section 2912, in making recommendations for the closure or realignment of military installations inside the United States under this part in 2005.*"

Giving priority to OSD imperatives and Transformational Options, rather than military value is a substantial deviation from section 2913. Treating leased facilities and installations within the NCR is a substantial deviation from section 2903(c)(3)(A) that requires all installations to be treated equally.

— Scott Muddman
202-343-3080 X

Van Saun, David, CIV, WSO-BRAC

From: Durso, James, CIV, WSO-BRAC
Sent: Monday, August 01, 2005 11:16 AM
To: Van Saun, David, CIV, WSO-BRAC
Subject: RE: Clearinghouse Tasker #0504

— Mike Chipley, PBST
703-471-7275 x231
703-434-1891 (m)

Dave,

Any idea when the OSD meeting is? Gehman wants to talk about this next week.

Jim

From: Van Saun, David, CIV, WSO-BRAC
Sent: Friday, July 29, 2005 11:31 AM
To: Dean, Ryan, CIV, WSO-BRAC
Cc: Durso, James, CIV, WSO-BRAC; Schmidt, Carol, CIV, WSO-BRAC; Turner, Colleen, CIV, WSO-BRAC
Subject: FW: Clearinghouse Tasker #0504

FYI

From: Cirillo, Frank, CIV, WSO-BRAC
Sent: Monday, July 25, 2005 6:37 PM
To: Van Saun, David, CIV, WSO-BRAC
Cc: Cook, Robert, CIV, WSO-BRAC; Dinsick, Robert, CIV, WSO-BRAC
Subject: FW: Clearinghouse Tasker #0504

I actually saw this when it came in and was somewhat conversant about it when I bumped into a friend of mine who represents MDA and is apparently setting up a meeting with us. Pretty embarrassing for OSD.

From: Van Saun, David, CIV, WSO-BRAC
Sent: Monday, July 25, 2005 1:34 PM
To: Cirillo, Frank, CIV, WSO-BRAC; Cook, Robert, CIV, WSO-BRAC
Cc: Dinsick, Robert, CIV, WSO-BRAC
Subject: FW: Clearinghouse Tasker #0504

Frank and Bob - In case you haven't seen this. How did they "miss" the PEO?

From: Durso, James, CIV, WSO-BRAC
Sent: Monday, July 25, 2005 10:13 AM
To: Van Saun, David, CIV, WSO-BRAC
Cc: Dinsick, Robert, CIV, WSO-BRAC; Durso, James, CIV, WSO-BRAC
Subject: FW: Clearinghouse Tasker #0504

Dave,

If you liked the 902 MI Group "oopsie" you'll love PEO-MS... The JCSG missed the PEO - Missiles and Space, and the 506 people, when it was building the recommendation to collocate the missile and space defense agencies. Problem is, PEO-MS holds the lease for the SMDC building in downtown Huntsville, which means the

building will not be vacated per the recommendation which states "Close the Space and Missile Defense Command (SMDC) Building, a leased installation..." Recommend we press ahead with the issue and let the Army eat the cost of moving PEO-MS.

Jim

Assume MDA moves to Redstone Arsenal, AL:

1. Please illustrate, by functional area, which MDA units will work with which units of the missile and space defense organizations now resident in Huntsville/Redstone.

Our focus in reengineering the Missile Defense Agency is to streamline our organization to take advantage of the geographic centers of gravity where our work is being performed today. The Space and Missile Defense Command (SMDC) in Huntsville provides systems engineering, testing and evaluation, and resource management support to three of MDA's element program offices – the Ground-Based Midcourse Defense (GMD) office, the Terminal High Altitude Area Defense (THAAD) office and the Targets and Countermeasures office. The Army's Lower Tier Program Office (Patriot, Patriot Advanced Capability (PAC-3) and Medium Extended Air Defense System (MEADS)) is also located in Huntsville, and the SMDC hosts the Army's Missile Defense Technology Development Center.

We intend to leverage the significant expertise already resident in the Huntsville region by organizing a Missile Defense Agency Joint Program Office at Redstone Arsenal. The JPO will comprise multiple centers of excellence. An Interceptor Systems Center of Excellence will consolidate work on missile defense interceptors under one organization to streamline management and improve incorporation of lessons learned in the development and production of various ballistic missile defense interceptors. Similar centers will be established for development and production of BMD Sensors; Command and Control, Battle Management and Communications (C2BMC); Targets and Countermeasures; and Modeling and Simulation. We are also consolidating management and execution of BMD System level testing under a Combined Test Force at Redstone Arsenal.

This consolidation of BMD activities at Redstone Arsenal will be supported by a centrally located command-common support office (functional support for legal, security, personnel, resource management, and information technology services). Matrixed staff will be collocated in each of the centers of excellence to provide business management, contracting, and engineering expertise. We expect this new organizational construct will improve communication between various members of the MDA team and will allow us to more effectively integrate a variety of systems and technologies to operate as a single integrated BMD System capable of defending the United States, our deployed forces, allies and friends against ballistic missile threats of all ranges and in all phases of flight.

While we will have a significant Missile Defense Agency presence in Huntsville, we will still have important development efforts located in other geographic regions across the country. Our Aegis Ballistic Missile Defense efforts are necessarily co-located with the Navy's Aegis and Standard Missile offices in the National Capitol Region and at Moorestown, NJ. Our space activity is located at Los Angeles Air Force Base in California, and our directed energy work is centered at Kirtland Air Force Base in New Mexico. We use our Joint National Integration Center in Colorado Springs to host wargames and exercises with the joint warfighter community and for international partners. This facility is also a secure BMDS-level C2BMC development testing and

operation center. Each of these efforts requires unique infrastructure in their current location that offsets the benefits of relocating these efforts to Huntsville.

2. As a residual calculation, what size headquarters office will optimally represent the new working relationships in #1 to the Washington, D.C. leadership?

Our reengineering effort is based on the premise of centralized decision-making and decentralized execution. Ballistic Missile Defense is a unique DoD mission area and acquisition program that requires a strong centralized management organization in the National Capitol Region. MDA senior leadership regularly interacts with national senior leadership in the White House, Department of Defense and the Congress, as well as the military Services, the State Department and participating international governments/partners. Management of this complex and dispersed program of work requires a strong centralized program management and system integration organization co-located with the Director and Staff. Regular close collaboration with the Military Services maximizes the value of investments and facilitates delivery of militarily useful capability to the Warfighter. Dispersing too much of the Headquarters Staff away from MDA senior leadership will complicate coordination and integration efforts and will delay decision cycle time.

In the response to Question #1 we described the field activities responsible for executing (e.g., building, testing, fielding, training) assigned BMD work. For optimum overall program management, we require a strong centralized headquarters management office in the NCR for the following:

- I. Administering the Agency
 - Strategic planning and communications
 - Human resource management
 - Information management
 - BMD security, intelligence support and counter-intelligence
 - Small and disadvantaged business utilization
- II. Acquisition Executive functions
 - Acquisition policy, planning and strategy
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 - Contracting policy
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 - Warfighter involvement program planning
- III. BMDS Program Management functions
 - Safety, quality and mission assurance policy and implementation
 - BMD System engineering and architecture management
 - System, product, interface specification development
 - Advanced concept/technology development and integration

- Small Business Innovation Research
- Producibility and manufacturing improvement
- BMDS transition and transfer planning and strategy

We currently have 403 government people and approximately 1600 collocated contractors assigned to headquarters positions that will remain NCR functions in the new organization. We are working to evaluate additional functions that could be transferred to outside the NCR in order to reduce the MDA's NCR footprint to approximately 291 total positions.

OSD Comments of 15 Aug 2005

Co-locate Missile and Space Defense Agencies

Issue: DoD recommended moving several Missile Defense Agency (MDA) activities to Redstone Arsenal, AL. The Commission is considering adding the Program Executive Office Missile Systems, in leased space in Huntsville, AL, to this recommendation and increasing the size of the MDA Headquarters contingent remaining in the NCR from 150 to 300.

Key Points:

- Adding PEO Missile Systems to organizations relocating onto Redstone is beneficial to enhance mission synergy and reduces additional leased space.
- Increasing MDA liaison staff levels in the NCR is inconsistent with the certified data provided by MDA and would be an inefficient use of resources.

DoD Position: The Department does not oppose adding the PEO Missile Systems organization to those being located onto Redstone Arsenal (although this would appear to expand the scope of the Secretary's recommendation). However, we do not agree that the number of personnel being retained in the NCR to support a MDA liaison office should exceed the 150 identified in the Secretary's recommendation. The Department has other organizations maintaining liaison functions within the NCR and they have been able to conduct their mission with far fewer personnel. Retaining 300 personnel in a liaison office is not an efficient use of DoD personnel or resources.

Impact on DoD: Retaining an additional 150 personnel to support a MDA liaison office is an inefficient use of DoD resources. The 20-year Net Present Value of this recommendation is a savings of \$359M.

DRAFT

Trip Report

Location: Redstone Arsenal, AL 35898-5000

Visit Date: 7 June, 2005

Purpose of Visit: Review proposed BRAC actions with functional and garrison personnel, examine plans to accommodate gains, conduct tours of critical sites, review requirements of functions leaving the installation.

Commissioner: This is a net gaining site. No Commissioner visited the site. No Commissioner visits are planned.

Lead Analyst: C. Dean Rhody, Army Team. No other BRAC personnel were on this trip.

Major BRAC Recommendations Affecting Installation:

Gains -

- Second Recruiting Brigade from Ft Gillem closure (167 personnel)
- Aviation Technical Test Center realigned from Ft Rucker (140 personnel)
- Army Material Command realigned from Ft Belvoir (1222 Personnel)
- Missile Defense Agency from various leased space (700 personnel)

Losses -

- Ordnance, Munitions & Electronic Maintenance School realignment to Ft Lee (1442 personnel)
- Information Systems Development & Acquisition realignment to Aberdeen Proving Grounds (37 Personnel)
- Joint Program Office Robotics (Robotic Development and Acquisition) realigned to PEO GCS at Detroit Arsenal (77 personnel)
- Inventory Control Point realigned to DCS, Richmond, VA (71 personnel)

Summary of actions: Agenda attached. Conducted interviews with garrison commander, Master Planner, Chief Robotics Systems Joint Projects Office, Deputy Commandant OMEMS, and various staff personnel.

Summary of findings:

Issues not requiring clarification -

- Infrastructures shortfalls may require additional augmentation in roads (widening of one road from two- to four-lanes) and water (minor increase to treated water distribution system). Handled through implementation.

DRAFT

Issues requiring clarification –

- Joint Program Office Robotics (Robotic Development and Acquisition) is already a joint Army-Marine operation with Navy funding. Its mission is developing, testing, and even fielding cutting-edge robots for use in theater. Robotic devices essentially have three integrated components: the vehicle that carries the payload, the payload, and the software to make the robot work. The DOD proposal would split out the vehicle and transfer it to PEO GCS at Detroit Arsenal. Detroit Arsenal does not have the land necessary to test such devices. Additionally, the robot is usually developed as a unit. While the Redstone personnel indicated that the recommended split could work, there is no clarity on how such a split would increase military value over the present arrangement. Will require clarification from DOD on estimate of military value gained.
- OMEMS conducts training in hazardous devices with emphasis on explosive ordnance disposal (EOD). The school element that conducts the training is heavily involved in supporting the FBI Hazardous Devices Training facility, located on Redstone Arsenal. The training facility is a national resource, training both federal and state personnel. Additionally, the explosives used in the training may exceed the capacity of Ft Lee both in terms of range safety fans and noise abatement issues. No such problems exist at Redstone Arsenal. Will require clarification from DOD on intent for the location of the training and any mitigating actions required.

Other –

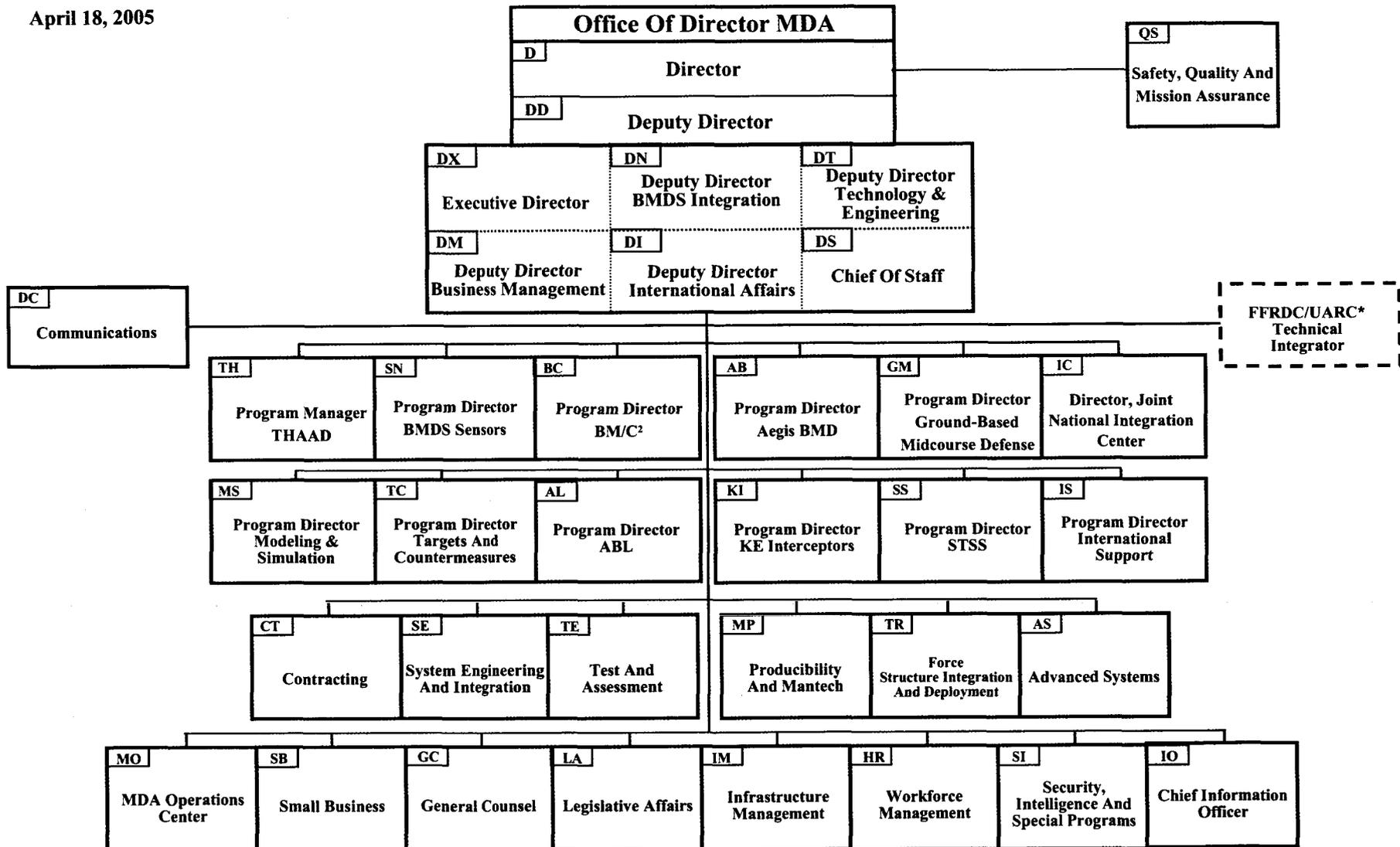
During his testimony before the Committee, Dr Craig College cited previous PCS experience for major RDT&E moves. He stated that only 25% of the existing workforce transferred to the new site. The local community of Huntsville has conducted previous highly successful efforts under such conditions to draw in as many of the existing workforce as possible. The actual number at Redstone in a previous BRAC move was ^{+60%} 75% transfer. Recommend that the Commission defer any consideration of this issue unless additional information is provided.

→ St Louis, 1995 - Aviation function of Aviation and Troop Command
 C. Dean Rhody
 Senior Analyst
 Army Team, BRAC Commission
 engineering & science positions
 — Ph.D concentration in Huntsville



Missile Defense Agency

April 18, 2005



*Federally Funded Research & Development Center / University Affiliated Research Center

U.S. Army Space & Missile Defense Command/U.S. Army Forces St

[SMDC/ARSTRAT HOME](#)

[About US](#)

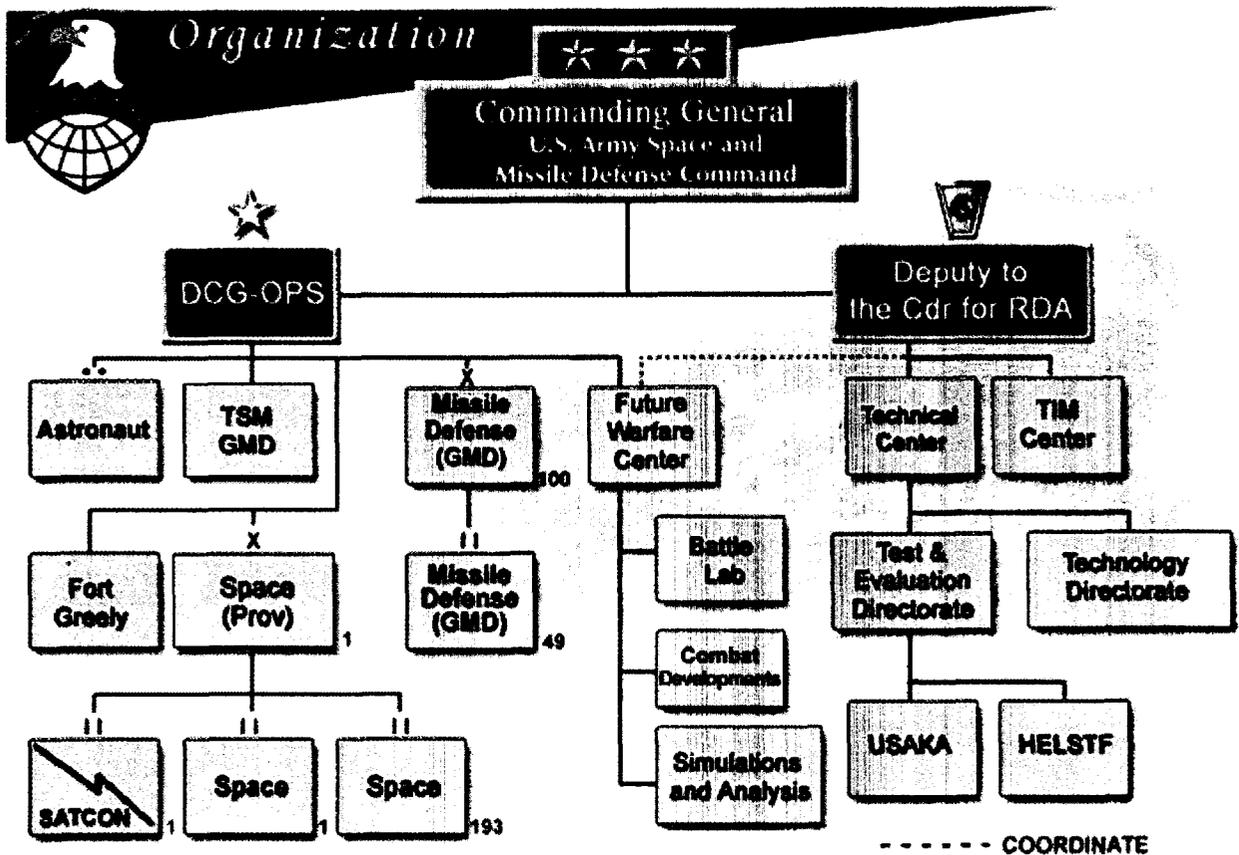
[Fact Sheets](#)

[Public Affairs](#)

[Photo Gal](#)

 <p><u>Lt. Gen. Larry J. Dodgen</u> USASMDC/ARSTRAT Commanding General</p>	 <p><u>Michael C. Schexnayder</u> Deputy to the Commander for Research, Development & Acquisition</p>	 <p><u>Col. (P) Jeffrey C. Horne</u> Deputy Commander for Operations Space & BMD Forces</p>
 <p><u>Col. James L. Bedingfield</u> USASMDC/ARSTRAT Chief of Staff</p>	 <p><u>CSM David Lady</u> Command Sergeant Major NCO Professional Development</p>	<p><i>Vacant</i> Chief Scientist</p>

Organization Elements



Points of Contact

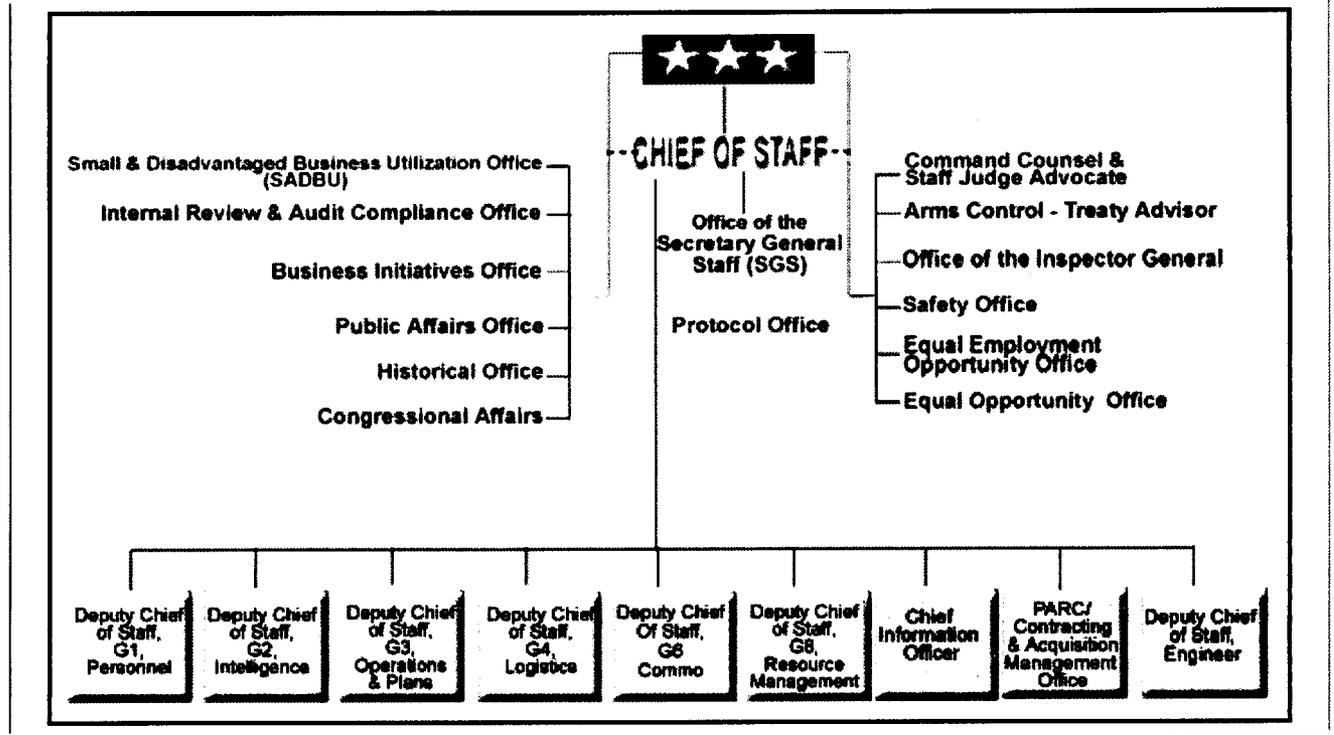
Commanding General
 USASMDC/ARSTRAT
 P.O. Box 15280 Arlington, VA 22215-0280
 703-607-1874 DSN 327 FAX 703-607-1879
 Office of the Chief Scientist - 703-607-1876
 Command Sergeant Major - 703-607-1957

Command Staff
 Space & BMD Forces
 Technical Interoperability and Matrix Center
 Space & Missile Defense Future Warfare Center
 Space & Missile Defense Technical Center
 Test and Evaluation Directorate - *Reagan Test Site* /
 HELSTF

Deputy to the Commander for
 Research, Development & Acquisition
 P.O. Box 1500 Huntsville, AL 35807 - 3801
 256-955-3501/3401 DSN 645 Fax 256-955-1056
 Executive Officer 256-955-3502

Deputy Commander for Operations
 350 Vandenberg Street, Suite 1200
 Peterson AFB, CO 80914 - 4909
 719-554-1801 DSN 692
 Executive Officer: 719-554-1802
 Aide-de-Camp: 719-554-1803
 Protocol/Admin Asst.: 719-554-1806

Staff Offices



Program Executive Office Missiles and Space

Content

Home
Army Space Project Office
Aviation Rockets and Missiles
Close Combat Weapons Systems
Common Missile
Cruise Missile Defense Systems
Integrated Fire Control
Joint Tactical Ground Station
Lower Tier
Non Line of Sight Launch System
Precision Fires



Program Executive Office Missiles and Space

The PEO Missiles and Space mission is to provide the American soldier with the finest, combat effective and supportable missile exploitation/control systems in the world in a timely and cost-effective manner while fully supporting The Army's Transformation. Missiles and Space has a vision of a world class government / industry team that gives the American soldier unparalleled capabilities that allow our Army to the fight and win on the 21st century battlefield with minimal casualties in the shortest time.

Established in January 2005 by merging the PEO Air, Space and Missile Defense and the PEO Tactical Missiles, the Office is centralized management of the Army's missile and space exploitation and control systems. The PEO reports directly to the Army Executive and provides overall direction and guidance for missile and space exploitation/control systems development, production, integration, and life cycle support. The PEO manages roughly \$3 billion annually in the execution of the assigned programs. This is accomplished with a combined core/matrix staff of approximately 950 civilian and military professionals organized under nine program offices and the PEO staff.

ARMY AKO ASA(ALT) Redstone Arsenal Community 508 Compliance Sitemap Disclaimer



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
DEPUTY CHIEF OF STAFF, G-8
700 ARMY PENTAGON
WASHINGTON DC 20310-0700
HSA-JCSG-D-05-444

DAPR-ZB

12 July 2005

MEMORANDUM FOR OSD BRAC CLEARINGHOUSE

SUBJECT: OSD BRAC Clearinghouse Tasker #0504 – Subject: Redstone Arsenal (2)

1. Reference: Memo, dated 9 July 2005, from R. Gary Dinsick, Army Team Leader, Defense Base Closure and Realignment Commission, Subject: BRAC Commissioners' Principi and Newton Base Visit to Fort Eustis, VA. (sic)
2. Issue/Question: Reference Base Closure and Realignment report, Volume 1, Part 1, page H&SA-15 under the heading "Co-locate Missile and Space Defense Agencies." The second paragraph of the recommendation states "Close the Space and Missile Defense Command (SMDC) building, a leased installation in Huntsville, AL.. Relocate all functions of the Missile Defense Agency (MDA) to Redstone Arsenal, AL." SMDC and MDA can be moved from the leased installation onto Redstone Arsenal per the recommendation. However, the leased installation (SMDC building) can not be closed since it will still house the Program Executive Office, Missiles and Space (PEOMS) (506 personnel). The PEOMS holds the lease for the SMDC building. Since the recommendation states "Close the SMDC building", is it the intent of the recommendation to relocate PEOMS onto Redstone Arsenal and terminate the lease or leave them in Off-post leased space? If the intent is to move PEOMS out of leased space and onto Redstone Arsenal, the PEOMS should be included in the recommendation and the COBRA model for the recommendation.
3. Response: The HSA JCSG was not aware of the existence of the PEOMS and its presence in the SMDC building. PEOMS information was not reported to the HSA JCSG during the Capacity Data Call in response to Question 311 regarding leased space located outside of the NCR, nor was the information brought to the attention of the JCSG during the Scenario Data Call process. As such, the JCSG believed that the only remaining occupant in the referenced building was MDA. Had we been aware of the PEOMS, it would have been included in the recommendation to relocate to Redstone Arsenal; however, it appears that it may be too late to add an additional activity to a BRAC recommendation. We will bring this issue to the attention of the Commission staff (HSA-JCSG team) and suggest rewording the recommendation to read "Realign the SMDC building". We would also suggest that Army consider moving PEOMS to Redstone outside of the BRAC process.
4. Coordination: None required.

CARLA K. COULSON

COL, GS

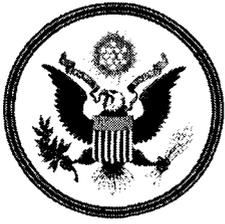
Deputy Director, Headquarters and
Support Activities JCSG

2 Aug 2005

PEO-M3 in SMDC Bldg

Dan Cowley

- qualifies as an add.
- best option: mention letter in remarks that it is appropriate that the PEO-M3 be moved to Redstone Arsenal as is performing a function similar to other organizations that are being moved.
- do in the implementation stage.



DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

2521 SOUTH CLARK STREET

ARLINGTON, VA 22202

TELEPHONE: (703) 699-2950

Chairman: The Honorable Anthony J. Principi
Commissioners: The Honorable James H. Bilbray • The Honorable Philip E. Coyle III • Admirable Harold W. Gehman, Jr., USN (Ret.) • The Honorable James V. Hansen
General James T. Hill, USA (Ret.) • General Lloyd W. Newton, USAF (Ret.) • The Honorable Samuel K. Skinner • Brigadier General Sue Ellen Turner, USAF (Ret.)
Executive Director: Charles Battaglia

June 11, 2005

TO: Clearinghouse@wso.whs.mil

CC: Robert.Meyer.CTR@osd.mil, Nathaniel.Sillin@wso.whs.mil,
Robert.Dinsick@wso.whs.mil, Dean.Rhody@wso.whs.mil, Aaron.Butler@wso.whs.mil

FROM: BRAC Commission

SUBJECT: BRAC Commissioners' Principi and Newton Base Visit to Fort Eustis, VA.

Reference Base Closure and Realignment report, Volume 1, Part 1, page H&SA-15 under the heading "Co-locate Missile and Space Defense Agencies." The second paragraph of the recommendation states "Close the Space and Missile Defense Command (SMDC) building, a leased installation in Huntsville, AL.. Relocate all functions of the Missile Defense Agency (MDA) to Redstone Arsenal, AL." SMDC and MDA can be moved from the leased installation onto Redstone Arsenal per the recommendation. However, the leased installation (SMDC building) can not be closed since it will still house the Program Executive Office, Missiles and Space (PEOMS) (506 personnel). The PEOMS holds the lease for the SMDC building. Since the recommendation states "Close the SMDC building", is it the intent of the recommendation to relocate PEOMS onto Redstone Arsenal and terminate the lease or leave them in Off-post leased space? If the intent is to move PEOMS out of leased space and onto Redstone Arsenal, the PEOMS should be included in the recommendation and the COBRA model for the recommendation.

30 Jul '05
Caval-
you can't remember if
you & I talked on this but it's
your turf (Oops!) Answer to this was
they want to move out of the building. Have
you requested a new COBRA to capture the increased
MILCON?
Dean Rhody
Jim

Regards,

R. Gary Dinsick
Army Team Leader



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
DEPUTY CHIEF OF STAFF, G-8
700 ARMY PENTAGON
WASHINGTON DC 20310-0700
HSA-JCSG-D-05-494

DAPR-ZB

11 August 2005

MEMORANDUM FOR OSD BRAC CLEARINGHOUSE

SUBJECT: OSD BRAC Clearinghouse Tasker 0847 – Missile Defense Agency

1. Reference letter from Mr. Frank Cirillo, BRAC Commission, 10 June 2005.
2. Issue/Question:

I respectfully request a written response from the Department of Defense concerning following question:

Assume MDA moves to Redstone Arsenal, AL.

- 1) Please illustrate by functional area, which MDA units will work with which units of the missile and space defense organizations now resident in Huntsville/Redstone.
- 2) As a residual calculation, what size headquarters office will optimally represent the new working relationships in #1 to the Washington, D.C. leadership?

I would appreciate your response by August 9, 2005. Please provide a control number for this request and do not hesitate to contact me if I can provide further information concerning this request. My point of contact is Mr. James Durso.

3. Response:

Attached please find the response to the noted questions as provided by the Missile Defense Agency.

Please note, however, that the HSA JCSG strongly disagrees with MDA's conclusion that it requires a headquarters office in the NCR of 291 personnel, which is 141 personnel larger than the certified number provided by MDA in May 2005. The figure of 150 personnel that is included in the current recommendation and the existing COBRA run was fully discussed and vetted with MDA prior to its inclusion in the analysis, and Mr. Michael Wynne, former

DAPR-ZB

SUBJECT: OSD BRAC Clearinghouse Tasker 0847 – Missile Defense Agency

Under Secretary of Defense for AT&L and Chairman of the Infrastructure Steering Group, to whom MDA reported during the BRAC process, participated in discussions to determine the size of MDA's remaining office in the NCR. Mr. Wynne fully supported the relocation of the vast majority of MDA's NCR-based operations to Huntsville and stated that an office of 150 personnel was on the high end of what should be required for MDA in the NCR.

4. Coordination: Mr. David Altwegg, MDA.



CARLA K. COULSON

COL, GS

Deputy Director, Headquarters and
Support Activities JCSG

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- BMDS transition and transfer planning and strategy

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Columbia

EQUITY TRUST, INC.

SUFFOLK BUILDING EXECUTIVE SUMMARY

BRAC Report Reference: H&SA—0047 Headquarters & Support Activities Joint Cross-Service Group

Address: 5611 Columbia Pike, Falls Church, Virginia

Tenancy: 100% leased to: GSA on behalf of Missile Defense Agency and TKC Communications, a contractor under exclusive facility procurement contract with MDA
(Note: TKC Communications does not have staff in the building; the entire facility is occupied by MDA military and civilian personnel)

Anti-Terrorism/Force Protection: FULL COMPLIANCE WITH DoD UNIFIED FACILITIES CRITERIA 04-10-01

GSA Lease Terms:

Base Rent: \$21.54 per rentable square foot, non-escalated
Lease Expiration: December 15, 2013
(GSA may terminate as of December 16, 2010 upon 6 months notice)

Size: 257,425 rentable square feet

Occupancy History: Continuously occupied by Department of Defense (U.S. Army) from delivery in 1964 until 2000. Underwent complete renovation from 2001 to 2003. MDA lease executed August 2003.

Renovation Costs: GSA, on behalf of MDA, and building ownership together invested **\$37.6 million** (\$146 per square foot) in base building renovation, interior improvements and security upgrades. Total government contribution totaled \$18.1 million, which funded blast resistant window film, power and secure communication upgrades, closed circuit surveillance network, minimum 7 foot perimeter fencing, permanent guard stations and vehicular barriers, and a large SCIF. Through the base building renovation, the building has a new roof, fire protection system and interior buildout, and upgraded elevators and HVAC. The final phase of the site security improvements (\$1.8 million) is fully funded and commenced in July 2005.

Suffolk Bldg

2 Aug 2005

Bung Rhoads: substantial deviation from selection criteria.

Chairman: Columbia Equity Trust

J.P. Morgan

↓
Suffolk Bldg

own - benefit
may 4

Scott Melman

- \$37m renovation, 2001-03
- GSA lease to 2013; can terminate in 2010.
 - started Aug 2003 (10 year, 4mo)
- \$17.00 sq ft - lease today. (#24-25, rest of Nova).
- Mike Chipley, PBS&T.
- Security Survey - Nova.
- ~~the~~ Suffolk Bldg - campus.
- UFCs part of renovation.
- 3 HVACs: IT, elevators, rest of bldg.

\$1600 in, can
hold ~800

Text re future usability by DoD, USG.

Lease to 2013 - 82' stl OK to them

Rhoads:

→ make "realignment" vs. "Clause". Don't want to be foreclosed from \$450B DoD budget.

MDA include in Suffolk?

**Table B-1 Minimum Standoff Distances
for New and Existing Buildings**

Location	Building Category	Standoff Distance or Separation Requirements			
		Applicable Level of Protection	Conventional Construction Standoff Distance	Effective Standoff Distance ⁽¹⁾	Applicable Explosive Weight ⁽²⁾
Controlled Perimeter or Parking and Roadways without a Controlled Perimeter	Billeting	Low	45 m ⁽³⁾ (148 ft.)	25 m ⁽³⁾ (82 ft.)	I
	Primary Gathering Building	Low	45 m ⁽³⁾⁽⁴⁾ (148 ft.)	25 m ⁽³⁾⁽⁴⁾ (82 ft.)	I
	Inhabited Building	Very Low	25 m ⁽³⁾ (82 ft.)	10 m ⁽³⁾ (33 ft.)	I
Parking and Roadways within a Controlled Perimeter	Billeting	Low	25 m ⁽³⁾ (82 ft.)	10 m ⁽³⁾ (33 ft.)	II
	Primary Gathering Building	Low	25 m ⁽³⁾⁽⁴⁾ (82 ft.)	10 m ⁽³⁾⁽⁴⁾ (33 ft.)	II
	Inhabited Building	Very Low	10 m ⁽³⁾ (33 ft.)	10 m ⁽³⁾ (33 ft.)	II
Trash Containers	Billeting	Low	25 m (82 ft.)	10 m (33 ft.)	II
	Primary Gathering Building	Low	25 m (82 ft.)	10 m (33 ft.)	II
	Inhabited Building	Very Low	10 m (33 ft.)	10 m (33 ft.)	II

(1) Even with analysis, standoff distances less than those in this column are not allowed for new buildings, but are allowed for existing buildings if constructed/retrofitted to provide the required level of protection at the reduced standoff distance.

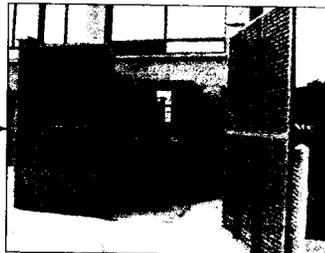
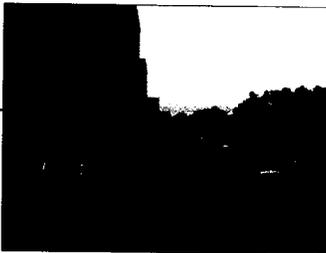
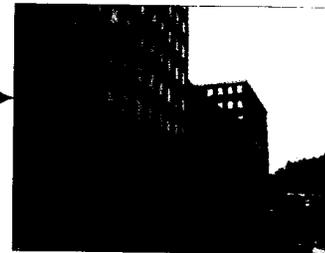
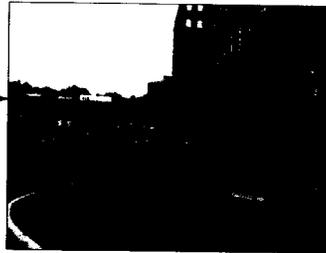
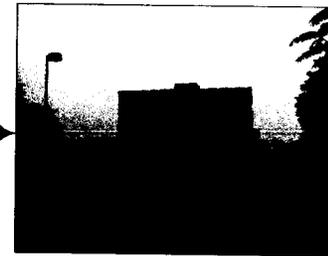
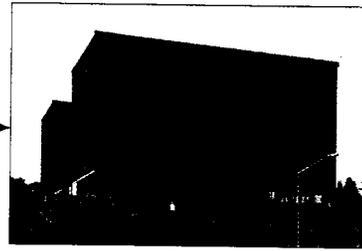
(2) See UFC 4-010-02, for the specific explosive weights (kg/pounds of TNT) associated with designations – I and II. UFC 4-010-02 is For Official Use Only (FOUO)

(3) For existing buildings, see paragraph B-1.1.2.2 for additional options.

(4) For existing family housing, see paragraph B-1.1.2.2.3 for additional options.

SUFFOLK BUILDING DoD COMPLIANCE MATRIX

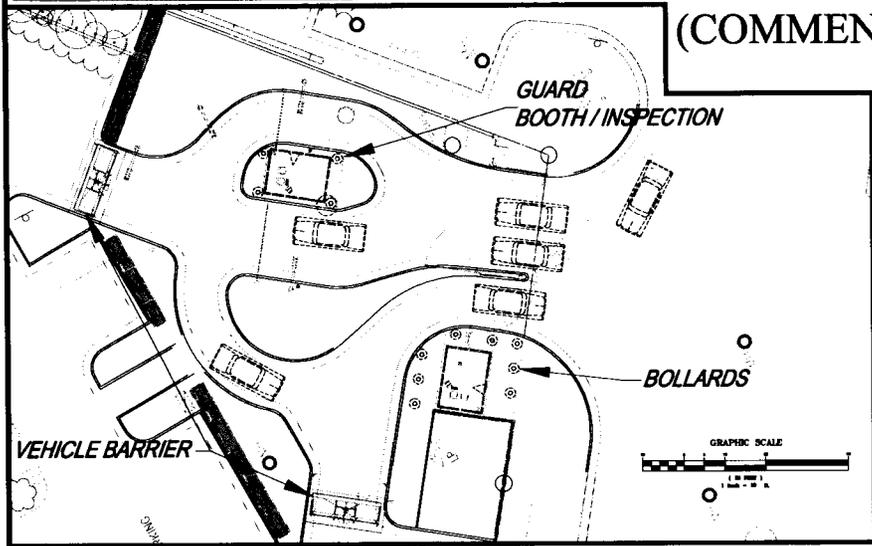
UFC STANDARD	RATING	SITE/BUILDING FEATURES
Standard 1: Minimum Stand-Off Distance	★★★	Site has stand-off distance on all sides and building has effective hardening against explosive weight I. Site is a military installation campus equivalent in urban environment within 5 miles of Pentagon.
Standard 2: Unobstructed Space	★★★	There are no unobstructed spaces on the site.
Standard 3: Drive-Up/Drop-Off Areas	★★★	There is full control of Drive-Up and Drop-Off areas.
Standard 4: Access Roads	★★★	There is full perimeter control of access roads onto site, building sits on elevated hill, topography limits vehicle high-speed approach and line of sight weapons from all directions, and existing 18' wall provides enhanced blast protection.
Standard 5: Parking Beneath Buildings or on Rooftops	★★★	There is no underground or rooftop parking.
Standard 6: Progressive Collapse Avoidance	★	The building is 7 stories tall with structural steel frame and bay system separation, significant load deformation capability and damage absorption capacity.
Standard 7: Structural Isolation	★★★	The bays and wings are self contained, no external features to initiate or propagate collapse.
Standard 8: Building Overhangs	★★★	There is a single front entrance lobby canopy with over 148 feet of stand-off to the entry access control.
Standard 9: Exterior Masonry Walls	★★★	There are no unreinforced exterior masonry walls.
Standard 10: Windows, Skylights and Glazed Doors	★★★	Glazing units and storefront are double pane thermal insulated windows with a full wet seal Fragmentation Resistant Film application.
Standard 11: Building Entrance Layout	★★	There is one lobby entrance, three staff entrances and one small loading dock entrance, all under full CCTV and card access control and straight line of sight from all directions.
Standard 12: Exterior Doors	★★★	There are four main entrances and all open outward.
Standard 13: Mailrooms	★★	There is a small internal mailroom, all mail and packages are pre-screened at the Pentagon.
Standard 14: Roof Access	★★★	The roof access is via two doors under lock and key held by Security and Facility Engineers and monitored by CCTV at the top entrance.
Standard 15: Overhead Mounted Architectural Features	★★★	Overhead equipment, lighting, and systems are braced and secured by threaded rod and/or four wire attachment.
Standard 16: Air Intakes	★★★	There are three HVAC systems for the building, primary air intakes are on the roof, secondary window units operate via electronic clamps.
Standard 17: Mailroom Ventilation	★	The mailroom is in first floor zone and can be isolated from rest of building and can be placed on standalone system, however, mail is pre-screened at Pentagon and procedural mitigates requirement.
Standard 18: Emergency Air Distribution Shutoff	★★	Full HVAC system emergency shutdown is accomplished via a combination of the energy management system and manual disconnect of exhaust fans and elevators.
Standard 19: Utility Distribution and Installation	★★★	There are two dual end electrical transformers in underground vault, emergency generator power with an additional quick connect, redundant telecommunications, new gravity fed water line mains, and gravity waste water system. Additional space for portable power, cooling, heating with external connections.
Standard 20: Equipment Bracing	★★★	Overhead equipment, lighting, and systems are braced and secured by threaded rod and/or four wire attachment.
Standard 21: Under Building Access	★★★	There is only one under building access point for Dominion Power under lock and key held by Security and Facility Engineers and monitored by CCTV.
Standard 22: Mass Notification	★★★	There is a full building mass notification systems consisting of a fire alarm and an additional 2 Giant Voice speakers.



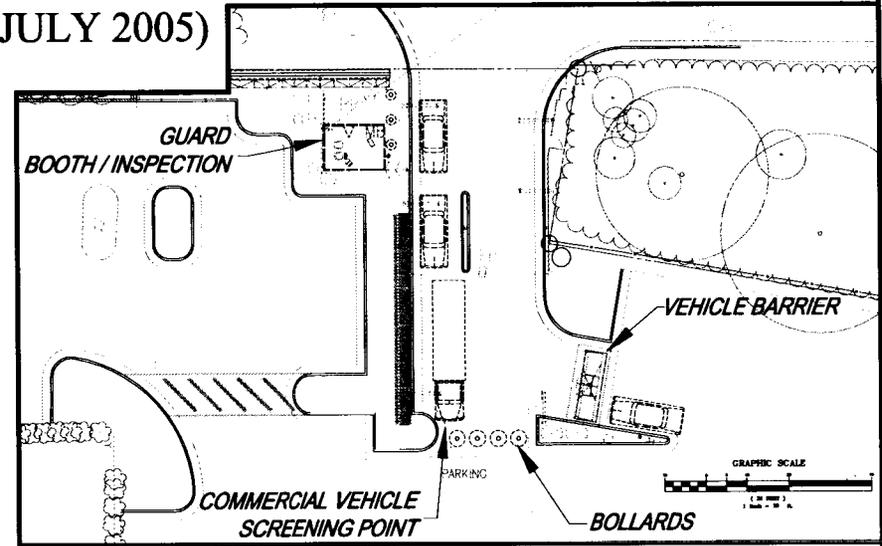
★★★ - Substantial Risk Reduction above Minimum
 ★★ - Significant Risk Reduction above Minimum
 ★ - Meets Minimum Standard

SUFFOLK BUILDING SITE SECURITY IMPROVEMENTS

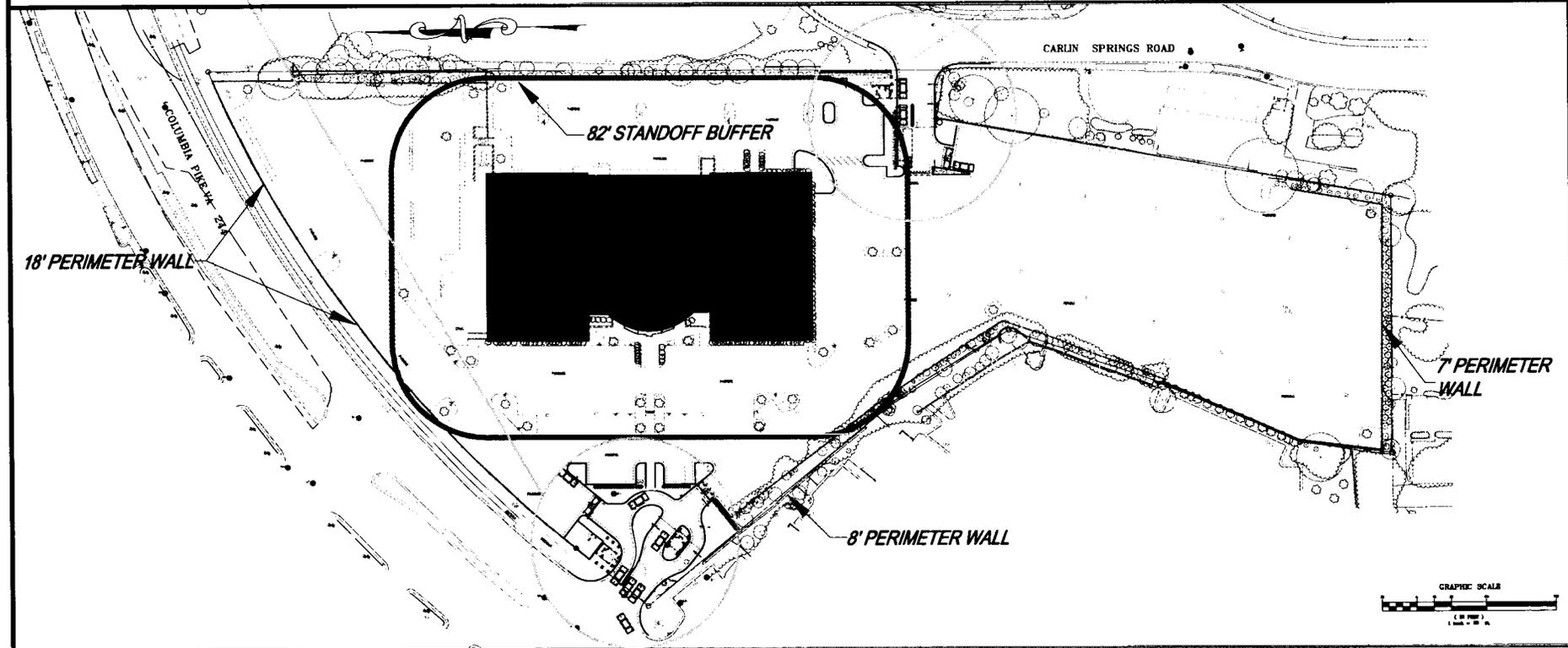
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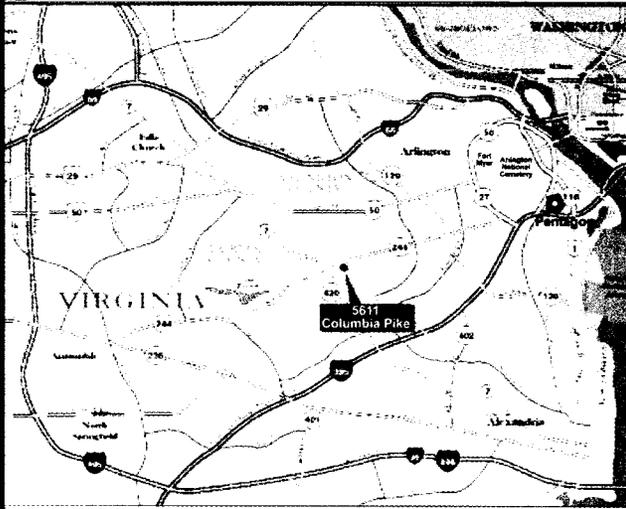
MAIN ENTRANCE



SIDE ENTRANCE



SUFFOLK BUILDING PROXIMITY AND EASE OF ACCESSIBILITY



ACCESSIBILITY



MDA FACILITIES

-  SUFFOLK BUILDING
-  FEDERAL OFFICE BUILDING 2/NAVY ANNEX
-  LOGICON
-  CRYSTAL SQUARE II
-  CRYSTAL MALL IV

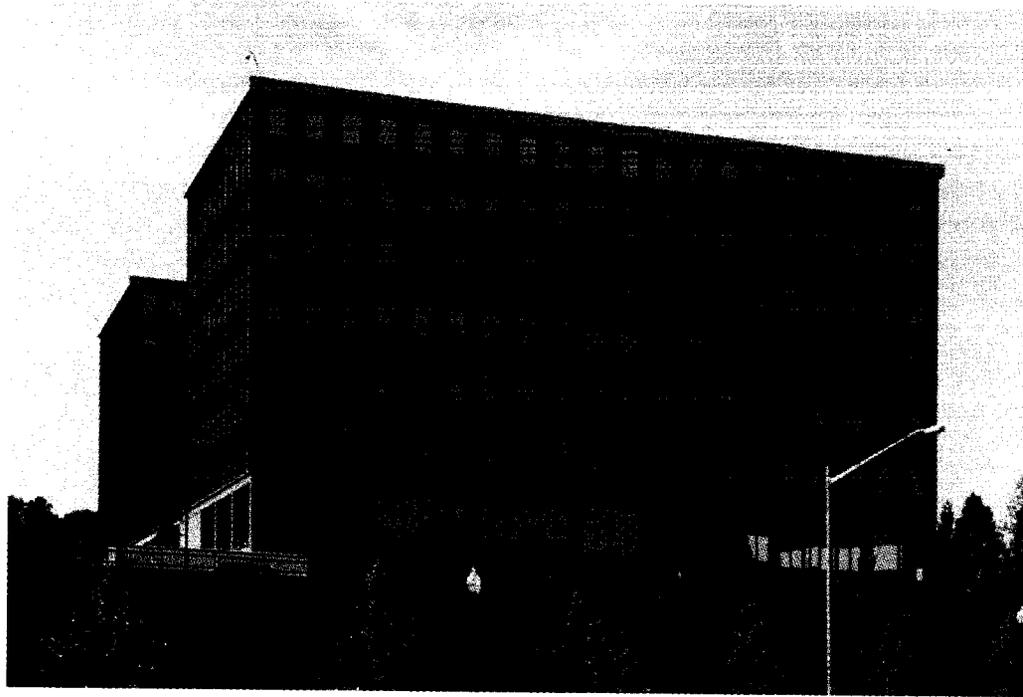
NOTABLE FACILITIES

-  SKYLINE
-  PENTAGON



PRESENTATION TO THE BRAC COMMISSION STAFF

August 2, 2005

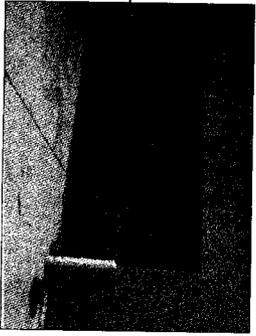
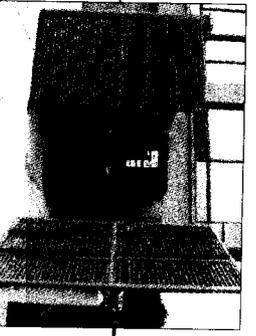
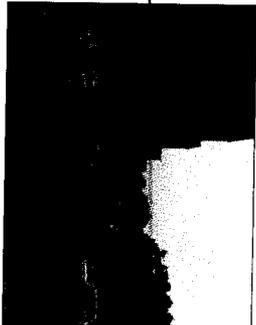
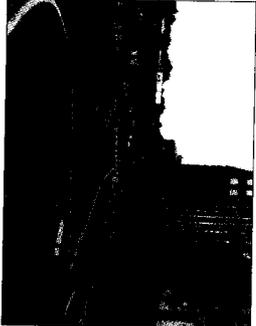
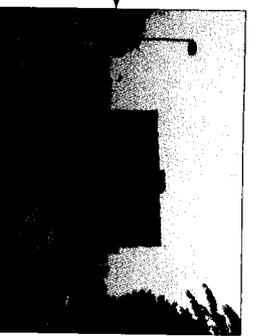
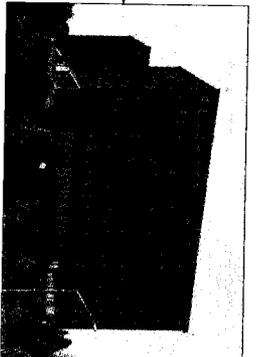


Suffolk Building
5611 Columbia Pike
Falls Church, VA

Columbia
EQUITY TRUST, INC.

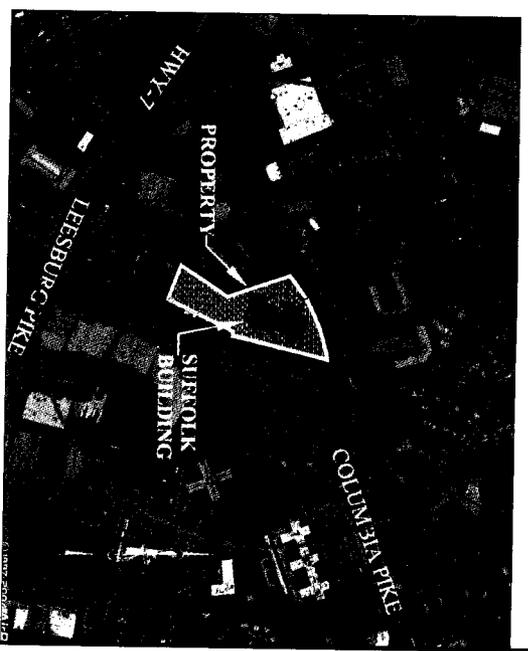
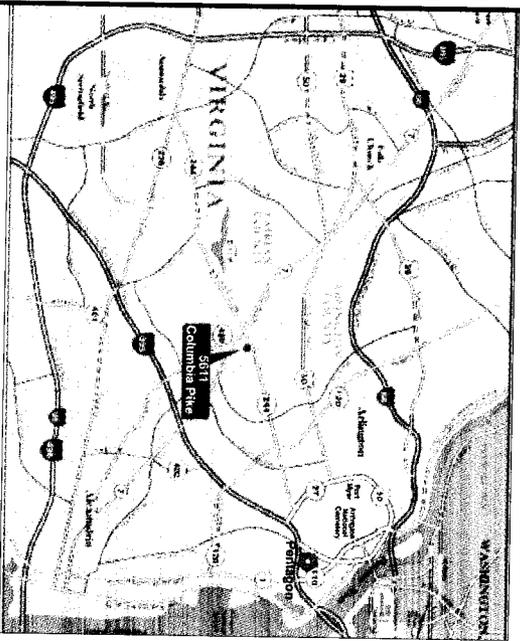
SUFFOLK BUILDING DOD COMPLIANCE MATRIX

UFC STANDARD	RATING	STRENGTH BUILDING FEATURES
Standard 1: Minimum Standoff Distance	★ ★ ★	Site has stand-off distance on all sides and building is elevated on masonry piers.
Standard 2: Unobstructed Space	★ ★ ★	There are no unobstructed spaces on the site.
Standard 3: Drive-Up/Drop-Off Areas	★ ★ ★	There is full control of Drive-Up and Drop-Off areas.
Standard 4: Access Roads	★ ★ ★	There is full perimeter control of access roads onto the building site on elevated fill. Topography limits weapons from the street level. Existing 18' wall provides enhanced blast protection.
Standard 5: Parking Beneath Buildings or on Rooftops	★ ★ ★	There is no underground or rooftop parking.
Standard 6: Progressive Collapse Avoidance	★	The building's 7' slabs, tall with structural steel frame and bay system separation, significant load deformation capability and damage absorption capacity.
Standard 7: Structural Isolation	★ ★ ★	The bays and wings are self contained; no external features to initiate or propagate collapse.
Standard 8: Building Overhang	★ ★ ★	There is a single front entrance lobby canopy with over 148 feet of stand-off to the entry access control.
Standard 9: Exterior Masonry Walls	★ ★ ★	There are no unreinforced exterior masonry walls.
Standard 10: Windows and Glazed Doors	★ ★ ★	Glazing units and storefront are double pane. External insulated windows with a full wet seal. Fragmentation Resistant Film application.
Standard 11: Building Entrance Layout	★ ★	There is one lobby entrance, three shaft entrances and one small loading dock entrance all under full sight from all directions.
Standard 12: Exterior Entrances	★ ★ ★	There are four main entrances and all open outward.
Standard 13: Balconies	★	There is a small internal mainroom, all mail and packages are pre-screened at the Pentagon.
Standard 14: Roof Access	★ ★	The roof access is via two doors, under lock and monitored by Security and Facility Engineers and monitored by CCTV at the top entrance.
Standard 15: Overhead Mounted Architectural Features	★ ★ ★	Overhead equipment, lighting, and systems are braced and secured by threaded rod and/or four wire attachment.
Standard 16: Air Intakes	★ ★ ★	There are three HVAC systems for the building, primary air intakes are on the roof, secondary air intakes are on the ground level.
Standard 17: Mechanical Ventilation	★	The roof access is via electric damper. Isolated from rest of building core and can be shut down in the event of an emergency. Mail is screened at Pentagon, and procedural imaging requirement.
Standard 18: Emergency Air Distribution Shutoff	★	Full HVAC system emergency shutoff is accomplished via a combination of the energy management system and manual disconnection of exhaust fans and elevators.
Standard 19: Utility Distribution and Installation	★ ★	There are two dual end electrical transformers in underground vault, emergency generator power in underground vault, control redundant telecommunication lines, and gully/waste water system. Additional space for portable power, cooling, heating with external connectors.
Standard 20: Equipment Bracing	★ ★	Overhead equipment, lighting and systems are braced and secured by threaded rod and/or four wire attachment.
Standard 21: Under Building Access	★ ★	There is only one under building access point for Dominion Power and look and key held by Security and Facility Engineers and monitored by CCTV.
Standard 22: Mass Notification	★ ★	There is a full building mass notification systems with voice speakers.



★ ★ ★ - Substantial Risk Reduction above Minimum
 ★ ★ - Significant Risk Reduction above Minimum
 ★ - Meets Minimum Standard

SUFFOLK BUILDING PROXIMITY AND EASE OF ACCESSIBILITY

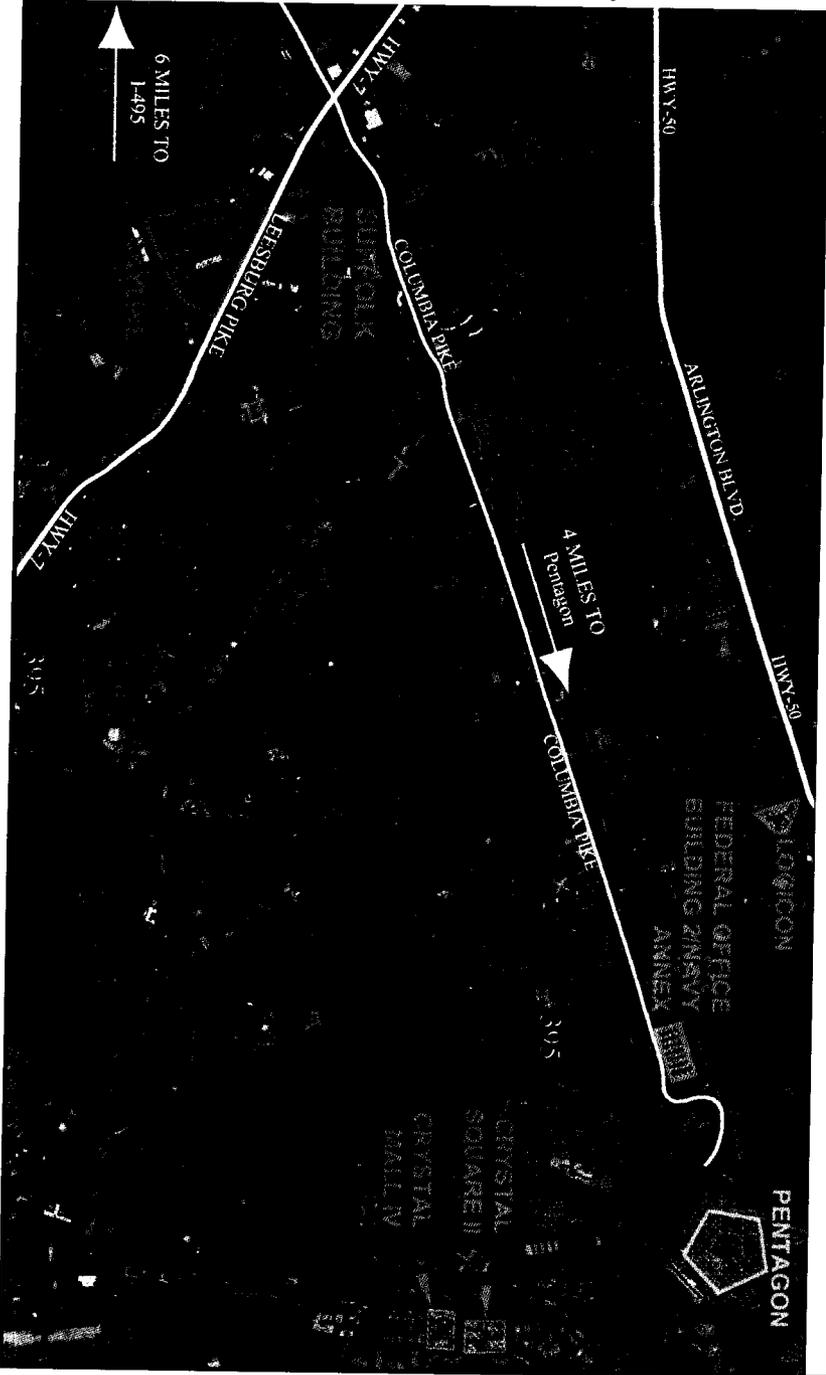


MDA FACILITIES

-  SUFFOLK BUILDING
-  FEDERAL OFFICE BUILDING 2/NAVY ANNEX
-  LOGICON
-  CRYSTAL SQUARE II
-  CRYSTAL MALL IV

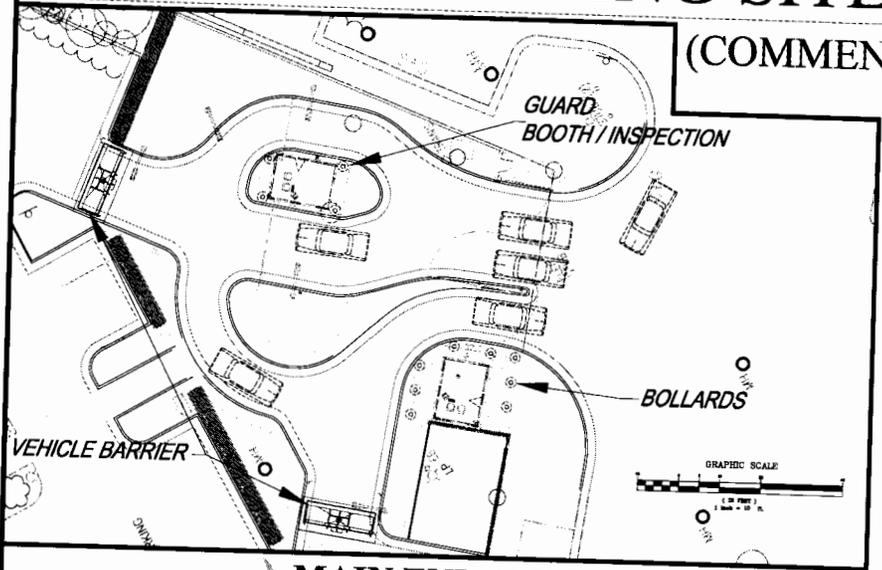
NOTABLE FACILITIES

-  SKYLINE

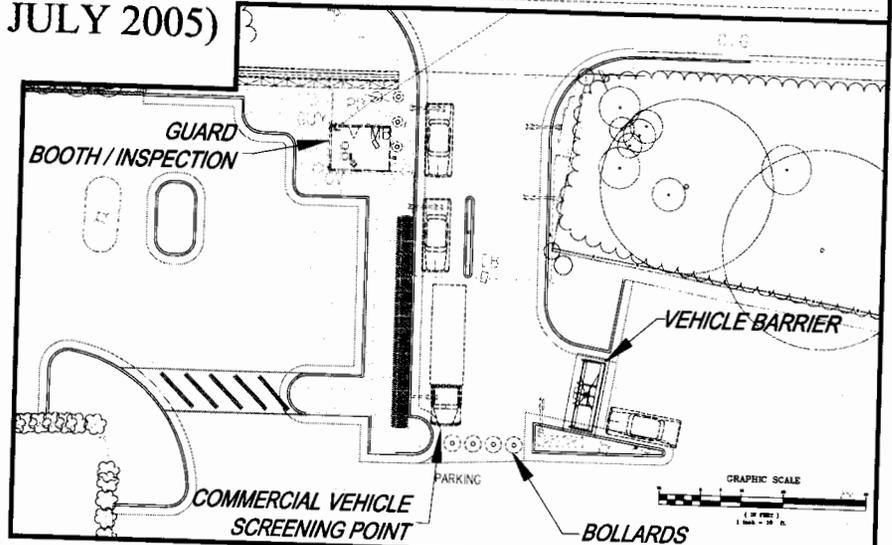


SUFFOLK BUILDING SITE SECURITY IMPROVEMENTS

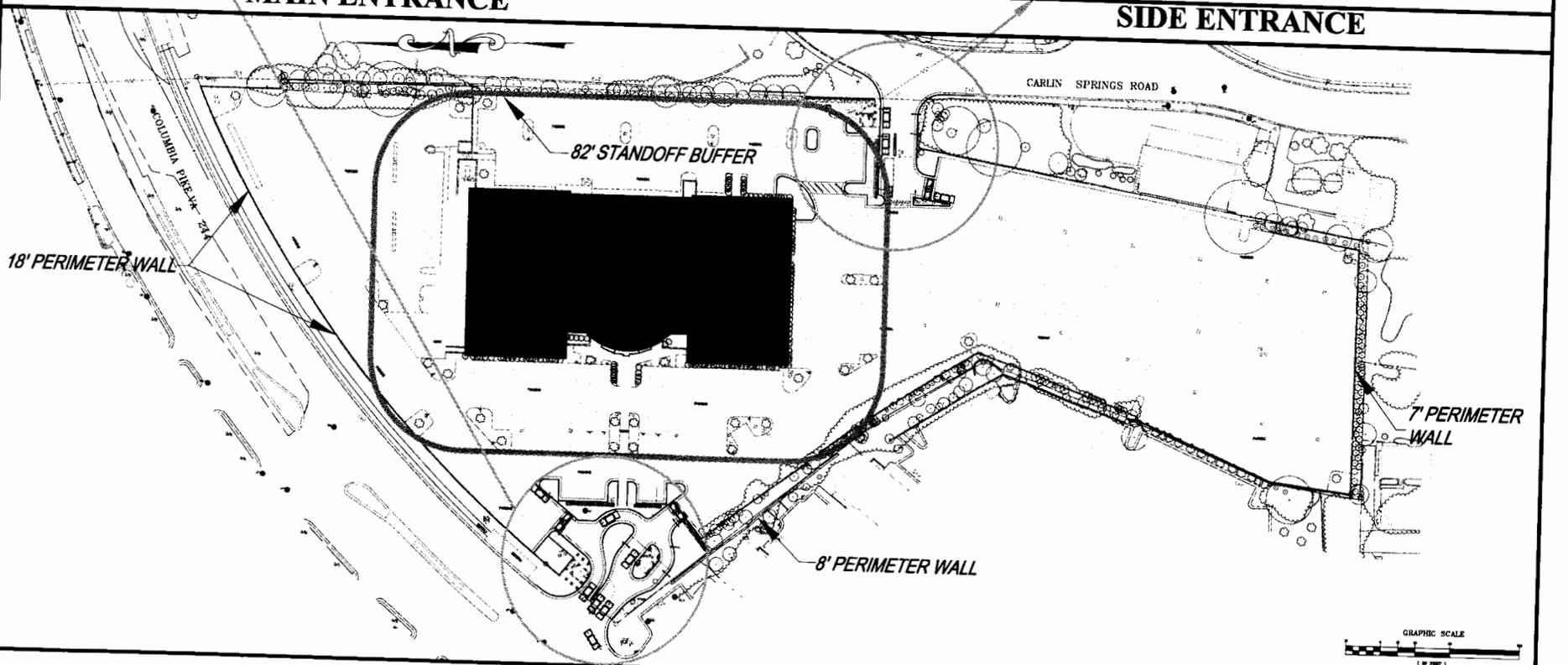
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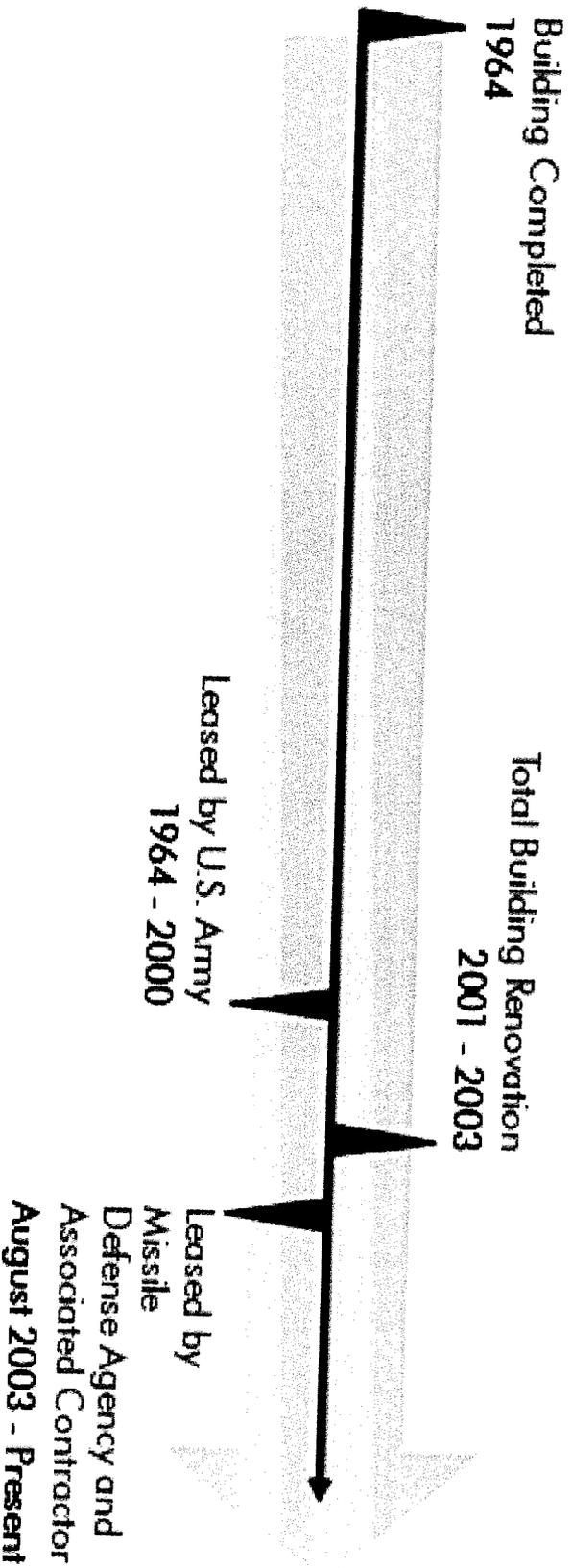
MAIN ENTRANCE



SIDE ENTRANCE



SUFFOLK BUILDING OCCUPANCY TIMELINE



Standard MAH Scenario Data File

28 June 2005

HSA-0047RV2

Collocate Missile and Space Defense Agencies

Activities/Locations Affected

(Source: Tab1 Summary, and "Quint" chart)

Activity	Current Location	Proposed Location
MDA	Pentagon Reservation (FOB-2)	Redstone Arsenal
MDA	Pentagon Reservation (FOB-2)	Ft Belvoir (HQ Command - move 150 personnel)
MDA	Suffolk Bldg., Falls Church, VA	Redstone Arsenal
MDA	SMDC Bldg., Huntsville	Redstone Arsenal
MDA & SMDC	Crystal Square 2, Arlington, VA	Redstone Arsenal
SMDC	Crystal Mall 4, Arlington, VA	Redstone Arsenal

- Note: In addition to the above, there are 102 Sensors Directorate personnel planned to relocate to Hanscom AFB, Massachusetts, and 293 C2BMC personnel planned to relocate to Schriever AFB, Colorado Springs. Both actions will occur outside of BRAC.

Justification Issues/Facts/Assumptions

(Source: Tab1 Summary & "Quint" chart)

- Co-locates MDA and SMDC with related components; eliminates redundancy and enhances efficiency.
- Eliminates approximately 318,000 GSF of DoD-controlled leased space, including roughly 257,000 GSF of leased space in NCR (3 bldgs).
- Moves MDA and SMDC offices to an AT/FP compliant location.

Scenario Financial Results

(Source: Tab1 Summary & "Quint" chart; Annual Lease Costs from COBRA Screen 5)

One-time costs	\$178.2M
Net implementation savings	\$13.0M
Annual recurring savings	\$36.1M
NPV for 2025	359.1M
Payback period and year	1 Year (2011)
Annual lease avoidance savings	\$38.6M

Initial headcount (Starting Number of Direct Jobs)

(Source: Tab 2 Summary or "Scenario 1" datasheet)

	Military	Civilian	Contractor	TOTAL
MDA/FOB-2	45	322	878	1,245
MDA/Suffolk Bldg	40	178	140	358
MDA/Huntsville	0	0	179	179
MDA & SMDC/ Crystal Square	18	80	31	129
SMDC/Crystal Mall	41	120	0	161
TOTAL	144	700	1,228	2,072

Number of Direct Job Reductions

(Source: Tab 2 Summary or "Scenario 1" datasheet)

	Military	Civilian	Contractor	TOTAL
MDA & SMDC			97	97

Number of Direct Jobs Lost or Gained in Moving

(Source: Tab 2 Summary or "Scenario 1" datasheet)

	Military	Civilian	Contractor	TOTAL
MDA & SMDC/Wash. DC	(144)	(700)	(1,131)	(1,975)
Redstone Arsenal	131	563	1,131	1,825
Ft. Belvoir	13	137	0	150

Aggregate Total Direct and Indirect Jobs Gained or Lost

(Source: Criterion 6/EIT)

	Military	Civilian	TOTAL
Washington DC Metro Area	- 1,644	- 1,138	- 2,782 / -0.1%
Huntsville, AL MSA	1575	910	2,485/1.1%

Amount Spent on Construction

(Source: COBRA Screen 7)

Location	Code	Description	Cost	Total
Redstone Arsenal	6100	General Administrative Bldg.	759,113	\$109,248,000
Redstone Arsenal	8521	Surfaced Vehicle Parking	(SY) 68,000	3,214,000
Redstone Arsenal	7346	Exchange Sales Facility	3,000	341,000
TOTAL at Redstone Arsenal			*827,113	\$112,803,000
Ft Belvoir	6100	General Administrative Bldg.	47,650	\$8,221,000
Ft Belvoir	8521	Surfaced Vehicle Parking	(SY) 8,400	476,000
Ft Belvoir	7346	Exchange Sales Facility	1,000	136,000
Ft Belvoir	7421	Indoor Physical Fitness Facility	1,000	204,000
TOTAL at Ft. Belvoir			*49,650	\$9,038,999
TOTAL MILCON			876,763	\$121,841,000

- * Surfaced Vehicle Parking (in square yards) not included in GSF totals

Amount or Existing Floor Space Closed/Disposed Of

(Source: COBRA Screen 5)

Location	Description	Status	Area (GSF)
SMDC	Crystal Mall 4	Leased	28,938
MDA	Crystal Square 2	Leased	66,500
MDA	Suffolk Building	Leased	159,500
MDA	FOB-2 (Navy Annex)	Owned	285,625
MDA	SMDC Bldg., Huntsville	Leased	60,128
TOTAL Leased			315,066
TOTAL Owned			285,625
COMBINED TOTAL			600,691

Affect on NCR

(Source: COBRA Screen 5)

NCR military space closed (not realigned in NCR)	285,625 GSF
NCR leased space closed (not realigned in NCR)	257,493 GSF
NCR leased space closed (was realigned in NCR, on-installation space)	0 GSF

Military Judgment Issues

- No issues

Criterion 7 & 8 Issues

- Criterion 7: Housing and graduate education issues.
- Criterion 8: No impediments.

Alternate Scenarios Considered, But Cancelled...

- Considered consolidating MDA-only at both Forts Meade and Belvoir, and at Peterson AFB. Redstone was selected because of cost advantage and synergy with existing MDA and SMDC operations at Redstone.
- Combined MDA scenario with overlapping TECH scenario.

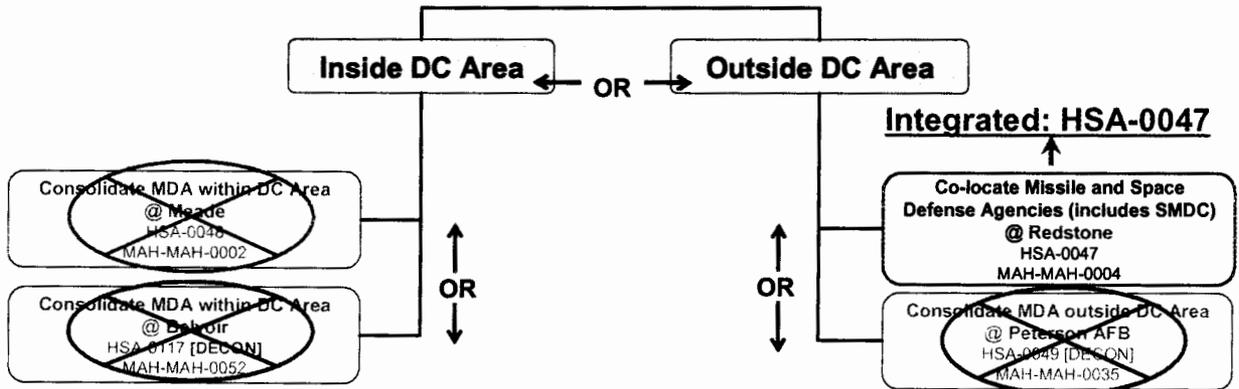
Additional Information

- CAA Scenario Roadmap (chart):

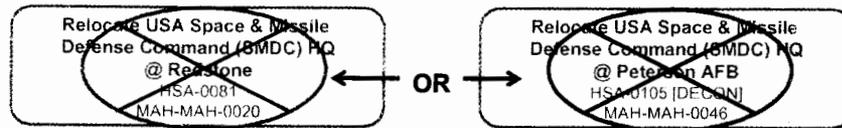


Major Admin & HQ

MDA (Missile Defense Agency)

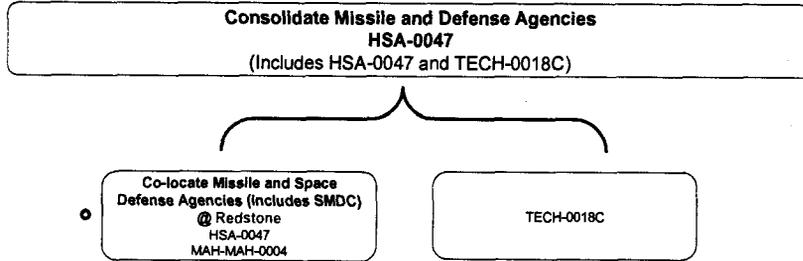


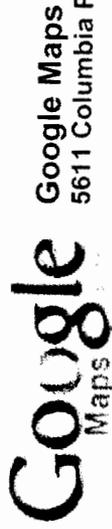
USA SMDC (Space & Missile Defense Command) HQ



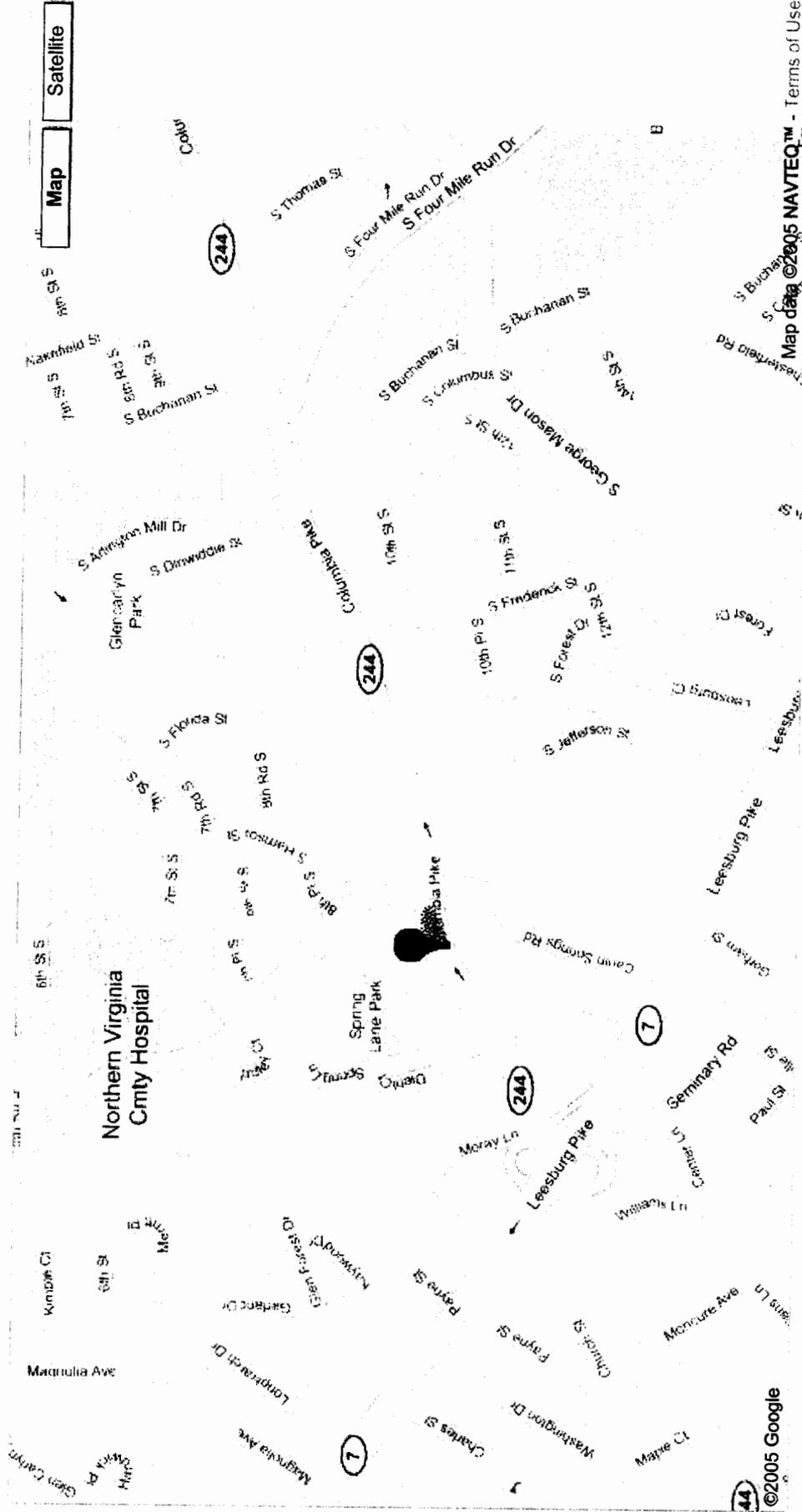


Integrated HSA-0047R





Northern Virginia Cmty Hospital
5611 Columbia Pike, Falls Church, VA



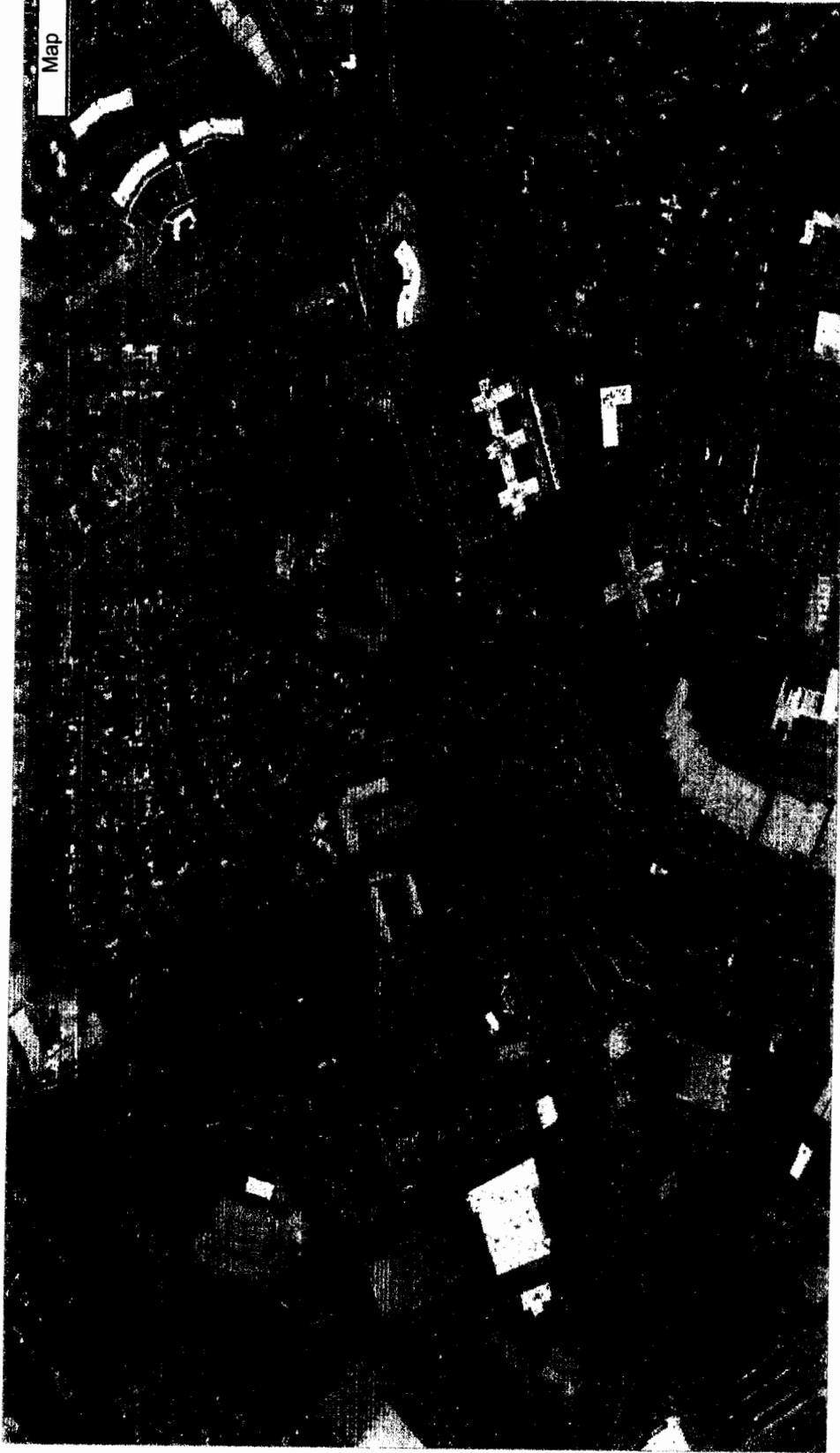
5611 Columbia Pike
Falls Church, VA 22041

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Google Maps
5611 Columbia Pike, Falls Church, VA



Map

Satellite

Terms of Use

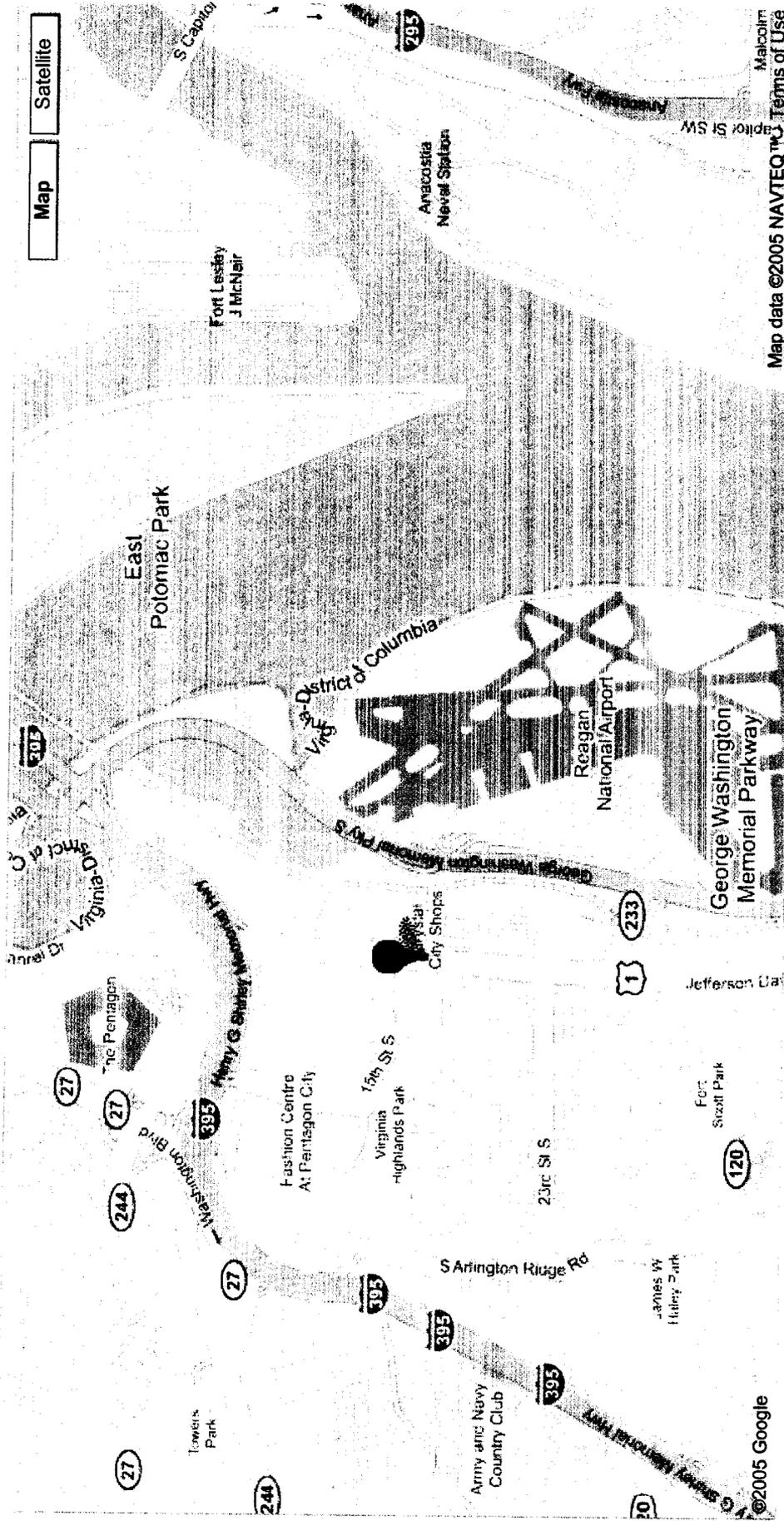


5611 Columbia Pike
Falls Church, VA 22041



Google Maps

1725 Jefferson Davis Highway, Arlington, VA



Map Satellite

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1725 Jefferson Davis Hwy
Arlington, VA 22202

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Maps
Google Maps
1725 Jefferson Davis Highway, Arlington, VA



1725 Jefferson Davis Hwy
Arlington, VA 22202

**Missile Defense Agency
Brief For
Base Realignment And Closure Commission**



27 MAY 05

**Mr. David Altwegg
Deputy Director, Business Management
Missile Defense Agency**



Presidential Mandate For The BMDS Program



“... The United States plans to begin deployment of a set of missile defense capabilities in 2004. These capabilities will serve as a starting point for fielding improved and expanded capabilities later.”

“... will not have a final, fixed missile defense architecture... Rather, we will deploy... initial capabilities that will evolve... 2004 and 2005 will include ground-based interceptors, sea-based interceptors, additional Patriot (PAC-3) units, and sensors on land, at sea and in space.”

“... Missile defense cooperation will be a feature of U.S. relations with close, long-standing allies... protecting not only the United States and our deployed forces, but also friends and allies...”

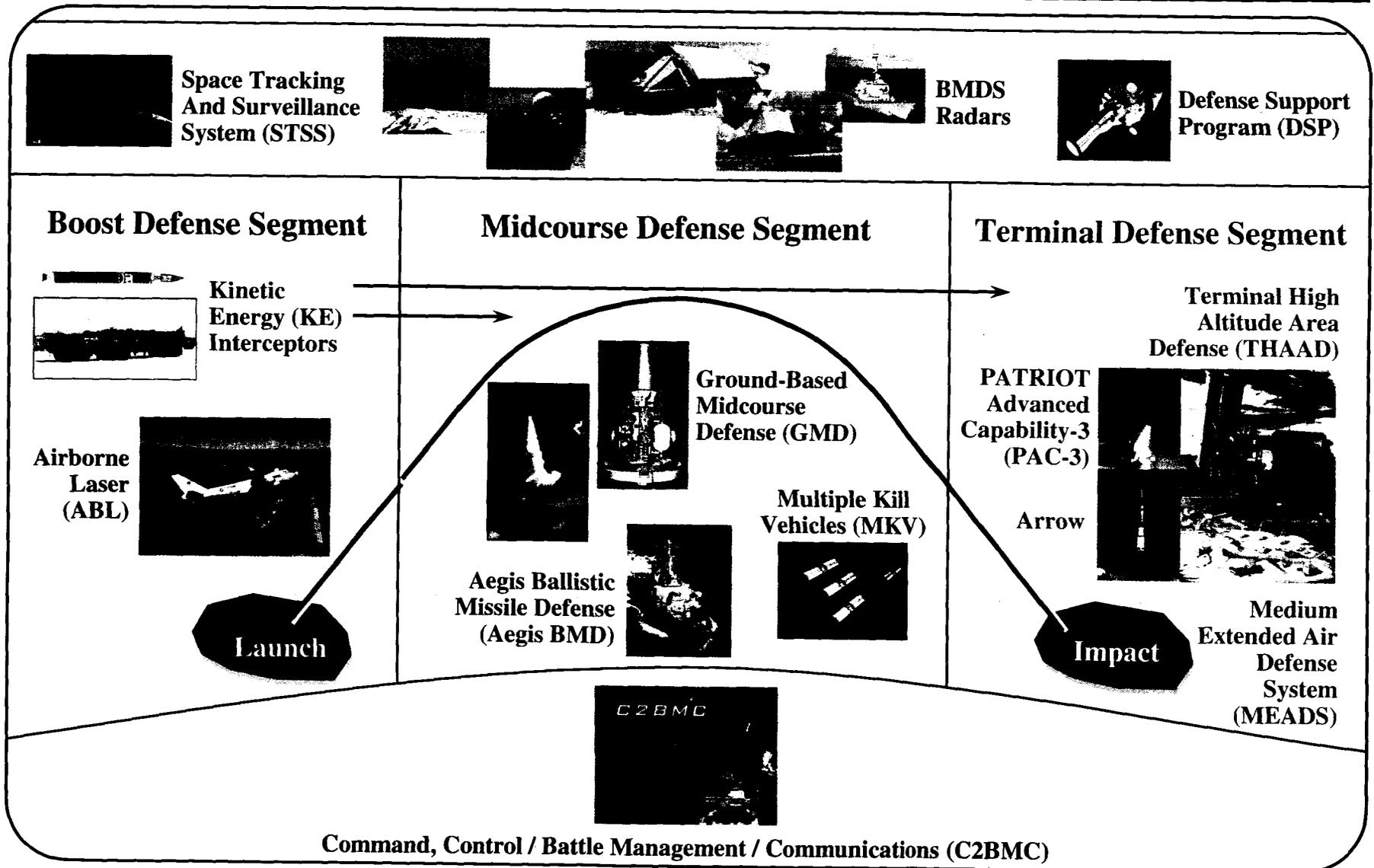
*National Security Presidential Directive 23
National Policy on Ballistic Missile Defense*

16 December 2002

Ballistic Missile Defense Is The Only Program Whose Mission, Program Plan And Acquisition Approach Is Mandated, Approved And Reviewed Annually By The President

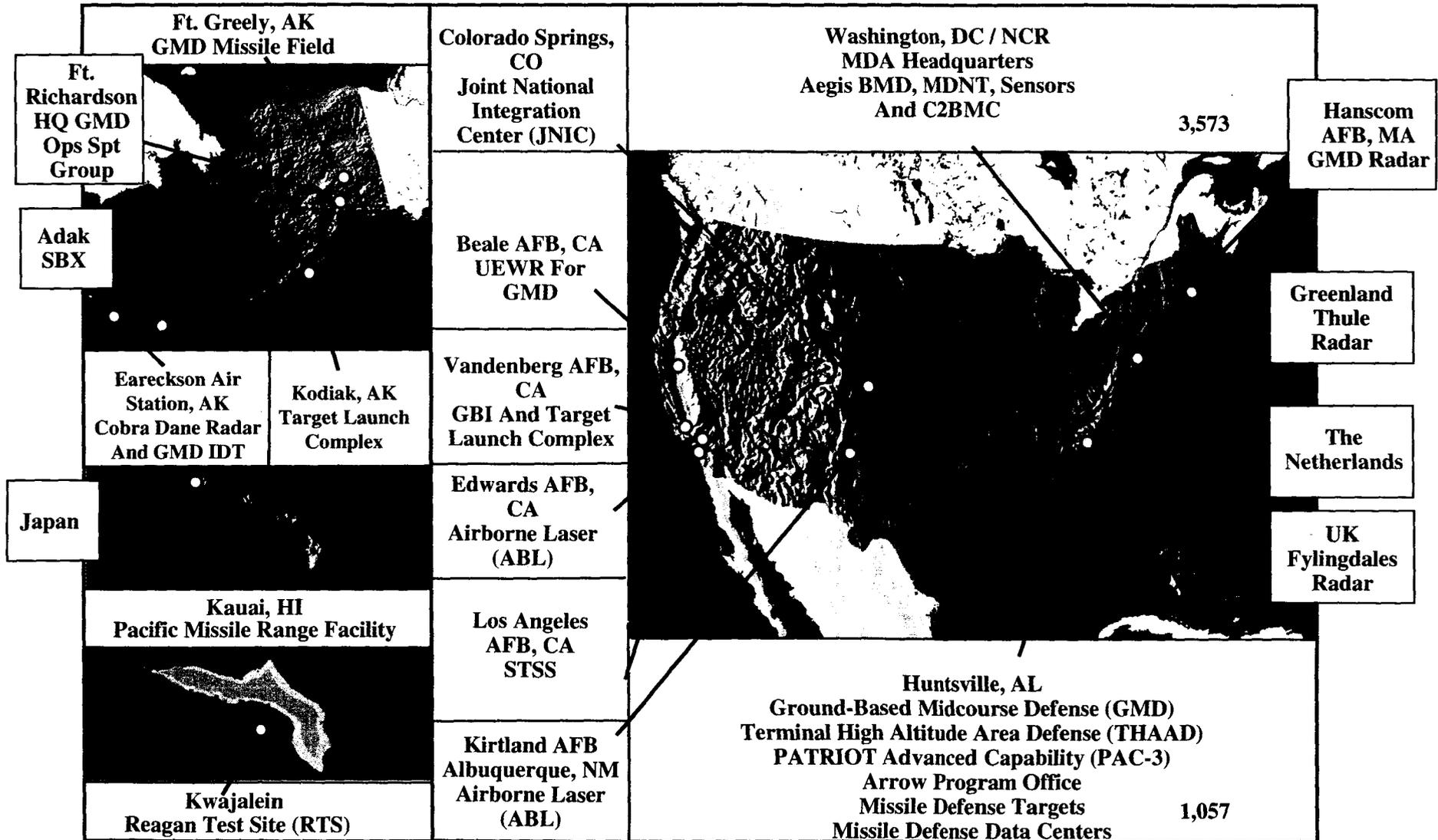


Ballistic Missile Defense System





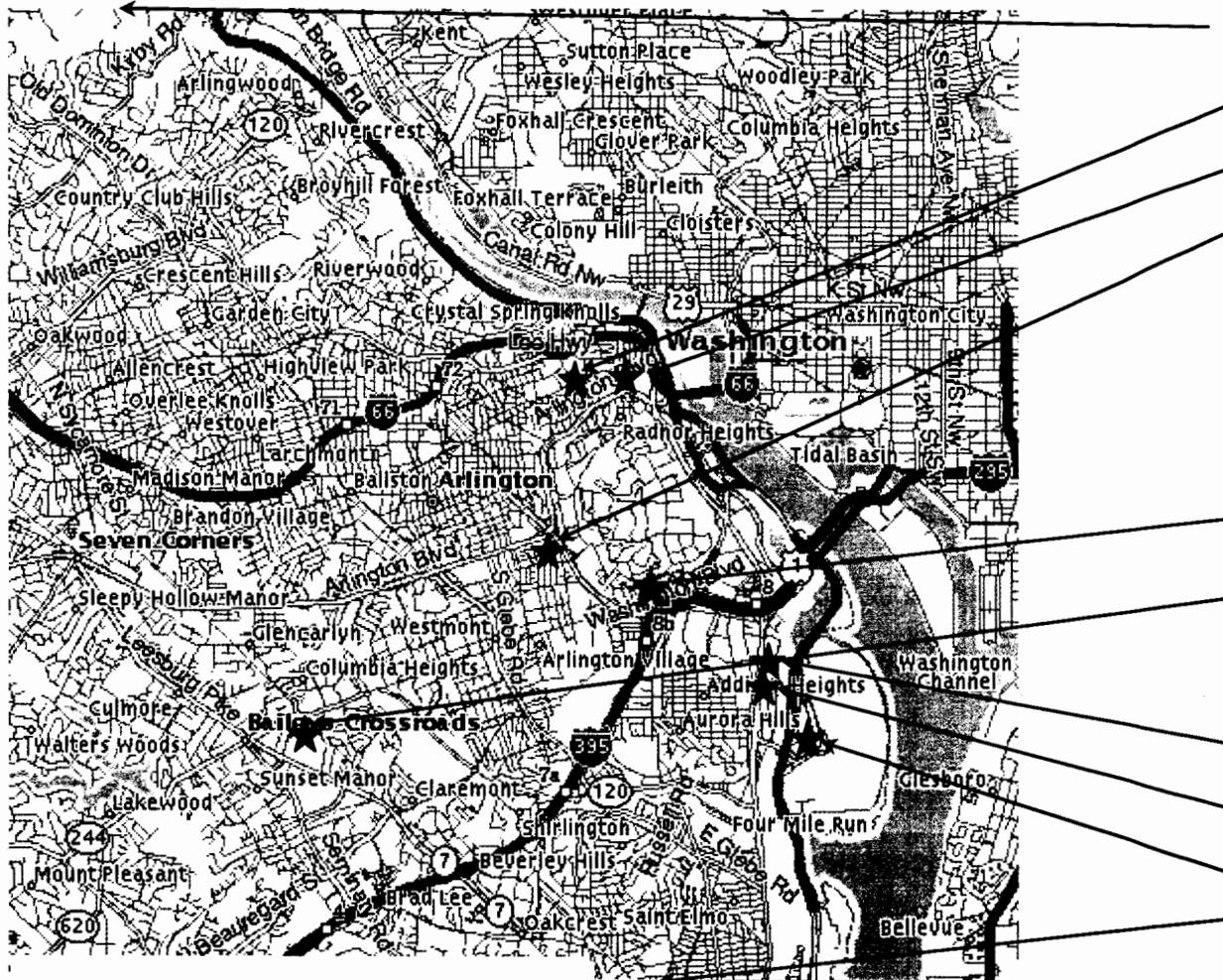
Missile Defense Agency Locations Worldwide



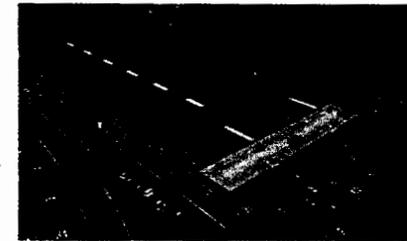


Missile Defense Agency Locations National Capital Region

90 Military; 443 Civilian; 1,715 Contractors / Detailees



- Columbia MD (5) *
- SAIC Dr (25) *
- N Ft Myer Dr (13) *
- N Moore St (38) *
- Sequoia Plaza (277) *



- FOB2 (807)**
- Suffolk Building (661) **
-129,644 s.f. (GSA-leased)
-110,660 s.f. (Contractor - leased)
- Crystal Square 2 (129) **
- Crystal Square 5 (49) *
- Crystal Park 5 (239) *
- Eisenhower Ave (4) *
- N Beauregard St (1) *

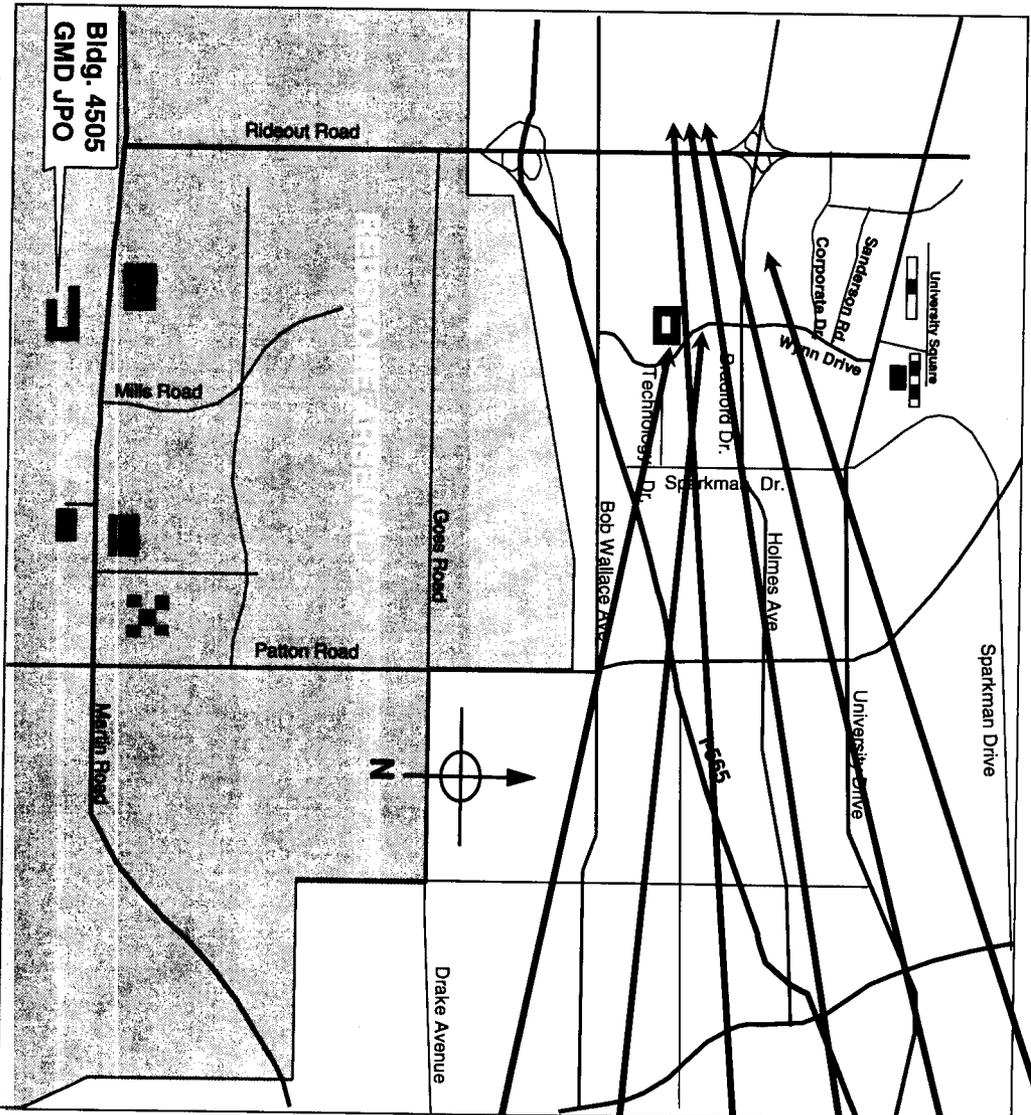
* CON-leased ** GOV-leased
ms-107409 / 052705



BRAC Recommendations

MDA Leased Facilities (Huntsville) to Redstone Arsenal

Total: 240 Contractors / Detailees



The Boardwalk (8) *

620 Discovery Dr (30) *

630 Discovery Dr (5) *

Dynetics Building (2) *

SPARTA Building (16) *

Strategic Missile Defense
Command Building (179) **

* CON-leased * GOV-leased



Missile Defense Agency BRAC Recommendations

- **Close / Realign and relocate to Redstone Arsenal**
 - **Suffolk Building, Falls Church, VA**
 - **Federal Office Building 2, Arlington, VA**
 - **Crystal Square 2, Arlington, VA**
 - **Space and Missile Defense Command Building, Huntsville, AL**
- **Exceptions based on Agency “re-engineering”**
 - **Headquarters Command Center relocate to Ft Belvoir, VA**
 - **Sensors Directorate**
 - **Command, Control, Battle Management and Communications Directorate**



Missile Defense Agency Detail Of Recommended Moves

Facility	Military	Civilian	Contractors / Detailees	Total Personnel	Usable Square Feet	Annual Lease Costs	Lease Termination
SMDC Bldg; Huntsville, AL	0	0	179	179	30,000	\$519,000	
1554 The Boardwalk; Huntsville, AL	0	0	8	8	780	\$8,463	
620 Discovery Drive; Bldg 2; Huntsville, AL	0	0	30	30	5,320	\$199,200	
630 Discovery Drive; Huntsville, AL	0	0	5	5	1,130	\$12,261	
Dynetics Bldg; Huntsville, AL	0	0	2	2	200	\$2,170	
SPARTA Bldg; Huntsville, AL	0	0	16	16	1,440	\$15,624	
Total Impact - Huntsville, AL	0	0	248	248	38,870	\$756,718	
FOB-2; Arlington, VA	25	77	705	807	228,500	\$6,398,000	
Crystal Square 2; Arlington, VA	18	80	31	129	53,200	\$1,702,400	
Suffolk Bldg; Falls Church, VA	46	204	411	661	240,304	\$7,976,771	
Sequoia Plaza Bldg 1; Arlington, VA	0	18	57	75	33,028	\$1,128,609	
Sequoia Plaza Bldg 2; Arlington, VA	0	5	9	14	4,001	\$146,477	
Sequoia Plaza Bldg 3; Arlington, VA	0	54	134	188	25,052	\$953,730	
1901 N. Moore St, Arlington, VA	0	1	37	38	32,500	\$2,183,532	
1911 N. Ft Myer Dr, Arlington, VA	0	0	13	13	40,625	\$5,666,083	\$1,643,801
Crystal Square 5; 1725 Jefferson Davis Hwy, Arlington, VA	0	0	49	49	17,540	\$1,332,741	
Crystal Park 5; 2451 Crystal Drive, Arlington, VA	1	4	234	239	111,200	\$14,153,585	\$10,373,538
4725-B Eisenhower Avenue; Alexandria, VA	0	0	4	4	400	\$14,000	
1901 North Beauregard Street, Alexandria, VA	0	0	1	1	100	\$3,500	
9861 Broken Land Parkway, Columbia, MD	0	0	5	5	460	\$16,100	
1710 SAIC Drive, Mclean, VA	0	0	25	25	2,340	\$81,900	
Government Leased / Controlled							

Move Numbers Reflect On-going MDA Infrastructure Reductions, Anticipated Efficiencies From Consolidation, And Already Planned Moves To Redstone



Implementation Of Evolutionary Missile Defense Block 2006 And 2008 – Approved And Funded

2007

2009

**Full Protection Against Mid-East
Expand Coverage to Allies & Friends
Expand Coverage of Deployed Forces**

**Keep Pace With Threat
Begin Addressing Asymmetric and
Unconventional Attacks
Increase Capability Against All Threats**

**Fixed Site
Interceptors**

- Up to 26 Ground-Based Interceptors, Alaska
- 2 Ground-Based Interceptors, California

- Up to 36 Ground-Based Interceptors, Alaska
- 2 Ground-Based Interceptors, California

**Fixed Site
Sensors**

- Cobra Dane Radar, Alaska
- Beale Radar, California
- Fylingdales Radar, United Kingdom
- Thule Radar, Greenland

- Cobra Dane Radar, Alaska
- Beale Radar, California
- Fylingdales Radar, United Kingdom
- Thule Radar, Greenland
- Large X-Band dish radar, Europe
- Otis Radar, Massachusetts
- Eglin Radar, Florida

**Mobile /
Transportable
Sensors**

- 1 Sea-Based X-Band Radar, Alaska
- 2 Forward-Based X-Band Radars
- 6 Aegis Search & Track Destroyers

- 1 Sea-Based X-Band Radar, Alaska
- 3 Forward-Based X-Band Radars, East Asia (1)
Europe (1), Caucasus (1)
- 1 Discrimination X-Band Radar
- Initial Space Tracking & Surveil Satellites

**Mobile
Interceptors**

- 3 Aegis Engagement Cruisers*
- 8 Aegis Engagement Destroyers*
- 28 Standard Missile-3s*
- 512 Patriot PAC-3

- 3 Aegis Engagement Cruisers
- 15 Aegis Engagement Destroyers
- 72 Standard Missile-3s*
- 24 Terminal High Altitude Area Defense Missiles
- 712 Patriot PAC-3

Threat

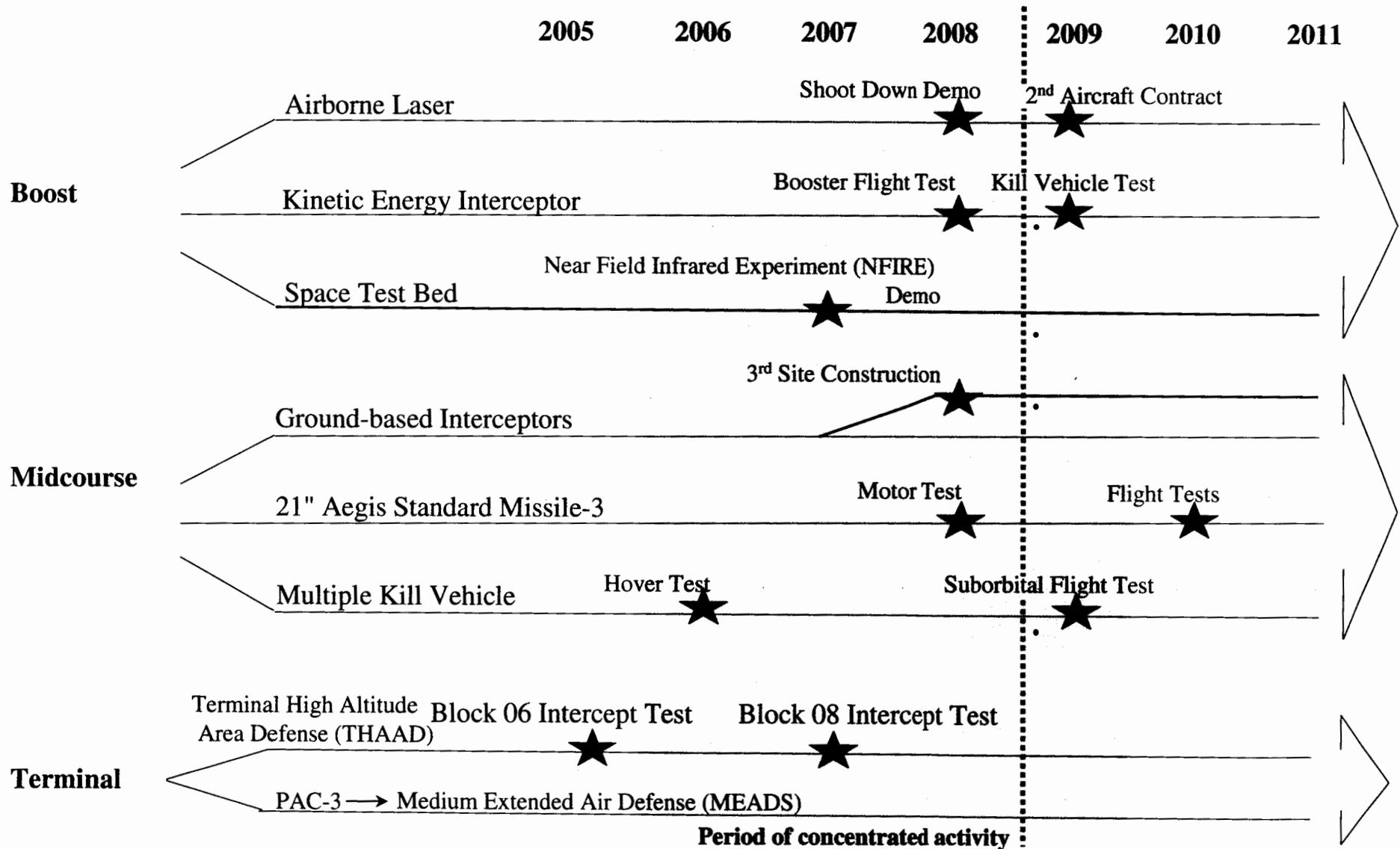
Long Range
Intermediate Range
Medium Range
Short Range

* Planned deliveries



Managing The Ballistic Missile Defense System

- Development Program -

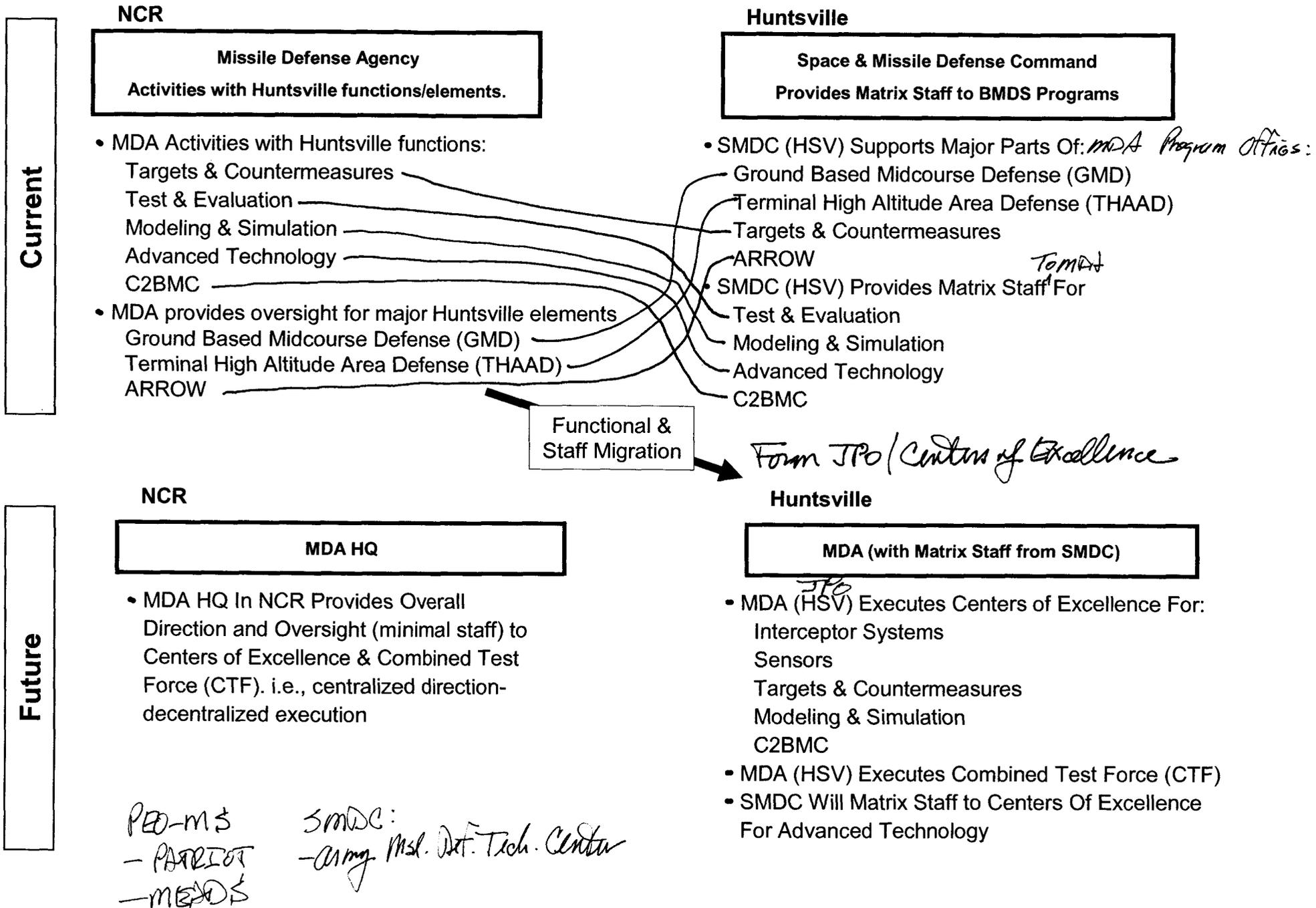




Missile Defense Agency Observations

- MDA is prepared to implement commission's recommendations
 - Recommendations are consistent with Agency "re-engineering" goals
- As expected, implementation would not be without challenges
 - Difficult to foresee effect of large organizational move while concurrently developing and fielding a global Ballistic Missile Defense System
 - This is a first-time event
 - Based on previous BRACs, we could face a 60-70% loss of current personnel
 - Loss of corporate knowledge, intellectual capital and critical skills
 - Ability to replace educational skills and missile defense experience cannot be guaranteed

MDA Evolution in Potential Post-BRAC Environment



Rec #	Name of DoD Recommendation	Recommendation Page	1- Time Cost (\$M)	Payback	6 Yr Net (\$M)	20-Yr NPV (\$M)
132	Co-locate Miscellaneous Army Leased Locations	H&SA - 10	\$44.10	1	(\$59.49)	(\$322.00)
Lead Team & Analyst: JC-S (Carol Schmidt)		Support Team & Analyst: JC-S (Tim Abrell)				

Affected Bases

Component	Base Name	State	Action	Net Mil.	Net Civ.	Net Cont.	Total Dir.	Total InDir.	Total Chngs
Active	Leased Space - VA	VA-Gehman	Realign	-1	-85	-10	-96	-70	-166
Active	Leased Space - VA	VA-Gehman	Realign	0	-209	-83	-292	-212	-504
Active	Leased Space - VA	VA-Gehman	Realign	0	-360	0	-360	-272	-632
Active	Leased Space - VA	VA-Gehman	Realign	-262	-93	-191	-546	-359	-905
Active	Leased Space - VA	VA-Gehman	Realign	-294	-893	-408	-1,595	-1,129	-2,724
Active	Fort Belvoir	VA-Gehman	Gainer	557	1,681	692	2,930	2,079	5,009
Net jobs for this Recommendation				0	41	0	41	37	78

Rec #	Name of DoD Recommendation	Recommendation Page	1- Time Cost (\$M)	Payback	6 Yr Net (\$M)	20-Yr NPV (\$M)
133	Co-locate Miscellaneous OSD, Defense Agency, and Field Activity Leased Locations	H&SA - 12	\$539.00	9	\$376.85	(\$257.60)
Lead Team & Analyst: JC-S (Carol Schmidt)		Support Team & Analyst: JC-S (Tim Abrell)				

Affected Bases

Component	Base Name	State	Action	Net Mil.	Net Civ.	Net Cont.	Total Dir.	Total InDir.	Total Chngs
Active	Leased Space - VA	VA-Gehman	Realign	0	-9	-1,518	-1,527	-1,013	-2,540
Active	Leased Space - VA	VA-Gehman	Realign	-1,459	-2,326	0	-3,785	-2,674	-6,459
Active	Leased Space - VA	VA-Gehman	Realign	-1,288	-3,218	0	-4,506	-3,243	-7,749
Active	Fort Lee	VA-Gehman	Gainer	54	496	56	606	448	1,054
Active	Fort Belvoir	VA-Gehman	Gainer	2,693	5,215	1,462	9,370	6,603	15,973
Net jobs for this Recommendation				0	158	0	158	121	279

Rec #	Name of DoD Recommendation	Recommendation Page	1- Time Cost (\$M)	Payback	6 Yr Net (\$M)	20-Yr NPV (\$M)
134	Co-locate Missile and Space Defense Agencies	H&SA - 15	\$178.20	1	(\$12.98)	(\$359.10)
Lead Team & Analyst: JC-S (Carol Schmidt)		Support Team & Analyst: JC-S (Tim Abrell)				

Affected Bases

Component	Base Name	State	Action	Net Mil.	Net Civ.	Net Cont.	Total Dir.	Total InDir.	Total Chngs
Active	Leased Space - VA	VA-Gehman	Realign	-46	-282	0	-328	-241	-569
Active	Leased Space - VA	VA-Gehman	Realign	-98	-418	-952	-1,468	-1,010	-2,478
Active	Fort Belvoir	VA-Gehman	Gainer	13	139	0	152	113	265
Active	Redstone Arsenal	AL	Gainer	131	568	1,055	1,754	993	2,747
Net jobs for this Recommendation				0	7	103	110	-145	-35

Rec #	Name of DoD Recommendation	Recommendation Page	1- Time Cost (\$M)	Payback	6 Yr Net (\$M)	20-Yr NPV (\$M)
135	Co-locate Navy Education and Training Command and Navy Education and Training Prof	H&SA - 17	\$33.30	10	\$23.64	(\$14.40)
Lead Team & Analyst: JC-S (Carol Schmidt)		Support Team & Analyst: ()				

Affected Bases

Component	Base Name	State	Action	Net Mil.	Net Civ.	Net Cont.	Total Dir.	Total InDir.	Total Chngs
Active	Naval Support Activity Mid South	TN	Gainer	144	456	85	685	449	1,134
Active	Naval Air Station Pensacola	FL	Realign	-159	-488	-91	-738	-1,139	-1,877
Net jobs for this Recommendation				-15	-32	-6	-53	-690	-743

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COBRA REALIGNMENT SUMMARY REPORT (COBRA v6.10) - Page 1/2
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Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Starting Year : 2006
 Final Year : 2010
 Payback Year : 2011 (1 Year)

NPV in 2025(\$K): -359,074
 1-Time Cost(\$K): 178,180

Net Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	10,060	0	111,040	740	0	0	121,841	0
Person	0	0	0	771	-1,739	-1,739	-2,707	-1,739
Overhd	0	0	2,565	-33,043	-34,359	-34,359	-99,196	-34,359
Moving	0	0	0	19,396	222	0	19,618	0
Missio	0	0	0	0	0	0	0	0
Other	225	0	0	8,089	-60,850	0	-52,536	0
TOTAL	10,285	0	113,606	-4,046	-96,727	-36,098	-12,981	-36,098

	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	0	0	0	0	0	0	
POSITIONS REALIGNED								
Off	0	0	0	120	1	0	121	
Enl	0	0	0	23	0	0	23	
Stu	0	0	0	0	0	0	0	
Civ	0	0	0	696	4	0	700	
TOT	0	0	0	839	5	0	844	

Summary:

Screen One Footnotes
 (Revised 05/1/05)
 HSA-0047RV2 (MDA to REDSTONE Arsenal)

Scenario description

Close the Suffolk Building. Relocate HQ liaison office for MDA to leased space in Arlington, VA. Relocate remaining MDA functions to Redstone Arsenal, Huntsville, AL. Close the SMDC Building in Huntsville by relocating MDA to Redstone Arsenal. Realign FOB 2 by relocating MDA to Redstone Arsenal. Realign Crystal Square 2 by relocating MDA and HQ USA SMDC to Redstone Arsenal. Realign Crystal Mall 4 by relocating HQ USA SMDC to Redstone Arsenal.

All moves are accomplished in 2009 and 2010.

Locations Affected by Relocation:

Note: per direction of OGC attorney, only locations that are government-controlled are listed in the Scenario Description w/r/t Close or Realign. This scenario also affects a number of contractor-provided locations. The locations affected are listed below and are designated as "Gov't" or "Contractor".

Alexandria/I-395:

- FOB2 - Gov't
- Crystal Square 2 - Gov't
- Crystal Mall 4 - Gov't
- 4725-B Eisenhower Ave - Contractor
- 1901 North Beauregard St - Contractor
- Crystal Square 5 - Contractor
- Crystal Park 5 - Contractor

Roslyn Ballston Corridor

- Suffolk Building - Gov't
- Sequoia Plaza 1, 2, and 3 - Contractor
- Suffolk Building - Contractor

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1901 N. Moore - Contractor
1911 N. Ft. Myer - Contractor

Columbia, MD
9861 Broken Land Pkwy - Contractor

Dulles Corridor
1710 SAIC Dr - Contractor

Huntsville, AL
SMDC Building-Gov't
1554 The Boardwalk - Contractor
620 Discovery - Contractor
630 Discover - Contractor
Dynerics Bldg - Contractor
SPARTA Bldg - Contractor
=====

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Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	----
MilCon	10,060	0	111,040	740	0	0	121,841	0
Person	0	0	0	3,935	1,456	1,456	6,848	1,456
Overhd	0	0	2,565	4,189	4,200	4,200	15,154	4,200
Moving	0	0	0	19,889	226	0	20,115	0
Missio	0	0	0	0	0	0	0	0
Other	225	0	0	26,768	6,506	0	33,499	0
TOTAL	10,285	0	113,606	55,521	12,388	5,656	197,456	5,656

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	3,164	3,196	3,196	9,555	3,196
Overhd	0	0	0	37,232	38,559	38,559	114,350	38,559
Moving	0	0	0	493	4	0	497	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	18,679	67,356	0	86,035	0
TOTAL	0	0	0	59,567	109,115	41,755	210,437	41,755

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COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
2,010	2,224	1,327	22,682

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

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	3	0	0	0	3
Students	3	-41	0	0	0	0	-38
Civilians	-95	-15	0	-3	0	0	-113
TOTAL	-92	-56	6	-3	0	0	-145

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

Officers	Enlisted	Students	Civilians
2,013	2,227	1,289	22,569

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO:

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	120	1	0	121
Enlisted	0	0	0	23	0	0	23
Students	0	0	0	0	0	0	0
Civilians	0	0	0	696	4	0	700
TOTAL	0	0	0	839	5	0	844

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	7	0	0	7
TOTAL	0	0	0	7	0	0	7

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
2,013	2,227	1,289	22,576

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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PERSONNEL SUMMARY FOR: Alexandria / I-395 A, VA (HSA001)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Alexandria / I-395 A, VA (HSA001)

Officers	Enlisted	Students	Civilians
80	18	0	418

PERSONNEL REALIGNMENTS:

To Base: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	69	1	0	70
Enlisted	0	0	0	15	0	0	15
Students	0	0	0	0	0	0	0
Civilians	0	0	0	277	4	0	281
TOTAL	0	0	0	361	5	0	366

To Base: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	10	0	0	10
Enlisted	0	0	0	3	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	0	137	0	0	137
TOTAL	0	0	0	150	0	0	150

TOTAL PERSONNEL REALIGNMENTS (Out of Alexandria / I-395 A, VA (HSA001)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	79	1	0	80
Enlisted	0	0	0	18	0	0	18
Students	0	0	0	0	0	0	0
Civilians	0	0	0	414	4	0	418
TOTAL	0	0	0	511	5	0	516

BASE POPULATION (After BRAC Action) FOR: Alexandria / I-395 A, VA (HSA001)

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: Roslyn - Ballston Co, VA (HSA018)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Roslyn - Ballston Co, VA (HSA018)

Officers	Enlisted	Students	Civilians
41	5	0	282

PERSONNEL REALIGNMENTS:

To Base: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	41	0	0	41
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	282	0	0	282
TOTAL	0	0	0	328	0	0	328

TOTAL PERSONNEL REALIGNMENTS (Out of Roslyn - Ballston Co, VA (HSA018)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	41	0	0	41
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	282	0	0	282
TOTAL	0	0	0	328	0	0	328

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BASE POPULATION (After BRAC Action) FOR: Roslyn - Ballston Co, VA (HSA018)

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: Columbia MD, MD (HSA004)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Columbia MD, MD (HSA004)

Officers	Enlisted	Students	Civilians
0	0	0	0

BASE POPULATION (After BRAC Action) FOR: Columbia MD, MD (HSA004)

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: Dulles Corridor, VA (HSA006)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Dulles Corridor, VA (HSA006)

Officers	Enlisted	Students	Civilians
0	0	0	0

BASE POPULATION (After BRAC Action) FOR: Dulles Corridor, VA (HSA006)

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: Huntsville AL, AL (HSA010)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: Huntsville AL, AL (HSA010)

Officers	Enlisted	Students	Civilians
0	0	0	0

BASE POPULATION (After BRAC Action) FOR: Huntsville AL, AL (HSA010)

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: REDSTONE, AL (01750)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
304	502	934	11,456

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	-3	-42	0	0	0	0	-45
Civilians	-89	-13	0	0	0	0	-102
TOTAL	-92	-55	0	0	0	0	-147

BASE POPULATION (Prior to BRAC Action) FOR: REDSTONE, AL (01750)

Officers	Enlisted	Students	Civilians
304	502	889	11,354

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

PERSONNEL REALIGNMENTS:

From Base: Alexandria / I-395 A, VA (HSA001)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	69	1	0	70
Enlisted	0	0	0	15	0	0	15
Students	0	0	0	0	0	0	0
Civilians	0	0	0	277	4	0	281
TOTAL	0	0	0	361	5	0	366

From Base: Roslyn - Ballston Co, VA (HSA018)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	41	0	0	41
Enlisted	0	0	0	5	0	0	5
Students	0	0	0	0	0	0	0
Civilians	0	0	0	282	0	0	282
TOTAL	0	0	0	328	0	0	328

TOTAL PERSONNEL REALIGNMENTS (Into REDSTONE, AL (01750)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	110	1	0	111
Enlisted	0	0	0	20	0	0	20
Students	0	0	0	0	0	0	0
Civilians	0	0	0	559	4	0	563
TOTAL	0	0	0	689	5	0	694

SCENARIO POSITION CHANGES FOR: REDSTONE, AL (01750)

	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	5	0	0	5
TOTAL	0	0	0	5	0	0	5

BASE POPULATION (After BRAC Action) FOR: REDSTONE, AL (01750)

Officers	Enlisted	Students	Civilians
415	522	889	11,922

PERSONNEL SUMMARY FOR: BELVOIR, VA (51062)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
1,585	1,699	393	10,526

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	3	0	0	0	3
Enlisted	0	0	3	0	0	0	3
Students	6	1	0	0	0	0	7
Civilians	-6	-2	0	-3	0	0	-11
TOTAL	0	-1	6	-3	0	0	2

BASE POPULATION (Prior to BRAC Action) FOR: BELVOIR, VA (51062)

Officers	Enlisted	Students	Civilians
1,588	1,702	400	10,515

Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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PERSONNEL REALIGNMENTS:

From Base: Alexandria / I-395 A, VA (HSA001)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	10	0	0	10
Enlisted	0	0	0	3	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	0	137	0	0	137
TOTAL	0	0	0	150	0	0	150

TOTAL PERSONNEL REALIGNMENTS (Into BELVOIR, VA (51062)):

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	10	0	0	10
Enlisted	0	0	0	3	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	0	137	0	0	137
TOTAL	0	0	0	150	0	0	150

SCENARIO POSITION CHANGES FOR: BELVOIR, VA (51062)

	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	2	0	0	2
TOTAL	0	0	0	2	0	0	2

BASE POPULATION (After BRAC Action) FOR: BELVOIR, VA (51062)

Officers	Enlisted	Students	Civilians
1,598	1,705	400	10,654

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TOTAL COBRA ONE-TIME COST REPORT (COBRA v6.10) - Page 1/8
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	121,840,705	
Total - Construction		121,840,705
Personnel		
Civilian RIF	2,017,178	
Civilian Early Retirement	557,651	
Eliminated Military PCS	0	
Unemployment	151,334	
Total - Personnel		2,726,163
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	18,779,090	
Civilian PPP	0	
Military Moving	545,732	
Freight	582,388	
Information Technologies	207,850	
One-Time Moving Costs	0	
Total - Moving		20,115,061
Other		
HAP / RSE	0	
Environmental Mitigation Costs	225,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	33,273,670	
Total - Other		33,498,670

Total One-Time Costs		178,180,599

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	496,861	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	86,035,130	

Total One-Time Savings		86,531,991

Total Net One-Time Costs		91,648,608

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Base: Alexandria / I-395 A, VA (HSA001)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	1,008,589	
Civilian Early Retirement	272,629	
Eliminated Military PCS	0	
Unemployment	75,667	
Total - Personnel		1,356,885
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	9,414,979	
Civilian PPP	0	
Military Moving	351,916	
Freight	348,373	
Information Technologies	59,400	
One-Time Moving Costs	0	
Total - Moving		10,174,668
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	6,520,210	
Total - Other		6,520,210
-----	-----	-----
Total One-Time Costs		18,051,763
-----	-----	-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	317,152	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	74,079,200	
-----	-----	-----
Total One-Time Savings		74,396,352
-----	-----	-----
Total Net One-Time Costs		-56,344,588

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Base: Roslyn - Ballston Co, VA (HSA018)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	-----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	1,008,589	
Civilian Early Retirement	285,021	
Eliminated Military PCS	0	
Unemployment	75,667	
Total - Personnel		1,369,278
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	9,364,111	
Civilian PPP	0	
Military Moving	193,816	
Freight	229,507	
Information Technologies	51,400	
One-Time Moving Costs	0	
Total - Moving		9,838,834
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	78,450	
Total - Other		78,450
-----	-----	-----
Total One-Time Costs		11,286,562
-----	-----	-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	179,709	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	10,482,830	
-----	-----	-----
Total One-Time Savings		10,662,539
-----	-----	-----
Total Net One-Time Costs		624,022

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Base: Columbia MD, MD (HSA004)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
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	841	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		841
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		841

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	16,300	

Total One-Time Savings		16,300

Total Net One-Time Costs		-15,459

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Base: Dulles Corridor, VA (HSA006)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
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	3,668	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		3,668
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		3,668
-----	-----	-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	82,700	
-----	-----	-----
Total One-Time Savings		82,700
-----	-----	-----
Total Net One-Time Costs		-79,032

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Base: Huntsville AL, AL (HSA010)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
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	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	22,500	
Total - Other		22,500
-----	-----	-----
Total One-Time Costs		22,500
-----	-----	-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	1,374,100	
-----	-----	-----
Total One-Time Savings		1,374,100
-----	-----	-----
Total Net One-Time Costs		-1,351,600

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Base: REDSTONE, AL (01750)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	112,802,847	
Total - Construction		112,802,847
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	56,550	
One-Time Moving Costs	0	
Total - Moving		56,550
Other		
HAP / RSE	0	
Environmental Mitigation Costs	225,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	25,043,000	
Total - Other		25,268,000
-----		-----
Total One-Time Costs		138,127,397
-----		-----
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		138,127,397

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Base: BELVOIR, VA (51062)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	9,037,858	
Total - Construction		9,037,858
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	40,500	
One-Time Moving Costs	0	
Total - Moving		40,500
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	1,609,510	
Total - Other		1,609,510
-----	-----	-----
Total One-Time Costs		10,687,868
-----	-----	-----
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		10,687,868

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Base: Alexandria / I-395 A, VA (HSA001)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	40.00%	0	0.00%	0.00%
2007	0	0.00%	20.00%	0	0.00%	0.00%
2008	0	0.00%	20.00%	0	0.00%	0.00%
2009	0	0.00%	20.00%	511	99.03%	99.03%
2010	0	0.00%	0.00%	5	0.97%	0.97%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	516	100.00%	100.00%

Base: Roslyn - Ballston Co, VA (HSA018)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	40.00%	0	0.00%	0.00%
2007	0	0.00%	20.00%	0	0.00%	0.00%
2008	0	0.00%	20.00%	0	0.00%	0.00%
2009	0	0.00%	20.00%	328	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%	328	100.00%	100.00%

Base: Columbia MD, MD (HSA004)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	40.00%	0	0.00%	20.00%
2007	0	0.00%	20.00%	0	0.00%	20.00%
2008	0	0.00%	20.00%	0	0.00%	20.00%
2009	0	0.00%	20.00%	0	0.00%	20.00%
2010	0	0.00%	0.00%	0	0.00%	20.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	0	0.00%	100.00%

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Base: Dulles Corridor, VA (HSA006)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	40.00%	0	0.00%	20.00%
2007	0	0.00%	20.00%	0	0.00%	20.00%
2008	0	0.00%	20.00%	0	0.00%	20.00%
2009	0	0.00%	20.00%	0	0.00%	20.00%
2010	0	0.00%	0.00%	0	0.00%	20.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	0	0.00%	100.00%

Base: Huntsville AL, AL (HSA010)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	40.00%	0	0.00%	20.00%
2007	0	0.00%	20.00%	0	0.00%	20.00%
2008	0	0.00%	20.00%	0	0.00%	20.00%
2009	0	0.00%	20.00%	0	0.00%	20.00%
2010	0	0.00%	0.00%	0	0.00%	20.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	0	0.00%	100.00%

Base: REDSTONE, AL (01750)

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%	99.28%	0	0.00%	16.67%
2009	694	99.28%	0.72%	0	0.00%	16.67%
2010	5	0.72%	0.00%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	699	100.00%	100.00%	0	0.00%	100.00%

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COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10) - Page 3/3
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Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Base: BELVOIR, VA (51062)

Year	Pers Moved Total	In/Added Percent	MilCon TimePhase	Pers Moved Total	Out/Eliminated Percent	ShutDn TimePhase
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	152	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	152	100.00%	100.00%	0	0.00%	100.00%

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COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA v6.10)
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	1,487	1,497	1,497	1,497	5,979	1,497
Recap Change	0	0	1,078	1,085	1,085	1,085	4,334	1,085
BOS Change	0	0	0	1,606	1,617	1,617	4,841	1,617
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	2,565	4,189	4,200	4,200	15,154	4,200

Alexandria / I-395 A, VA (HSA001)

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	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0							

Roslyn - Ballston Co, VA (HSA018)

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	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0							

Columbia MD, MD (HSA004)

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	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0							

Dulles Corridor, VA (HSA006)

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	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0							

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Huntsville AL, AL (HSA010)								
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	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0							

REDSTONE, AL (01750)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	1,367	1,377	1,377	1,377	5,498	1,377
Recap Change	0	0	997	1,005	1,005	1,005	4,012	1,005
BOS Change	0	0	0	1,534	1,545	1,545	4,624	1,545
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	2,364	3,916	3,927	3,927	14,134	3,927

BELVOIR, VA (51062)								
Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	120	120	120	120	482	120
Recap Change	0	0	80	80	80	80	322	80
BOS Change	0	0	0	72	72	72	216	72
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	201	273	273	273	1,020	273

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Year	Cost (\$)	Adjusted Cost (\$)	NPV (\$)
----	-----	-----	-----
2006	10,285,242	10,144,203	10,144,203
2007	0	0	10,144,203
2008	113,605,709	106,027,219	116,171,422
2009	-4,046,522	-3,673,720	112,497,702
2010	-96,726,749	-85,423,542	27,074,160
2011	-36,098,564	-31,011,859	-3,937,699
2012	-36,098,564	-30,167,178	-34,104,877
2013	-36,098,564	-29,345,504	-63,450,380
2014	-36,098,564	-28,546,210	-91,996,590
2015	-36,098,564	-27,768,686	-119,765,276
2016	-36,098,564	-27,012,341	-146,777,618
2017	-36,098,564	-26,276,596	-173,054,214
2018	-36,098,564	-25,560,891	-198,615,105
2019	-36,098,564	-24,864,680	-223,479,785
2020	-36,098,564	-24,187,432	-247,667,218
2021	-36,098,564	-23,528,630	-271,195,848
2022	-36,098,564	-22,887,773	-294,083,621
2023	-36,098,564	-22,264,370	-316,347,992
2024	-36,098,564	-21,657,948	-338,005,940
2025	-36,098,564	-21,068,043	-359,073,982

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
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All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
Alexandria / I-395 A	0	0	0
Roslyn - Ballston Co	0	0	0
Columbia MD	0	0	0
Dulles Corridor	0	0	0
Huntsville AL	0	0	0
REDSTONE	112,802,847	0	112,802,847
BELVOIR	9,037,858	0	9,037,858
Totals:	121,840,705	0	121,840,705

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

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MilCon for Base: REDSTONE, AL (01750)

All values in 2005 Constant Dollars (\$K)

FAC Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
6100 General Administrative Building	SF	759,113	109,248	0 Default	0	109,248
8521 Vehicle Parking, Surfaced	SY	68,000	3,214	0 Default	0	3,214
7346 Exchange Sales Facility	SF	3,000	341	0 Default	0	341
Total Construction Cost:						112,803
- Construction Cost Avoid:						0
Total Net Milcon Cost:						112,803

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

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MilCon for Base: BELVOIR, VA (51062)

All values in 2005 Constant Dollars (\$K)

FAC Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
6100 General Administrative Building	SF	47,650	8,221	0 Default	0	8,221
8521 Vehicle Parking, Surfaced	SY	8,400	476	0 Default	0	476
7346 Exchange Sales Facility	SF	1,000	136	0 Default	0	136
7421 Indoor Physical Fitness Facility	SF	1,000	204	0 Default	0	204
Total Construction Cost:						9,038
- Construction Cost Avoid:						0
Total Net Milcon Cost:						9,038

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

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TOTAL COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 1/24
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ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	10,060	0	111,040	740	0	0	121,841
O&M							
CIV SALARY							
Civ RIF	0	0	0	2,017	0	0	2,017
Civ Retire	0	0	0	558	0	0	558
CIV MOVING							
Per Diem	0	0	0	1,421	13	0	1,435
POV Miles	0	0	0	59	0	0	59
Home Purch	0	0	0	10,424	99	0	10,524
HHG	0	0	0	1,533	15	0	1,547
Misc	0	0	0	419	4	0	423
House Hunt	0	0	0	1,012	10	0	1,021
PPP	0	0	0	0	0	0	0
RITA	0	0	0	3,734	36	0	3,769
FREIGHT							
Packing	0	0	0	34	0	0	34
Freight	0	0	0	505	43	0	548
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	151	0	0	151
OTHER							
Info Tech	0	0	0	207	1	0	208
Prog Manage	0	0	0	0	0	0	0
Supt Contract	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	27	0	0	28
POV Miles	0	0	0	18	0	0	18
HHG	0	0	0	365	3	0	368
Misc	0	0	0	130	1	0	131
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	225	0	0	0	0	0	225
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	26,768	6,506	0	33,274
TOTAL ONE-TIME	10,285	0	111,040	50,123	6,732	0	178,180

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COBRA PERSONNEL/SF/SUSTAINMENT/RECAP/BOS DELTAS REPORT (COBRA v6.10)
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Base	Personnel			
	Start*	Finish*	Change	%Change
Alexandria / I-395 A	516	0	-516	-100%
Roslyn - Ballston Co	328	0	-328	-100%
Columbia MD	0	0	0	0%
Dulles Corridor	0	0	0	0%
Huntsville AL	0	0	0	0%
REDSTONE	13,049	13,748	699	5%
BELVOIR	14,205	14,357	152	1%
TOTAL	28,098	28,105	7	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
Alexandria / I-395 A	0	0	0	0%	0
Roslyn - Ballston Co	0	0	0	0%	0
Columbia MD	0	0	0	0%	0
Dulles Corridor	0	0	0	0%	0
Huntsville AL	0	0	0	0%	0
REDSTONE	11,688,000	12,450,113	762,113	7%	1,090
BELVOIR	12,025,000	12,074,650	49,650	0%	327
TOTAL	23,713,000	24,524,763	811,763	3%	115,966

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
Alexandria / I-395 A	0	0	0	0%	0
Roslyn - Ballston Co	0	0	0	0%	0
Columbia MD	0	0	0	0%	0
Dulles Corridor	0	0	0	0%	0
Huntsville AL	0	0	0	0%	0
REDSTONE	51,684,595	53,229,761	1,545,166	3%	2,210
BELVOIR	11,641,996	11,714,115	72,119	1%	474
TOTAL	63,326,591	64,943,876	1,617,285	3%	231,041

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Alexandria / I-395 A	0	0	0	0%	0
Roslyn - Ballston Co	0	0	0	0%	0
Columbia MD	0	0	0	0%	0
Dulles Corridor	0	0	0	0%	0
Huntsville AL	0	0	0	0%	0
REDSTONE	30,333,914	31,710,795	1,376,881	5%	1,970
BELVOIR	27,467,854	27,588,271	120,417	0%	792
TOTAL	57,801,768	59,299,065	1,497,297	3%	213,900

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Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Alexandria / I-395 A	0	0	0	0%	0
Roslyn - Ballston Co	0	0	0	0%	0
Columbia MD	0	0	0	0%	0
Dulles Corridor	0	0	0	0%	0
Huntsville AL	0	0	0	0%	0
REDSTONE	29,545,768	30,550,514	1,004,746	3%	1,437
BELVOIR	19,878,161	19,958,662	80,501	0%	530
TOTAL	49,423,929	50,509,176	1,085,247	2%	155,035

Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Alexandria / I-395 A	0	0	0	0%	0
Roslyn - Ballston Co	0	0	0	0%	0
Columbia MD	0	0	0	0%	0
Dulles Corridor	0	0	0	0%	0
Huntsville AL	0	0	0	0%	0
REDSTONE	111,564,277	115,491,070	3,926,793	4%	5,618
BELVOIR	58,988,011	59,261,048	273,037	0%	1,796
TOTAL	170,552,288	174,752,118	4,199,830	2%	599,976

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
Alexandria / I-395 A	0	0	0	0%	0
Roslyn - Ballston Co	0	0	0	0%	0
Columbia MD	0	0	0	0%	0
Dulles Corridor	0	0	0	0%	0
Huntsville AL	0	0	0	0%	0
REDSTONE	3,043,214,095	3,146,702,946	103,488,851	3%	148,053
BELVOIR	2,047,450,590	2,055,742,203	8,291,613	0%	54,550
TOTAL	5,090,664,685	5,202,445,149	111,780,464	2%	15,968,638

* "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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RECURRINGCOSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
O&M								
Sustainment	0	0	1,487	1,497	1,497	1,497	5,979	1,497
Recap	0	0	1,078	1,085	1,085	1,085	4,334	1,085
BOS	0	0	0	1,606	1,617	1,617	4,841	1,617
Civ Salary	0	0	0	236	472	472	1,179	472
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	973	985	985	2,943	985
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	2,565	5,398	5,656	5,656	19,276	5,656
TOTAL COST	10,285	0	113,606	55,521	12,388	5,656	197,456	5,656
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	493	4	0	497	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	18,679	67,356	0	86,035	
TOTAL ONE-TIME	0	0	0	19,171	67,360	0	86,532	
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	0	0	0	0	0	0
Civ Salary	0	0	0	1,051	1,059	1,059	3,170	1,059
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	2,112	2,137	2,137	6,386	2,137
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	37,232	38,559	38,559	114,350	38,559
TOTAL RECUR	0	0	0	40,396	41,755	41,755	123,905	41,755
TOTAL SAVINGS	0	0	0	59,567	109,115	41,755	210,437	41,755

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 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

ONE-TIME NET -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
CONSTRUCTION								
MILCON	10,060	0	111,040	740	0	0	121,841	
O&M								
Civ Retir/RIF	0	0	0	2,575	0	0	2,575	
Civ Moving	0	0	0	19,140	221	0	19,361	
Info Tech	0	0	0	207	1	0	208	
Other	0	0	0	151	0	0	151	
MIL PERSONNEL								
Mil Moving	0	0	0	49	0	0	49	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	225	0	0	0	0	0	225	
Misc Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	8,089	-60,850	0	-52,761	
TOTAL ONE-TIME	10,285	0	111,040	30,951	-60,628	0	91,424	
RECURRING NET -----(\$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	1,487	1,497	1,497	1,497	5,979	1,497
Recap	0	0	1,078	1,085	1,085	1,085	4,334	1,085
BOS	0	0	0	1,606	1,617	1,617	4,841	1,617
Civ Salary	0	0	0	-816	-587	-587	-1,990	-587
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	-1,139	-1,152	-1,152	-3,443	-1,152
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	-37,232	-38,559	-38,559	-114,350	-38,559
TOTAL RECUR	0	0	2,565	-34,998	-36,098	-36,098	-104,629	-36,098
TOTAL NET COST	10,285	0	113,606	-4,046	-96,727	-36,098	-12,981	-36,098

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 4/24
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Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Alexandria / I-395 A, VA (HSA001)

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	0	1,008	0	0	1,008
Civ Retire	0	0	0	273	0	0	273
CIV MOVING							
Per Diem	0	0	0	706	13	0	719
POV Miles	0	0	0	29	0	0	30
Home Purch	0	0	0	5,175	99	0	5,274
HHG	0	0	0	763	15	0	778
Misc	0	0	0	208	4	0	212
House Hunt	0	0	0	503	10	0	512
PPP	0	0	0	0	0	0	0
RITA	0	0	0	1,854	36	0	1,889
FREIGHT							
Packing	0	0	0	18	0	0	18
Freight	0	0	0	293	36	0	330
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	76	0	0	76
OTHER							
Info Tech	0	0	0	58	1	0	59
Prog Manage	0	0	0	0	0	0	0
Supt Contract	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	18	0	0	18
POV Miles	0	0	0	12	0	0	12
HHG	0	0	0	234	3	0	237
Misc	0	0	0	84	1	0	85
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
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	37	6,483	0	6,520
TOTAL ONE-TIME	0	0	0	11,348	6,703	0	18,052

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 5/24
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Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Alexandria / I-395 A, VA (HSA001)								
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	0	0	0	11,348	6,703	0	18,052	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	313	4	0	317	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	8,521	65,558	0	74,079	
TOTAL ONE-TIME	0	0	0	8,834	65,562	0	74,396	
RECURRINGSAVES								
-----(\$K)-----	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	0	0	0	0	0	0
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	1,339	1,363	1,363	4,066	1,363
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	21,506	21,506	21,506	64,518	21,506
TOTAL RECUR	0	0	0	22,845	22,870	22,870	68,585	22,870
TOTAL SAVINGS	0	0	0	31,680	88,432	22,870	142,981	22,870

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COBRA REALIGNMENT DETAIL REPORT (COBRA v6.10) - Page 6/24
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Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Alexandria / I-395 A, VA (HSA001)								
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	1,281	0	0	1,281	
Civ Moving	0	0	0	9,549	214	0	9,763	
Info Tech	0	0	0	58	1	0	59	
Other	0	0	0	76	0	0	76	
MIL PERSONNEL								
Mil Moving	0	0	0	34	0	0	35	
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	-8,484	-59,074	0	-67,559	
TOTAL ONE-TIME	0	0	0	2,514	-58,859	0	-56,344	
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	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE								
MIL PERSONNEL	0	0	0	0	0	0	0	0
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	-1,339	-1,363	-1,363	-4,066	-1,363
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	-21,506	-21,506	-21,506	-64,518	-21,506
TOTAL RECUR	0	0	0	-22,845	-22,870	-22,870	-68,585	-22,870
TOTAL NET COST	0	0	0	-20,331	-81,728	-22,870	-124,929	-22,870

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Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Roslyn - Ballston Co, VA (HSA018)

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	0	1,008	0	0	1,008
Civ Retire	0	0	0	285	0	0	285
CIV MOVING							
Per Diem	0	0	0	715	0	0	715
POV Miles	0	0	0	29	0	0	29
Home Purch	0	0	0	5,249	0	0	5,249
HHG	0	0	0	770	0	0	770
Misc	0	0	0	211	0	0	211
House Hunt	0	0	0	509	0	0	509
PPP	0	0	0	0	0	0	0
RITA	0	0	0	1,880	0	0	1,880
FREIGHT							
Packing	0	0	0	16	0	0	16
Freight	0	0	0	211	2	0	213
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	76	0	0	76
OTHER							
Info Tech	0	0	0	51	0	0	51
Prog Manage	0	0	0	0	0	0	0
Supt Contract	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	10	0	0	10
POV Miles	0	0	0	6	0	0	6
HHG	0	0	0	132	0	0	132
Misc	0	0	0	46	0	0	46
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
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	78	0	0	78
TOTAL ONE-TIME	0	0	0	11,284	2	0	11,286

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Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Roslyn - Ballston Co, VA (HSA018)								
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	0	0	0	11,284	2	0	11,286	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	180	0	0	180	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	10,058	424	0	10,483	
TOTAL ONE-TIME	0	0	0	10,238	424	0	10,662	
RECURRINGSAVES								
-----(\$K)-----	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	0	0	0	0	0	0
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	773	773	773	2,319	773
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	15,603	16,163	16,163	47,928	16,163
TOTAL RECUR	0	0	0	16,376	16,936	16,936	50,248	16,936
TOTAL SAVINGS	0	0	0	26,614	17,360	16,936	60,910	16,936

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Base: Roslyn - Ballston Co, VA (HSA018)								
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	1,294	0	0	1,294	
Civ Moving	0	0	0	9,591	2	0	9,594	
Info Tech	0	0	0	51	0	0	51	
Other	0	0	0	76	0	0	76	
MIL PERSONNEL								
Mil Moving	0	0	0	14	0	0	14	
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	-9,980	-424	0	-10,404	
TOTAL ONE-TIME	0	0	0	1,046	-422	0	624	
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	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE								
MIL PERSONNEL	0	0	0	0	0	0	0	0
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	-773	-773	-773	-2,319	-773
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	-15,603	-16,163	-16,163	-47,928	-16,163
TOTAL RECUR	0	0	0	-16,376	-16,936	-16,936	-50,248	-16,936
TOTAL NET COST	0	0	0	-15,330	-17,358	-16,936	-49,624	-16,936

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Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Columbia MD, MD (HSA004)	2006	2007	2008	2009	2010	2011	Total
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	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	1	0	1
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 Contract	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
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	1	0	1

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SPF

Base: Columbia MD, MD (HSA004)	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	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	0	0	0	0	1	0	1	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	16	0	0	16	
TOTAL ONE-TIME	0	0	0	16	0	0	16	
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	0	0	0	0	0	0
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	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	13	13	13	40	13
TOTAL RECUR	0	0	0	13	13	13	40	13
TOTAL SAVINGS	0	0	0	30	13	13	57	13

Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Columbia MD, MD (HSA004)

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	0	0	0	0	
Civ Moving	0	0	0	0	1	0	1	
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	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	-16	0	0	-16	
TOTAL ONE-TIME	0	0	0	-16	1	0	-15	
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	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								
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	-13	-13	-13	-40	-13
TOTAL RECUR	0	0	0	-13	-13	-13	-40	-13
TOTAL NET COST	0	0	0	-30	-13	-13	-56	-13

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Department : Headquarters and Support JCSG
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Base: Dulles Corridor, VA (HSA006)

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	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	4	0	4
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 Contract	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
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	4	0	4

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Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Dulles Corridor, VA (HSA006)

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	0	0	0	0	4	0	4	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	83	0	0	83	
TOTAL ONE-TIME	0	0	0	83	0	0	83	
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	0	0	0	0	0	0
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	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	109	109	109	327	109
TOTAL RECUR	0	0	0	109	109	109	327	109
TOTAL SAVINGS	0	0	0	192	109	109	410	109

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Dulles Corridor, VA (HSA006)

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	0	0	0	0	
Civ Moving	0	0	0	0	4	0	4	
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	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	-83	0	0	-83	
TOTAL ONE-TIME	0	0	0	-83	4	0	-79	
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	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE								
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	-109	-109	-109	-327	-109
TOTAL RECUR	0	0	0	-109	-109	-109	-327	-109
TOTAL NET COST	0	0	0	-192	-105	-109	-406	-109

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Base: Huntsville AL, AL (HSA010)	2006	2007	2008	2009	2010	2011	Total
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	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 Contract	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
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	22	0	22
TOTAL ONE-TIME	0	0	0	0	22	0	22

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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Base: Huntsville AL, AL (HSA010)								
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	0	0	0	0	22	0	22	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	1,374	0	1,374	
TOTAL ONE-TIME	0	0	0	0	1,374	0	1,374	
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	0	0	0	0	0	0
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	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	768	768	1,535	768
TOTAL RECUR	0	0	0	0	768	768	1,535	768
TOTAL SAVINGS	0	0	0	0	2,142	768	2,909	768

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Huntsville AL, AL (HSA010)

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	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	0	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	-1,352	0	-1,352	
TOTAL ONE-TIME	0	0	0	0	-1,352	0	-1,352	
RECURRING NET								
-----(\$K)-----	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	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								
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	-768	-768	-1,535	-768
TOTAL RECUR	0	0	0	0	-768	-768	-1,535	-768
TOTAL NET COST	0	0	0	0	-2,119	-768	-2,887	-768

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: REDSTONE, AL (01750)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	9,314	0	102,748	740	0	0	112,803
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	56	0	0	56
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	225	0	0	0	0	0	225
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	25,043	0	0	25,043
TOTAL ONE-TIME	9,539	0	102,748	25,840	0	0	138,127

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: REDSTONE, AL (01750)								
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	1,367	1,377	1,377	1,377	5,498	1,377
Recap	0	0	997	1,005	1,005	1,005	4,012	1,005
BOS	0	0	0	1,534	1,545	1,545	4,624	1,545
Civ Salary	0	0	0	167	334	334	836	334
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	973	985	985	2,943	985
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	2,364	5,056	5,246	5,246	17,912	5,246
TOTAL COSTS	9,539	0	105,113	30,896	5,246	5,246	156,040	5,246
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								
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	1,049	1,056	1,056	3,162	1,056
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	0	1,049	1,056	1,056	3,162	1,056
TOTAL SAVINGS	0	0	0	1,049	1,056	1,056	3,162	1,056

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Department : Headquarters and Support JCSG
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 Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: REDSTONE, AL (01750)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
---- (\$K) ----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	9,314	0	102,748	740	0	0	112,803	
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	56	0	0	56	
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	225	0	0	0	0	0	225	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	25,043	0	0	25,043	
TOTAL ONE-TIME	9,539	0	102,748	25,840	0	0	138,127	
RECURRING NET								
---- (\$K) ----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	1,367	1,377	1,377	1,377	5,498	1,377
Recap	0	0	997	1,005	1,005	1,005	4,012	1,005
BOS	0	0	0	1,534	1,545	1,545	4,624	1,545
Civ Salary	0	0	0	-882	-722	-722	-2,326	-722
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	973	985	985	2,943	985
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	2,364	4,007	4,189	4,189	14,750	4,189
TOTAL NET COST	9,539	0	105,113	29,847	4,189	4,189	152,877	4,189

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: BELVOIR, VA (51062)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
----- (\$K) -----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	746	0	8,292	0	0	0	9,038
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	40	0	0	40
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	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	1,609	0	0	1,609
TOTAL ONE-TIME	746	0	8,292	1,650	0	0	10,688

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: BELVOIR, VA (51062)								
RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	120	120	120	120	482	120
Recap	0	0	80	80	80	80	322	80
BOS	0	0	0	72	72	72	216	72
Civ Salary	0	0	0	69	137	137	343	137
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	201	342	410	410	1,363	410
TOTAL COSTS	746	0	8,492	1,992	410	410	12,051	410
ONE-TIME SAVES								
-----(\$K)-----	----	----	----	----	----	----	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)-----	----	----	----	----	----	----	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	0	0	0	0	0	0
Civ Salary	0	0	0	2	2	2	7	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								
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	2	2	7	2
TOTAL SAVINGS	0	0	0	2	2	2	7	2

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: BELVOIR, VA (51062)	2006	2007	2008	2009	2010	2011	Total	
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION								
MILCON	746	0	8,292	0	0	0	9,038	
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	40	0	0	40	
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	0	0	0	0	0	
Misc Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	1,609	0	0	1,609	
TOTAL ONE-TIME	746	0	8,292	1,650	0	0	10,688	
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	120	120	120	120	482	120
Recap	0	0	80	80	80	80	322	80
BOS	0	0	0	72	72	72	216	72
Civ Salary	0	0	0	66	135	135	336	135
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	201	339	408	408	1,356	408
TOTAL NET COST	746	0	8,492	1,989	408	408	12,044	408

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006
 Model does Time-Phasing of Construction/Shutdown: Yes

Base Name, ST (Code)	Strategy:
Alexandria / I-395 A, VA (HSA001)	Realignment
Roslyn - Ballston Co, VA (HSA018)	Realignment
Columbia MD, MD (HSA004)	Realignment
Dulles Corridor, VA (HSA006)	Realignment
Huntsville AL, AL (HSA010)	Realignment
REDSTONE, AL (01750)	Realignment
BELVOIR, VA (51062)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE
 (Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
Alexandria / I-395 A, VA (HSA001)	REDSTONE, AL (01750)	703 mi
Alexandria / I-395 A, VA (HSA001)	BELVOIR, VA (51062)	10 mi
Roslyn - Ballston Co, VA (HSA018)	REDSTONE, AL (01750)	696 mi
Columbia MD, MD (HSA004)	REDSTONE, AL (01750)	726 mi
Dulles Corridor, VA (HSA006)	REDSTONE, AL (01750)	687 mi
Huntsville AL, AL (HSA010)	REDSTONE, AL (01750)	6 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Alexandria / I-395 A, VA (HSA001) to REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	69	1	0
Enlisted Positions:	0	0	0	15	0	0
Civilian Positions:	0	0	0	277	4	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	388	83	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Alexandria / I-395 A, VA (HSA001) to BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	10	0	0
Enlisted Positions:	0	0	0	3	0	0
Civilian Positions:	0	0	0	137	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

Transfers from Roslyn - Ballston Co, VA (HSA018) to REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	0	41	0	0
Enlisted Positions:	0	0	0	5	0	0
Civilian Positions:	0	0	0	282	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	230	5	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from Columbia MD, MD (HSA004) to REDSTONE, AL (01750)

	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	0	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	2	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from Dulles Corridor, VA (HSA006) to REDSTONE, AL (01750)

	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	0	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	9	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Huntsville AL, AL (HSA010) to REDSTONE, AL (01750)

	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	0	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	85	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

240 e/s.

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: Alexandria / I-395 A, VA (HSA001)

Total Officer Employees:	80	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	18	Total Sustainment (\$K/Year):	0
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	418	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV (\$K):	0
Starting Facilities (KSF):	0	Svc/Agcy Recap Rate (Years):	0
Officer BAH (\$/Month):	2,006	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,415		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.02		Admits Visits Prescrip
Per Diem Rate (\$/Day):	201	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	38.760953	Retiree	0 0 0
Longitude:	-77.095861	Retiree65+	0 0 0

Name: Roslyn - Ballston Co, VA (HSA018)

Total Officer Employees:	41	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	5	Total Sustainment (\$K/Year):	0
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	282	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV (\$K):	0
Starting Facilities (KSF):	0	Svc/Agcy Recap Rate (Years):	0
Officer BAH (\$/Month):	2,006	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,415		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.02		Admits Visits Prescrip
Per Diem Rate (\$/Day):	201	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	38.854780	Retiree	0 0 0
Longitude:	-77.051590	Retiree65+	0 0 0

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COBRA INPUT DATA REPORT (COBRA v6.10) - Page 4

Data As Of 05/05/05 12:42:35 PM, Report Created 05/05/05 12:42:42 PM

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: Columbia MD, MD (HSA004)

Total Officer Employees:	0	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	0
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	0	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	0
Starting Facilities(KSF):	0	Svc/Agcy Recap Rate (Years):	0
Officer BAH (\$/Month):	1,579	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,096		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.02		Admits Visits Prescrip
Per Diem Rate (\$/Day):	152	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	39.214358	Retiree	0 0 0
Longitude:	-76.879717	Retiree65+	0 0 0

Name: Dulles Corridor, VA (HSA006)

Total Officer Employees:	0	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	0
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	0	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	0
Starting Facilities(KSF):	0	Svc/Agcy Recap Rate (Years):	0
Officer BAH (\$/Month):	2,006	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,415		
Civ Locality Pay Factor:	1.147	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.02		Admits Visits Prescrip
Per Diem Rate (\$/Day):	201	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	38.833193	Retiree	0 0 0
Longitude:	-77.213088	Retiree65+	0 0 0

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: Huntsville AL, AL (HSA010)

Total Officer Employees:	0	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment (\$K/Year):	0
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	0	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	0
Starting Facilities(KSF):	0	Svc/Agcy Recap Rate (Years):	0
Officer BAH (\$/Month):	933	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	674		
Civ Locality Pay Factor:	1.115	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.83		Admits Visits Prescrip
Per Diem Rate (\$/Day):	106	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	34.727581	Retiree	0 0 0
Longitude:	-86.567359	Retiree65+	0 0 0

Name: REDSTONE, AL (01750)

Total Officer Employees:	304	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	502	Total Sustainment (\$K/Year):	32,505
Total Student Employees:	934	Sustain Payroll (\$K/Year):	2,171
Total Civilian Employees:	11,456	BOS Non-Payroll (\$K/Year):	52,009
Accomp Mil not Receiving BAH:	27.5%	BOS Payroll (\$K/Year):	34,847
Officer Housing Units Avail:	68	Family Housing (\$K/Year):	1,554
Enlisted Housing Units Avail:	240	Installation PRV(\$K):	3,043,214
Starting Facilities(KSF):	11,688	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	933	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	674		
Civ Locality Pay Factor:	1.115	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.85		Admits Visits Prescrip
Per Diem Rate (\$/Day):	106	CostFactor	4,106.00 94.00 22.21
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 53,942 43,513
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	324 15,108
Latitude:	34.616667	Retiree	0 38,847 149,850
Longitude:	-86.666667	Retiree65+	0 2,106 128,575

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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BELVOIR, VA (51062)

Total Officer Employees:	1,585	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	1,699	Total Sustainment (\$K/Year):	27,468
Total Student Employees:	393	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	10,526	BOS Non-Payroll (\$K/Year):	11,641
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	47,707
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV (\$K):	2,047,450
Starting Facilities (KSF):	12,025	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	2,006	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,415		
Civ Locality Pay Factor:	1.146	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.02		Admits Visits Prescrip
Per Diem Rate (\$/Day):	201	CostFactor	7,029.66 94.00 28.15
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	2,212 190,340 153,436
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	86 8,689
Latitude:	38.683334	Retiree	620 82,951 143,920
Longitude:	-77.133334	Retiree65+	399 38,978 127,451

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Alexandria / I-395 A, VA (HSA001)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	37	6,483	0
1-Time Unique Save (\$K):	0	0	0	8,521	65,558	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	21,506	21,506	21,506
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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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Roslyn - Ballston Co, VA (HSA018)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	78	0	0
1-Time Unique Save (\$K):	0	0	0	10,058	424	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	15,603	16,163	16,163
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: Columbia MD, MD (HSA004)

	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	16	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	13	13	13
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%

Department : Headquarters and Support JCSG
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INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Dulles Corridor, VA (HSA006)

	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	83	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	109	109	109
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: Huntsville AL, AL (HSA010)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	0	22	0
1-Time Unique Save (\$K):	0	0	0	0	1,374	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	768	768
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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INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: REDSTONE, AL (01750)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	25,043	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):	225	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	56	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: BELVOIR, VA (51062)

	2006	2007	2008	2009	2010	2011
1-Time Unique Cost (\$K):	0	0	0	1,609	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	40	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

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INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: REDSTONE, AL (01750)

	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	5	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:	-89	-13	0	0	0	0
Stu Prog nonBRAC Change:	-3	-42	0	0	0	0
Prog FH Privatization:	0%	100%	0%	0%	0%	0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: BELVOIR, VA (51062)

	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	2	0	0
Off Prog nonBRAC Change:	0	0	3	0	0	0
Enl Prog nonBRAC Change:	0	0	3	0	0	0
Civ Prog nonBRAC Change:	-6	-2	0	-3	0	0
Stu Prog nonBRAC Change:	6	1	0	0	0	0
Prog FH Privatization:	100%	0%	0%	0%	0%	0%

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: REDSTONE, AL (01750)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
6100	SF	759,113	0 Default	0	138.78	2.52
8521	SY	68,000	0 Default	0	45.83	1.07
7346	SF	3,000	0 Default	0	109.40	3.15

Name: BELVOIR, VA (51062)

FAC	UM	New MilCon	Rehab MilCon	TotCost(\$K)	FPG Con CF	FPG Sust CF
6100	SF	47,650	0 Default	0	138.78	2.52
8521	SY	8,400	0 Default	0	45.83	1.07
7346	SF	1,000	0 Default	0	109.40	3.15
7421	SF	1,000	0 Default	0	164.11	3.48

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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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FOOTNOTES FOR SCREEN ONE

Screen One Footnotes
(Revised 05/1/05)
HSA-0047RV2 (MDA to REDSTONE Arsenal)

Scenario description

Close the Suffolk Building. Relocate HQ liaison office for MDA to leased space in Arlington, VA. Relocate
remaining MDA functions to Redstone Arsenal, Huntsville, AL. Close the SMDC Building in Huntsville by
relocating MDA to Redstone Arsenal. Realign FOB 2 by relocating MDA to Redstone Arsenal. Realign
Crystal Square 2 by relocating MDA and HQ USA SMDC to Redstone Arsenal. Realign Crystal Mall 4 by
relocating HQ USA SMDC to Redstone Arsenal.

All moves are accomplished in 2009 and 2010.

Locations Affected by Relocation:

Note: per direction of OGC attorney, only locations that are government-controlled are listed in the Scenario
Description w/r/t Close or Realign. This scenario also affects a number of contractor-provided locations.
The locations affected are listed below and are designated as "Gov't" or "Contractor".

Alexandria/I-395:

- FOB2 - Gov't
Crystal Square 2 - Gov't
Crystal Mall 4 - Gov't
4725-B Eisenhower Ave - Contractor
1901 North Beauregard St - Contractor
Crystal Square 5 - Contractor
Crystal Park 5 - Contractor

Roslyn Ballston Corridor

- Suffolk Building - Gov't
Sequoia Plaza 1, 2, and 3 - Contractor
Suffolk Building - Contractor
1901 N. Moore - Contractor
1911 N. Ft. Myer - Contractor

Columbia, MD

- 9861 Broken Land Pkwy - Contractor

Dulles Corridor

- 1710 SAIC Dr - Contractor

Huntsville, AL

- SMDC Building-Gov't
1554 The Boardwalk - Contractor
620 Discovery - Contractor
630 Discover - Contractor
Dynerics Bldg - Contractor
SPARTA Bldg - Contractor

FOOTNOTES FOR SCREEN TWO

Screen 2 Footnotes
(Revised 05/1/05)
Defense Table of Distance (DTOD): https://dtod.sddc.army.mil/default.aspx

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Distances that were not available in the COBRA static data (i.e. for any move involving leased space) were
determined using the DTOD website cited above, with methodology as follows:

- 1) a zip code representative of the defined Market Area (see Screen 3 footnotes for a description of
Market Areas") was found by typing the name of the major city/town in the Market Area into the "Origin
field of the DTOD. The first zip code in the response (if multiple) was selected.
2) The Receiving Installation was entered where appropriate in the DTOD
3) The result from the DTOD, as described in steps 1 and 2, was used in COBRA.

FOOTNOTES FOR SCREEN THREE

Screen Three Footnotes
(Revised 05/3/05)

Move MDA Elements located in the following locations (all leased except FOB2) to REDSTONE Army
Arsenal, with 47,650 G SF going to Ft. Belvoir (HQ/Command Element)

- 4725-B Eisenhower Avenue; Alexandria; VA
1901 North Beauregard Street; Alexandria; VA
Crystal Square 5; 1725 Jefferson Davis Hwy, Arlington VA
Crystal Park 5; 2451 Crystal Drive, Arlington VA
9861 Broken Land Parkway; Columbia; MD
1710 SAIC Drive; McLean; VA
Sequoia Plaza Bldg 1; Arlington; VA
Sequoia Plaza Bldg 2; Arlington; VA
Sequoia Plaza Bldg 3; Arlington; VA
Suffolk Building; Falls Church; VA
1901 N. Moore St, Arlington VA
1911 N. Ft Myer Dr, Arlington VA
1554 The Boardwalk; Huntsville; AL
620 Discovery Dr., Bldg 2; Huntsville; AL
630 Discovery Drive; Huntsville; AL
Dynetics Bldg; Huntsville; AL
SPARTA Bldg; Huntsville; AL
-----All Buildings above line are Contractor provided)-----

SMDC Bldg; Huntsville; AL (THAAD, Arrow, TC)
FOB-2; Arlington VA
Crystal Square 2; Arlington VA
Suffolk Bldg; Falls Church VA
SMDC HQ

All moves accomplished in 2009 and 2010
Source (Personnel, Equipment) : Scenario Data Call
For more details see the following files:

File "A" <HSA 0047 MDA Input Worksheets REVISION 03 May 05> (Copy of latest MDA Input and
summary) this file includes the revised MDA inputs(See File "C") for this scenario and the combined
COBRA inputs from the US Army (See File "B"). The worksheet entitled REVISEDNOTES show the details
of spaces and personnel included in the scenario from the noted file inputs.

Note: Considerations Concerning COBRA Analysis

Allowance for MDA Headquarters/Command Office in DC Area -- This recommendation provides for the
relocation of MDA's headquarters operations to a location outside of the DC Area. MDA has requested that
a Command Element of 150 persons be located in the DC Area. This office will be located at Ft. Belvoir,
per instruction to the HSA JCSG from the OSD BRAC office and OGC attorney. The information about

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personnel for this office is contained in certified data provided to the HSA JCSG by MDA on 03 May 05; the personnel staffing the Command office will relocate from FOB2. The office at Ft. Belvoir will require 47,650 GSF; this is based on 150 personnel * 200 GSF/person (30,000 GSF) plus 17,760 GSF special space (provided by MDA in the above-reference certified data on 03 May 05-see Table 6.1.2). The US Army declined to provide any Screen 5 or Screen 7 data for this new space requirement at Ft. Belvoir (ref. Mike Maguire, 28 APR 05) since it had previously completed all allocations of MILCON and Cost Data for Ft. Belvoir. The required square feet in this Candidate Recommendation should have little to no total impact on BRAC actions and costs at Ft. Belvoir given that approximately 4 million GSF of new construction is planned for this location. The requirement discussed herein is only approximately 1% of this total requirement at Ft. Belvoir.

File "B" <REVISION 4 HSA 0047 REDSTONE-SMDC-MDA 30 MAR 05 Response.xls> (Army Input)

File "C" <MDA Reorg Scenario for HSA 3 May 05.xls>

File "D" <HSA 0047 MDA Update 2 Dec 04 MAH-0004 - MDA Final 22 Mar 05v2.xls>

Contractors' Office Equipment is estimated at 710 pounds per person: this is a standard COBRA factor per person for moving Administrative Space

There are 2000 pounds in 1 Ton (source: common knowledge)

"Market Areas": Leased space analysis involves multiple locations/buildings often located in a relatively small geographic area. In order to streamline the COBRA analysis, leased locations were pre-assigned to a series of "Market Areas" by the HSA JCSG based on the market areas defined by the COSTAR database.

All buildings in each area were assumed to share the same static data (see Screen 4).

From Alexandria / I-395 Area To REDSTONE

Personnel:

2009: 69 Officer, 15 Enlisted, 277 Civilian, and 790 Contractors. Source: File C, Tab HSA0047 and File B, Section 9, Lines 9.1.1 and 9.1.2 and summarized by Market Area in File A, REVISED NOTES worksheet

2010: 1 Officer, 0 Enlisted, 4 Civilian, and 234 Contractors. Same Source as preceding line.

Support Equipment:

2009 - Support Eq: (107.56 T (File C, Table 6.1.1) + 790 Contractor Personnel * 710lbs/2000lbs) = 388.01 T

2010 - Support Eq: (0 T + 234 Contractor Personnel * 710lbs/2000lbs) = 83.07 T

From Alexandria/I-395 to BELVOIR

Personnel:

2009: 10 Officer, 3 Enlisted, 137 Civilian, and NO Contractors. Source: File C, Tab HSA0047, summarized by Market Area in File A, REVISED NOTES worksheet. Moving from FOB2.

Support Equipment:

2009 - Support Eq: (0 T + 0 Contractor Personnel * 710lbs/2000lbs) = 0 T

From Roslyn - Ballston Corridor To REDSTONE

Personnel:

2009: 41 Officer, 5 Enlisted, 282 Civilian, and 648 Contractors. Source: File C, Tab HSA0047, summarized by Market Area in File A, REVISED NOTES worksheet

2010: 0 Officer, 0 Enlisted, 0 Civilian, and 13 Contractors. Same Source as preceding line.

Support Equipment:

2009 - Support Eq: (0 T + 648 Contractor Personnel * 710lbs/2000lbs) = 230.04 T

2010 - Support Eq: (0 T + 13 Contractor Personnel * 710lbs/2000lbs) = 4.615 T

From Columbia MD To REDSTONE

Personnel:

2010: 0 Officer, 0 Enlisted, 0 Civilian, and 5 Contractors. Source: File C, Tab HSA0047, summarized by Market Area in File A, REVISED NOTES worksheet

Support Equipment:

2010 - Support Eq: (0 T + 5 Contractor Personnel * 710lbs/2000lbs) = 1.775 T

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From Dulles Corridor To REDSTONE

Personnel:

2010: 0 Officer, 0 Enlisted, 0 Civilian, and 25 Contractors. Source: File C, Tab HSA0047, summarized by
Market Area in File A, REVISED NOTES worksheet

Support Equipment:

2010 - Support Eq: (0 T + 25 Contractor Personnel * 710lbs/2000lbs) = 8.875 T

From Huntsville AL To REDSTONE

Personnel:

2010: 0 Officer, 0 Enlisted, 0 Civilian, and 240 Contractors. Source: File C, Tab HSA0047, summarized by
Market Area in File A, REVISED NOTES worksheet

Support Equipment:

2010 - Support Eq: (0 T + 240 Contractor Personnel * 710lbs/2000lbs) = 85.2 T

FOOTNOTES FOR SCREEN FOUR

Screen 4 Footnotes

(Revised 05/3/05)

HSA JCSG made no entries in Screen 4 except for Leased Space Market Areas, as described below:

Static Data for leased space market areas were found using the following locations:

Officer and Enlisted BAH: <https://secureapp2.hqda.pentagon.mil/perdiem/bah.html>

Locality Pay Factor: <http://www.opm.gov/oca/04tables/indexGS.asp>

Area Cost Factor: DOD Facilities Pricing Guide available at

http://www.acq.osd.mil/ie/irm/ProgramAnalysis_Budget/ToolAndMetrics/FPG/FPG.htm

Per Diem Rates: <https://secureapp2.hqda.pentagon.mil/perdiem/perdiemrates.html>

Freight and Vehicle Costs: Assumed to be Army Standard of \$0.329 and \$4.84 respectively

Latitude and Longitude: <http://www.census.gov/cgi-bin/gazetteer>

Personnel Numbers for leased space market areas from following sources:

Alexandria/I-395:

80 Officer; 18 Enlisted; 418 Civilian

Totals determined from a + b + c below:

...to REDSTONE

From Screen 3 - Relocating Personnel

a) 2009: 69 Officer, 15 Enlisted, 277 Civilian, (n/a - 790 Contractors). Source: File C, Tab
HSA0047, summarized by Market Area in File A, REVISED NOTES worksheet

b) 2010: 1 Officer, 0 Enlisted, 4 Civilian, (n/a - 234 Contractors). Same Source as preceding line.

...to BELVOIR

From Screen 3-Relocating Personnel

c) 2009: 10 Officer, 3 Enlisted, 137 Civilian, and NO Contractors. Same Source as above. Moving from
FOB2

Roslyn-Ballston:

Totals same as personnel count in 2009, as follows:

2009: 41 Officer, 5 Enlisted, 282 Civilian, (n/a 648 Contractors). Source: File C, Tab HSA0047,
summarized by Market Area in File A, REVISED NOTES worksheet

2010: 0 Officer, 0 Enlisted, 0 Civilian, and 13 Contractors. Same Source as preceding line.

Columbia, MD:

There are no Gov't personnel relocating - all Contractors

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Dulles Corridor:
There are no Gov't personnel relocating - all Contractors

Huntsville, AL
There are no Gov't personnel relocating - all Contractors

REDSTONE, AL
Pre-populated by COBRA

BELVOIR
Pre-populated by COBRA
=====

FOOTNOTES FOR SCREEN FIVE

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Screen Five Footnotes
(Revised 05/4/05)

All moves accomplished in 2009 and 2010
Source: Scenario Data Call (SDC) / Capacity Data Call

For details on source files used, see notes in Screen 3 Footnotes:

LEASED SPACE ISSUES:
Defintions:
USF = Useable Square Feet
GSF = Gross Square Feet
RSF = Rentable Square Feet

Following items - SOURCE: Memorandum from ----- to Chairman, HSA-JCSG on 27 December
2004; Subject: Leased space measurement and cost assumptions:
USF times 1.25 equals GSF
RSF times 1.10 equals GSF
GSA Administrative Fee - 8% of lease cost. (2% is for lease cancellation with 120 days notice time)
PFPA - Pentagon Force Protection Anti-terror (PFPA) -15% of lease cost
Security Fees outside of NCR - \$0.34 per USF
WHS O&M fee - 6.8% of total lease space cost plus the GSA administrative cost
Leased space restoration - One-time restoration fees (\$0.75 per USF to remove Local area network lines for
classified and unclassified services; equivalent to \$.6/GSF)

AT/FP cost avoidance (\$28.28/GSF); SOURCE: Memorandum from -----, Chairman, HSA-JCSG,
to Chairman, Infrastructure Steering Group on 22 December 2004.
Aggregated Leased Cost figure, NCR (\$37.29/GSF) and Baltimore (\$23.45/GSF); SOURCE: CoStar or
SIOR Commercial Database. Memoranda from -----, Chairman, HSA-JCSG, to Chairman,
Infrastructure Steering Group on 2 November 2004 and 22 December 2004; Computation of Aggregated
Leased Cost Figure using methodology described in e-mail memorandum by ----- on 14
December 2004 (Subject: New Leased Space Guidance for COBRA).
Aggregated Leased Cost figures for non-NCR markets: same sources and methodology as above.
Huntsville (\$15.80/GSF); SOURCE: SIOR data for Huntsville, as adjusted

OTHER ITEMS/SOURCES:
Contractor Cost Avoidance (Contractor Savings Factor, CSF) (estimated at \$130K/contractor). From MDA,
See File D, Table 6.1.6, Cell H14
Unit Moving Cost (UMC), Tons 710#/(2000#/ton) = 0.355; SOURCE: COBRA standard factor

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In File C, Tab HSA0047, MDA indicated that personnel in certain locations would be subject to an "MDA Infrastructure Reduction". This means that such personnel are not expected to remain with MDA at the time of the BRAC relocation. Additionally, MDA sub-elements C2BMC and Sensor organization will not be subject to this Candidate Recommendation. Their personnel is removed from consideration in this COBRA. As such, it is expected that MDA will have a reduced amount of space at each affected location that will be subject to the BRAC action. To account for such reduced space, the HSA JCSG adjusted the amount of leased space in each affected location by applying a ratio of personnel remaining after MDA Infrastructure Reduction and the deletion of the C2BMC and Sensor personnel to current personnel. These calculations are shown on REVISEDNOTES in File A.

Alexandria / I-395 Area
 2009

Locations:

Government Leased:

Crystal Square 2/MDA: Original 53,200 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 66,500 GSF. Reduced to 32,313 GSF by HSA JCSG based on ratio of .49. See File C- Tab HSA0047, Line 2.1.4, for personnel change information and computation of GSF change on REVISEDNOTES in FILE A.
 Crystal Square 2: Original 6,125 USF/Source: Table 462, Non-Odin 19 Oct 04/Convert to GSF(x1.25) = 7,656 GSF
 Crystal Mall 4: Original 17,025 USF/Source: Table 462, Non-Odin 19 Oct 04/Convert to GSF(x1.25) = 21,813 GSF

Government - Currently Owned/Converts to Leased upon Closure: FOB 2 is scheduled to close by no later than 2010. It is assumed that, absence the BRAC Action described in this Candidate Recommendation, the occupants of FOB 2 would move to new leased space. Therefore, cost savings for the space in FOB 2 are reflected as if the alternative of a move to leased space is avoided.

FOB2: Original 228,500 USF/Source: File D, Worksheet, Line 2.1.3/ Convert to GSF (x1.25) = 285,625 GSF. Reduced to 217,516 GSF by HSA JCSG based on ratio of .76. See File C- Tab HSA0047, Line 2.1.3, for personnel change information and computation of GSF change on REVISEDNOTES in FILE A.

Contractor Leased:

4725-B Eisenhower Ave: Original 400 USF/Source: Table 462, Dbase 20 Jan 05 / Convert to GSF (x1.25) = 500 GSF. See File C- Tab HSA0047, Line 9.1.15
 1901 North Beauregard St: Original 100 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 125 GSF. See File C- Tab HSA0047, Line 9.1.17
 Crystal Square 5: Original 17,540 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 21,925 GSF. See File C- Tab HSA0047, Line 9.1.18

One-Time Unique Costs (\$K) - Lease Restoration

61,251 GSF (See Government Leased above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 0.6 = \$36.75 K

One-Time Unique Savings (\$K) - AT/FP Cost Avoidance

301,317 GSF (See All space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 28.28 = \$8,521.245 K

Misc. Recurring Savings (\$K) for Years 2009, 2010 and 2011- Lease Cost Avoidance & Contractor Cost Avoid

301,317 GSF (See All space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 37.29 + 79 Contractor Personnel (See File C and summary on REVISEDNOTES) * \$130.0 = \$21,506.111 K

2010

Location:

Contractor Leased:

Crystal Park 5: Original 111,200 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 139,000 GSF. Reduced to 122,587 GSF by HSA JCSG based on ratio of .88. See File C- Tab HSA0047,

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Line 9.1.21, for personnel change information and computation of GSF change on REVISEDNOTES in FILE A. MDA reported that this particular lease expires 2/29/2012 and is not subject to early termination. See File D, section 9, line 9.1.21. MDA reported that the termination cost of this lease would be \$10,373,538 based upon a termination in June 2009. The HSA JCSG subsequently adjusted the timing of the relocation out of this particular location to June 2010 and reduced the termination cost as follows. The time period between the end of June 2009 and the lease expiration date is 32 months. The move out date was pushed back 12 months, leaving 20 months of termination cost. The calculation is as follows: 10,373,538 divided by 32 months multiplied by the remaining 20 months = \$6,483,461.

Lease Costs/Breakup Fees in 2010 - from row 9.1.21 on REVISEDNOTES (See preceding note):
 One-Time Unique Costs (\$K) \$6,483.461

One-Time Unique Savings (\$K) - Reflects Lump Sum of Value in 2010 of future savings (assumes inflation and discount rate are same) from leased cost avoidance for the adjusted amount of space in row 9.1.21 on REVISEDNOTES (see note above); this lease expires after 2011 (COBRA entry period) and could not be reflected as Recurring Savings since such savings would not commence until 2012. As such, the total amount of future cost savings is shown in the year of the BRAC action and represents the amount that would have to be spent on alternative leased space beginning 3/1/12 in the absence of this BRAC action. The cost avoidance includes the one-time AF/FP cost and the cost of alternative leased space from 3/1/12 through 9/30/25, the end of the analysis period in COBRA.

Total in 2010: \$65,558,310 (Sum of items shown below)

One-time - AT/FP

122,587 GSF (see notes above on computation of space) * 28.28 = \$K 3,466.760

One-time - NPV of Leased Costs -Lease Expires After end of COBRA period at end of FY2011

122,587 (see notes above on computation of space) * 37.29 * 13 years and 7 months (3/1/12 through 9/30/25, fiscal year basis = 13.583 years) = \$K 62,091.550

Rossllyn - Ballston

2009

Locations:

Government Leased:

Suffolk Building: Original 129,644 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 162,055 GSF. Reduced to 130,757 GSF by HSA JCSG based on ratio of .81. See File C- Tab HSA0047, Line 2.1.5, for personnel change information and computation of GSF change on REVISEDNOTES in FILE A.

Contractor Leased:

Sequoia Plaza 2: Original 4,001 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 5,001 GSF. See File C- Tab HSA0047, Line 9.1.11.

Sequoia Plaza 3: Original 25,052 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 31,315 GSF. See File C- Tab HSA0047, Line 9.1.12.

Suffolk Building: Original 110,660 USF/Source: File D, Section 9, Line 9.1.13/ Convert to GSF (x1.25) = 138,325 GSF. Reduced to 114,788 GSF by HSA JCSG based on ratio of .83. See File C- Tab HSA0047, Line 9.1.13, for personnel change information and computation of GSF change on REVISEDNOTES in FILE A.

1901 N. Moore: Original 32,500 USF/Source: Source: File D, Section 9, Line 9.1.19/ Convert to GSF (x1.25) = 40,625 GSF. See File C- Tab HSA0047, Line 9.1.19.

One-Time Unique Costs (\$K) - Lease Restoration 130,757 GSF (See Government Leased above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 0.6 = \$78.454 K
 One-Time Unique Savings (\$K) - AT/FP Cost Avoidance 355,676 GSF (See All space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 28.28 = \$10,058.517 K
 Misc. Recurring Savings (\$K) - Lease Cost Avoidance + Contractor Cost Avoidance (355,676 GSF (See All space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 37.29) + 18
 Contractor Personnel (See File C and summary on REVISEDNOTES) * \$130K = \$15,603.158 K

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2010

Location:

Contractor Leased:

1911 N. Ft. Myer: Original 40,625 USF/Source: Source: File D, Section 9, Line 9.1.20 / Convert to GSF (x1.25) = 50,781 GSF. Reduced to 15,004 GSF by HSA JCSG based on ratio of .30. See File C- Tab HSA0047, Line 9.1.20, for personnel change information and computation of GSF change on REVISEDNOTES in FILE A.

One-Time Unique Savings (\$K) - AT/FP Cost Avoidance 15,004 GSF (See space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 28.28 = \$424.313 K
 Misc. Recurring Savings (\$K) (Also in 2011) - Lease Cost Avoidance (15,004 GSF (See space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 37.29) + all Misc Recurring Savings from 2009 (15,603.158) = \$16,162.657

Columbia MD

Location:

Contractor Leased:

9861 Broken Land Pkwy: Original 460 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 575 GSF. See File C- Tab HSA0047, Line 9.1.14.

2009

One-Time Unique Savings (\$K) - AT/FP Cost Avoidance 575 GSF (See space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 28.28 = \$16.3
 Misc. Recurring Savings (\$K) (for 2010 and 2011 also) - Lease Cost Avoidance 575 GSF (See space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 23.45 (Baltimore Rate) = \$13.5

Dulles Corridor

Location:

Contractor Leased:

1710 SAIC Dr: Original 2,340 USF/Source: Table 462, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 2,925 GSF. See File C- Tab HSA0047, Line 9.1.16.

2009

One-Time Unique Savings (\$K) - AT/FP Cost Avoidance 2,925 GSF (See space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 28.28 = \$82.7
 Misc. Recurring Savings (\$K) (for 2010 and 2011 also) - Lease Cost Avoidance 2,925 GSF (See space listed above and Space Movement Summary for Screen 5 on REVISEDNOTES) * 37.29 = \$109.1

Huntsville, AL

Locations:

Government Leased:

SMDC Building: Original 48,102 USF/Source: Table 311, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 60,128 GSF. Reduced to 37,501 GSF by HSA JCSG based on ratio of .62. See File C- Tab HSA0047, Line 2.1.2, for personnel change information and computation of GSF change on REVISEDNOTES in FILE A.

Contractor Leased:

1554 The Boardwalk: Original 780 USF/Source: Table 311, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 975 GSF. See File C- Tab HSA0047, Line 9.1.1.
 620 Discovery: Original 5,320 USF/Source: Table 311, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 6,650 GSF. See File C- Tab HSA0047, Line 9.1.2.
 630 Discovery: Original 1,130 USF/Source: Table 311, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 1,413 GSF. See File C- Tab HSA0047, Line 9.1.3.

COBRA INPUT DATA REPORT (COBRA v6.10) - Page 20

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Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
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Dynetics Bldg: Original 200 USF/Source: Table 311, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 250
GSF. See File C- Tab HSA0047, Line 9.1.7.
SPARTA Bldg: Original 1,440 USF/Source: Table 311, Dbase 20 Jan 05/ Convert to GSF (x1.25) = 1,800
GSF. See File C- Tab HSA0047, Line 9.1.8.

2010
One-Time Unique Costs (\$K) - Lease Restoration 37,501 GSF (See Government Leased above and
Space Movement Summary for Screen 5 on REVISEDNOTES)* 0.6 = \$22.501K
One-Time Unique Savings (\$K) - AT/FP Cost Avoidance 48,589 GSF (See all space listed above and
Space Movement Summary for Screen 5 on REVISEDNOTES)* 28.28 = \$1,374.097 K
Misc. Recurring Savings (\$K) (for 2011 also) - Lease Cost Avoidance 48,589 GSF (See all space listed
above and Space Movement Summary for Screen 5 on REVISEDNOTES)* 15.80 = \$767.706K

REDSTONE

Original:

2006: One Time Env. Non-Milcon Required (NEPA) \$(k) 400 Source: SEEI/Criterion 8 Report, see CR
Book
2009: One Time Utilities Costs (Env Non-Milcon Required) (\$K) 24,423.4 Source File B
2009: One-Time IT costs (\$K) 1709.7 Source File B

Above for Redstone superceded by US Army Allocation Figures in Final COBRA run. Source:
Memorandum 20 April 2005 from -----, DASA for Infrastructure Analysis; SUBJECT: Allocation of
Costs and Military Construction (MILCON) for Recommendations Impacting Army Installations (Update).
Cost Allocations for Recommendations Impacting Army Installations
Utilities Support: \$25,043,237
IT Costs: \$56,547
Environmental: \$225,081

BELVOIR

The Army provided the following data on 04 May 05. Add Certified Document Name:
Utilities Support: \$1,609,509
IT Costs: \$40,498
Environmental: \$0
=====

FOOTNOTES FOR SCREEN SIX

Screen Six Footnotes
(Revised 5/4/05)
Personnel changes or BOS add/reductions

REDSTONE

2009 BOS Plus up: 49 (Original, from File B, Section 9)

Above for Redstone superceded by US Army Allocation Figures in Final COBRA run. Source:
Memorandum 20 April 2005 from -----, DASA for Infrastructure Analysis; SUBJECT: Allocation of
Costs and Military Construction (MILCON) for Recommendations Impacting Army Installations (Update).
Cost Allocations for Recommendations Impacting Army Installations
BOS Change: 5

BELVOIR

The US Army provided allocation data for this CR on 05 May 05.
BOS Change: 2 Civilians

All personnel reductions are from Contractor personnel and, as such, are reflected in Screen 5.

Department : Headquarters and Support JCSG
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FOOTNOTES FOR SCREEN SEVEN

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Screen Seven Footnotes
(Revised 05/4/05)

REDSTONE

Original
6100 General Administrative Building 960,443 SF
Source: File B, Screen 7

Above for Redstone superceded by 2 items:

a) Total 6100 space needed recalculated by HSA JCSG based on new, certified SDC information provided
by MDA on 03 May 05 (see File C, Table 6.1.2 for special space), and summarized in FILE A,
REVISEDNOTES.

Personnel relocating to Redstone: 2,649
x 200 GSF per person = 529,800 GSF
Less: Space Avail in Von Braun 2 Building 14,000 GSF (Source File C, Excel line 61, 70 persons *
200 GSF)
Plus: Special Space Req by MDA 243,313 GSF (Source File C, Table 6.1.2)
Total: 759,113 GSF

b) US Army Allocation Figures in Final COBRA run. Source: Memorandum 20 April 2005 from -----, DASA for
Infrastructure Analysis; SUBJECT: Allocation of Costs and Military Construction (MILCON)
for Recommendations Impacting Army Installations (Update): "MILCON Allocations for Recommendations
Impacting Army Installations". All figures provided by Army except for 6100 space were used. The US Army
declined to provide revised Screen 7 data for this revised space requirement at Redstone Arsenal (ref. -----,
28 APR 05) since it had previously completed all allocations of MILCON and Cost Data for
Redstone.

8521 68,000
7346 3,000

BELVOIR

Total 6100 space needed calculated by HSA JCSG based on new, certified SDC information provided by
MDA on 03 May 05 (see File C), and summarized in FILE A, REVISEDNOTES.

Personnel relocating to BELVOIR: 150
x 200 GSF per person = 30,000 GSF
Plus: Special Space Req by MDA 17,650 GSF (Source File C, Table 6.1.2)
Total: 47,650 GSF

On 04 May 05, the US Army provided the following Screen 7 Data in ___document name___:

6100 47,650
8521 8,400
7346 1,000
7421 1,000

FPG Con CF and FPG Sust CF figures are provided by COBRA. HSA JCSG did not enter or change these
figures in COBRA and has no information as to their source.

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Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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FOOTNOTES FOR SCREEN EIGHT

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Screen Eight Footnotes

(Revised 02/17/05)

This Scenario does not have enclave requirements

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COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

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Department : Headquarters and Support JCSG
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Alexandria / I-395 A, VA (HSA001)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	97	1	0	98
NET CHANGE-Mil	0	0	0	-97	-1	0	-98
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	414	4	0	418
NET CHANGE-Civ	0	0	0	-414	-4	0	-418
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

Roslyn - Ballston Co, VA (HSA018)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	46	0	0	46
NET CHANGE-Mil	0	0	0	-46	0	0	-46
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	282	0	0	282
NET CHANGE-Civ	0	0	0	-282	0	0	-282
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

Columbia MD, MD (HSA004)

	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	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
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

Dulles Corridor, VA (HSA006)

	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	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
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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 Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Huntsville AL, AL (HSA010)	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	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
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

REDSTONE, AL (01750)	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	130	1	0	131
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	130	1	0	131
Jobs Gained-Civ	0	0	0	564	4	0	568
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	564	4	0	568
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

BELVOIR, VA (51062)	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	13	0	0	13
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	13	0	0	13
Jobs Gained-Civ	0	0	0	139	0	0	139
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	139	0	0	139
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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TOTAL COBRA PERSONNEL IMPACT REPORT (COBRA v6.10) - Page 1/8
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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
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	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	696	4	0	700
Early Retirement*	8.10%	0	0	0	45	0	0	45
Regular Retirement*	1.67%	0	0	0	10	0	0	10
Civilian Turnover*	9.16%	0	0	0	51	0	0	51
Civs Not Moving (RIFs)*	6.00%	0	0	0	34	0	0	34
Civilians Moving (the remainder)		0	0	0	556	4	0	560
Civilian Positions Available		0	0	0	140	0	0	140
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	696	4	0	700
Civilians Moving		0	0	0	556	4	0	560
New Civilians Hired		0	0	0	140	0	0	140
Other Civilian Additions		0	0	0	7	0	0	7
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	45	0	0	45
TOTAL CIVILIAN RIFs		0	0	0	34	0	0	34
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	147	0	0	147

* 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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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Alexandria / I-395 A, VA (HSA001)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	414	4	0	418
Early Retirement*	8.10%	0	0	0	22	0	0	22
Regular Retirement*	1.67%	0	0	0	5	0	0	5
Civilian Turnover*	9.16%	0	0	0	25	0	0	25
Civs Not Moving (RIFs)*	6.00%	0	0	0	17	0	0	17
Civilians Moving (the remainder)		0	0	0	345	4	0	349
Civilian Positions Available		0	0	0	69	0	0	69
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 RETIRMENTS		0	0	0	22	0	0	22
TOTAL CIVILIAN RIFs		0	0	0	17	0	0	17
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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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Roslyn - Ballston Co, VA (HSA018)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT								
Early Retirement*	8.10%	0	0	282	0	0	282	
Regular Retirement*	1.67%	0	0	5	0	0	5	
Civilian Turnover*	9.16%	0	0	26	0	0	26	
Civs Not Moving (RIFs)*	6.00%	0	0	17	0	0	17	
Civilians Moving (the remainder)		0	0	211	0	0	211	
Civilian Positions Available		0	0	71	0	0	71	
CIVILIAN POSITIONS ELIMINATED								
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	
Civilians Moving		0	0	0	0	0	0	
Civilian RIFs (the remainder)		0	0	0	0	0	0	
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		0	0	0	0	0	0	
New Civilians Hired		0	0	0	0	0	0	
Other Civilian Additions		0	0	0	0	0	0	
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	23	0	0	23	
TOTAL CIVILIAN RIFS		0	0	17	0	0	17	
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	
TOTAL CIVILIAN NEW HIRES		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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 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Columbia MD, MD (HSA004)	Rate	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	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
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	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 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	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 5/8

Data As Of 05/05/05 12:42:35 PM, Report Created 05/05/05 12:42:42 PM

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Dulles Corridor, VA (HSA006)Rate	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
Civilian Positions Available		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
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		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
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		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	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 6/8

Data As Of 05/05/05 12:42:35 PM, Report Created 05/05/05 12:42:42 PM

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: Huntsville AL, AL (HSA010)Rate	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
Civilian Positions Available		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
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		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
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		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	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 7/8

Data As Of 05/05/05 12:42:35 PM, Report Created 05/05/05 12:42:42 PM

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Fctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: REDSTONE, AL (01750)	Rate	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	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
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	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	559	4	0	563
Civilians Moving		0	0	0	419	4	0	423
New Civilians Hired		0	0	0	140	0	0	140
Other Civilian Additions		0	0	0	5	0	0	5
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	145	0	0	145

* 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 8/8
 Data As Of 05/05/05 12:42:35 PM, Report Created 05/05/05 12:42:42 PM

Department : Headquarters and Support JCSG
 Scenario File : S:\COBRA Workspace\COBRA - ----\COBRA INPUT Templates\MDA\HSA0047 (MDA Jt Missile Def Redstone) w- NCR enclave\2005 05 05 v6.10\HSA-0047R V2 (MDA to REDSTONE Arsenal).CBR
 Option Pkg Name: HSA-0047R V2 (MDA to REDSTONE Arsenal)
 Std Pctrs File : S:\COBRA Workspace\COBRA 6.10 - 20 April 05\BRAC2005.SFF

Base: BELVOIR, VA (51062)	Rate	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	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
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	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	137	0	0	137
Civilians Moving		0	0	0	137	0	0	137
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	2	0	0	2
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	2	0	0	2

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

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CO-LOCATE MISSILE AND SPACE DEFENSE AGENCIES

LEASED SPACE, VA

CLOSE/REALIGN

Out		In		Net Gain/(Loss)		Net Mission Contractor	Total Direct
Mil	Civ	Mil	Civ	Mil	Civ		
(6,199)	(15,754)	0	0	(6,199)	(15,754)	(972)	(22,925)

LEASED SPACE, AL

CLOSE

Out		In		Net Gain/(Loss)		Net Mission Contractor	Total Direct
Mil	Civ	Mil	Civ	Mil	Civ		

Recommendation: Close the Suffolk Building, a leased installation in Falls Church, VA. Relocate all Missile Defense Agency (MDA) functions, except the Ballistic Missile Defense System Sensors Directorate, to Redstone Arsenal, AL.

Recommendation: Close the Space and Missile Defense Command (SMDC) Building, a leased installation in Huntsville, AL. Relocate all functions of the Missile Defense Agency to Redstone Arsenal, AL.

Recommendation: Realign Federal Office Building 2, Arlington, VA, by relocating a Headquarters Command Center for the Missile Defense Agency to Fort Belvoir, VA, and by relocating all other functions of the Missile Defense Agency, except the Command and Control Battle Management and Communications Directorate, to Redstone Arsenal, AL.

Recommendation: Realign Crystal Square 2, a leased installation in Arlington, VA, by relocating all functions of the Missile Defense Agency and the Headquarters component of the USA Space and Missile Defense Command to Redstone Arsenal, AL.

Recommendation: Realign Crystal Mall 4, a leased installation in Arlington, VA, by relocating the Headquarters component of the USA Space and Missile Defense Command to Redstone Arsenal, AL.

