



Installation Report 5/9/92

- Man Egtz: Op. Personnel
- Fund & Facility
- Contingency, Man & Future Egtz
- Cost & Measure

- Provide good value of \$/Hepans (for training, etc.)
- Facility right to supply M/F as per subject
- Army die one time of a study for the full cost provided M/F of the high rate of use of training

C-1. 20/20/92

1/12/92

Op. & Impact

- In order to ensure safety to provide quality life for the base - ensure that the environment and other facilities a good life can be provided
- If a base is to be closed
- In order to ensure the transition of the base
- In order to ensure the transition of the base
- In order to ensure the transition of the base

**BASE ANALYSIS**

**FORT RITCHIE, MARYLAND**

**DOD RECOMMENDATION:** Close Fort Ritchie. Relocate the 1111th Signal Battalion and 1108th Signal Brigade to Fort Detrick, MD. Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ.

**ALTERNATIVE FOR CONSIDERATION:** Close Fort Ritchie. Relocate the 1111th Signal Battalion and 1108th Signal Brigade to Fort Detrick, MD. Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ. Enclave the National Guard facility.

CRITERIA	DOD RECOMMENDATION
MILITARY VALUE	7 of 15
FORCE STRUCTURE	No impact
ONE-TIME COSTS (\$ M)	69.9
ANNUAL SAVINGS (\$ M)	26.1
RETURN ON INVESTMENT	2001 (2 years)
NET PRESENT VALUE	275.5
BASE OPERATING BUDGET (\$ M)	35.2
PERSONNEL ELIMINATED (MIL / CIV)	140 / 177
PERSONNEL REALIGNED (MIL / CIV)	851 / 741
ECONOMIC IMPACT (BRAC 95 / CUM)	- 4.8 % / - 4.8%
ENVIRONMENTAL	No known impediments

BASE ANALYSIS

- FT RITCHIE IS AN 863 ACRES ~~8~~ CMD & CNTRL INSTALLATION <sup>LOCATED</sup> ON THE MD/PA BORDER
- ITS PRI FUNCTION IS TO PROVIDE BASE OPNS AND REAL PROPERTY SUPPORT TO THE ALTERNATE NATIONAL MILITARY COMMAND CENTER FACILITY (SITE R), ITS ASSOCIATED COMMUNICATIONS FACILITY (SITE C) & INSTALLATION TENANTS.
- MAJOR TENANTS INCLUDE THE DEFENSE INFORMATION SYSTEMS AGENCY -WESTERN HEMISPHERE (WITH A DISA REGIONAL MANAGEMENT CENTER), AND SIGNAL AND SECURITY UNITS SUPPORTING SITE R & C.
- THE DoD RECOMMENDATION IS TO CLOSE FT RITCHIE, RELOCATE ITS <sup>TENANTS</sup> ~~TENANTS~~, AND SUPPORT SITE R, FROM FORT DETRICK, MD, SOME 30+ MILES SOUTH EAST OF SITE R.
- WE ALSO DEVELOPED AN ALTERNATIVE RECOMMEDATION FOR CONSIDERATION DUE TO THE FACT THAT DOD RECOMMENDATION DID NOT COVER CONTINUATION OF A NEW NATIONAL GUARD ARMORY ON FORT RITCHIE'S PROPERTY.
- ~~DO~~ COST ESTIMATES ARE AS SHOWN
- FORT RITCHE CLOSURE WILL DIRECTLY AFFECT SOME 1900 JOBS - NEXT SLIDE
- 1-TIME COST FOR THE ACTION ESTIMATED AT \$69.9 MIL;  
RETURN ON INVEST TAKES ONLY 2 YEARS,  
WITH STEADY STATE SAVINGS OF \$26.1 MIL PER YEAR.
- ELIMINATES 317 POSITIONS (140 MILITARY & 177 CIV SPACES) & RELOCATING ALMOST 1600 POSITIONS (851 MILITARY & 741 CIV SPACES)
- THE RECOMMENDATION WILL HAVE A NEGATIVE 1-TIME & ACCUMULATIVE ECONOMIC IMPACT ON THE HAGERSTOWN, MD AREA OF 4.8%
- DoD IDENTIFIED NO KNOWN ENVIRONMENTAL IMPEDIMENTS TO IMPLEMENTING THE RECOMMENDATION

FORT RITCHIE

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ISSUES  
REVIEWED

- THIS <sup>CHART</sup>~~SLIDE~~ ENCAPSULATES THE ISSUES WE EVALUATED DURING ANALYSIS OF THE ~~DoD~~ RECOMMENDATIONS
- WILL BRIEF SUPPORT TO SITE R, POTENTIAL CONSOLIDATION OF THE DEFENSE INFORMATION SYSTEMS AGENCY- WESTERN-HEMISPHERE (KNOWN AS DISA-WESTHEM), & RITCHIE'S NATIONAL GUARD ARMORY
- PREPARED TO ADDRESS ANY OF THE ISSUES IN THE RIGHT HAND COLUMN - ~~NEXT CHART~~

FORT RITCHIE

(ISSUES SLIDE)

SITE R

- COMMUNICATIONS SUPPORT, FACILITIES ENGINEERING SUPPORT, SECURITY AND FIRE FIGHTING SUPPORT TO THE ALTERNATE NATIONAL MILITARY COMMAND CENTER (SITE R) IS A CRITICAL MISSION<sup>ARE</sup>
- <sup>Reloc address to relocate by support from Detrick in case of 2/1/00</sup> THE CHAIRMAN OF THE JOINT CHIEFS OF STAFF ACCEPTS THE INCREASE IN RESPONSE TIME ASSOCIATED WITH SUPPORTING SITE R FROM FORT DETRICK
- A CRITICAL MISSION OF FORT RITCHIE IS PROVIDING COMMUNICATIONS SUPPORT, SECURITY, AND FACILITY ENGINEERING TO THE ALTERNATE NATIONAL MILITARY COMMAND CENTER.
- CRITICAL CAPABILITY IS MAINTAINED ON-SITE FROM ELEMENTS STATIONED AT FORT RITCHIE.
- BACK-UP AND EMERGENCY RESPONSE CAPABILITY IS MAINTAINED APPROX 15 MINUTES AWAY AT FORT RITCHIE.
- COMMUNITY RAISED THE ISSUE OF DEGRADATION OF THE BACKUP RESPONSE IF SITE R SUPPORT UNITS ARE RELOCATED TO FORT DETRICK; INCREASING THE GROUND RESPONSE TIME TO 45 MINUTES - 1 HOUR.
- COMMUNITY BELIEF THAT DEGRADED RESPONSE TIME IS UNACCEPTABLE TO THE SUPPORT MISSION
- WE QUERIED THE JOINT STAFF ON THE ISSUE; THE CHAIRMAN REPLIED THAT THE RESPONSE TIME FROM FORT DETRICK MET THE JOINT STAFF'S REQUIREMENTS

(ISSUES SLIDES)

DISA-WEST HEM

<sup>DISA-WESTHEM</sup> COMMUNITY BELIEVES AN OPPORTUNITY WAS MISSED TO CONSOLIDATE<sup>DISPARATE ELE</sup> OF DISA WESTHEM AT FT. RITCHIE. DISA RUNS A STATE OF THE ART AUTOMATION INFO MGT CENTER AT RITCHIE. REDUNDANT, ROBUST COMMUNICATION LINKS EXIST. HOWEVER, NOTHING DISA DOES IS LOCATION UNIQUE. IN THE FINAL ANALYSIS, DISA WESTHEM MANAGES ELECTRONIC INFORMATION AND CAN BE LOCATED ANYWHERE PROPER COMMUNICATIONS NODES ARE AVAILABLE.

- ⇒ PREPONDERANCE OF DISA-WESTHEM AT FT RITCHIE; OTHER MEMBERS AT DENVER IN LEASED SPACE
- ⇒ FT RITCHIE LOCATED IN NCR; REGIONAL MGT CEN ALREADY EXISTS WITH SECURE., REDUNDANT COMMUNICATION LINKS
- ⇒ GREAT POTENTIAL SYNERGISM
- COMMUNITY CONTENDS \$5 MIL TO RELOCATE DISA WESTHEM IS AN UNDERSESTIMATE
- DoD POSITION IS TO RELOCATE DISA-WESTHEM - BASE TO BE DETERMINED
- ⇒ ESTIMATE REASONABLE
- ACTUAL COST TO BE WORKED OUT

(ISSUES SLIDE)

ARMY  
NATIONAL  
GUARD  
ARMORY

- BASE VISIT SURFACED A NEW NATIONAL GUARD ARMORY<sup>THAT</sup> WAS NOT COVERED IN THE DoD RECOMMENDATION
- ALTERNATIVE FOR COMMISSION CONSIDERATION COVERS CONTINUATION OF ~~THE~~<sup>TA AT</sup> FACILITY. -- NEXT SLIDE
- (CHANGE SLIDE)
- ⇒ CONSTRUCTION RECENTLY COMPLETED; HAD NOT BEEN TURNED OVER TO GUARD PROPERTY HOLDERS; ESCAPED ORIGINAL PROPERTY INVENTORY
- ⇒ WAS SOME DOUBT AS TO ITS PHYSICAL LOCATION ON/OFF FORT RITCHIE PROPERTY - IF OFF, NO NEED TO PROVIDE FOR CONTINUANCE; NO NEED TO INCLUDE CONTINUATION COSTS
- A RE-LOOK DETERMINED ARMORY ON RITCHIE PROPERTY; SERVICE DESIRES TO ENCLAVE
- COSTS NOW IN REVISED COST ESTIMATES

## FORT RITCHIE

### SCENARIO SUMMARY

- TO RECAP; <sup>DoD recommendation -</sup> CLOSE RITCHIE, RELOCATE SITE R SUPPORT UNITS TO FT DETRICK; INFO SYS ENGR CMD ELEMS TO FT HUACHUCA. <sup>THE</sup> ALTERNATIVE THE SAME WITH ADDITION OF ENCLAVING THE NATIONAL GUARD ARMORY
  - COSTS, PAYOFF AND SAVINGS OF THE TWO OPTIONS ARE ROUGHLY THE SAME;
  - BOTH RECOMMENDATIONS SAVE DEFENSE DOLLARS & REDUCE INFRASTRUCTURE WHILE ENSURING CONTINUED SUPPORT TO ALTERNATE NATIONAL MILITARY COMMAND CENTER; THE ALTERNATIVE HAS THE ADDITIONAL ADVANTAGE OF CONTINUING THE NATIONAL GUARD ARMORY,
- 69.9; PAYOFF WITH-IN 2 YRS; SAVE 26.1 MIL PER YEAR.
  - THE RECOMMENDATION DOES RESULT IN MOVING DISA-WESTHEM W/ COSTS TO RECONSTITUTE THE REGIONAL MGT CEN
  - ALTERNATIVELY, THE DoD RECOMMENDATION LEFT OUT THE NATIONAL GUARD ARMORY.
  
  - COSTS ASSOCIATED W/ ENCLAVING THE ARMORY
  - ⇒ 1 TIME COSTS ARE 70.2; NO CHANGES TO ANN SAVINGS RETURN ON INVEST STAYS 2 YRS; NPV VIRTUALLY THE SAME
- BOTH RECOMMEDATIONS SHARE THE DOWN-SIDE OF FORCING RELOCATION OF DISA-WESTHEM ~ *Early to your guidance*

**FORT RITCHIE**

(FLAWED)

FLAWED COST ESTIMATES

- DURING COMMISSION BASE VISIT, THE COMMUNITY HIGHLIGHTED PROBLEMS WITH SELECT ELEMENTS OF THE DATA SUPPORTING THE COBRA COST ESTIMATE FOR THE DoD RECOMMENDATION
  - ⇒ BASE LINE STRENGTH DID NOT INCLUDE DISA-WESTHEM 200+ ASSIGNED PERSONNEL; NO PROVISION FOR HANDLING DISA UPON RITCHIE CLOSURE; FAMILY HOUSING COSTS WERE OFF BY A FACTOR OF 10 ( OVERSTATING SAVINGS)
  - ⇒ NO PROVISIONS MADE FOR CONTINUING ON-SITE SUPPORT AT SITE R; NO COSTS INCLUDED FOR CONTINUED OPERATION OF A NEW NATIONAL GUARD ARMORY
- COMMUNITY CONTENTS COST ESTIMATE SO FLAWED AS TO INVALIDATE BASIS FOR DECISION
  - ⇒ ARMY AGREED WITH MANY OF THE COMMUNITY ISSUES & RE-STARTED DATA GATHERING PROCESS WITH AAA SUPERVISION; PROVIDED COMMISSION WITH NEW COST ESTIMATE (AS BRIEFED ON INITIAL CHART)
    - 1 TIME COSTS DECREASED FROM 92.8 M - 69.9 M BECAUSE REQTS FOR MILCON & FAM HSG WENT DOWN
    - ⇒ ROI INCREASED FROM 1 - 2 YEARS
    - ⇒ STEADY STATE SAVES DECREASED FROM 65 M TO 26 M/YR DUE TO BASOPS AT SITE R & ACCTG FOR CONTINUED DISA BASOPS
- NEW SERVICE COST ESTIMATES CORRECTED ORIG MISTAKES IN HOUSING, DISA RELOCATION, AND SITE R GARRISON ACITIVITY.
  - **COMMUNITY STILL DISAGREES; CONTENTS \$5 MIL FOR DISA RELOC UNDERSTATED; NO INCREASES FOR ISEC-CONUS TDY; WE RAN SENSITIVITY ANALYSIS USING SEVERAL COMMUNITY FIGURES AND FIND THEY DO NOT MATERIALLY ALTER FINANCIAL ATTRACTIVENESS OF THE RECOMMENDATION - REASONABLE CONTENTIONS REDUCED NPV TO \$ 241.8 MIL; 1-TIME COSTS INCR TO 88.9 MIL; ANN SAVES REDUCED TO 25.1; ROI OUT TO 3 YR**

(FLAWED)

INCREASED OPERATING COSTS

- COMMUNITY CONTENTS COST ESTIMATES DID NOT PROPERLY CAPTURE INCREASED OPERATING COSTS RESULTING FROM MOVING INFT SYS ENGR CMD AND TECH APPLICATIONS OFC TO FT HUACHUCA
- ARGUED MAJORITY OF CUSTOMERS ARE LOCATED ON EAST COAST; SERVICING FROM AZ WILL SIGNIFICANTLY INCREASE OPERATIONS COSTS
  - DoD ARGUES THAT INCREASES FROM ACTUAL TRAVEL WILL BE INSIGNIF
  - RELOC ALLOWS NET SAVINGS AND MORE EFFICIENT OPERATIONS BY LOCATING ISEC ELEMENTS WITH THERE PARENT ORGANIZATION AT FT HUACHUCA
- RAN SENSITIVITY ANALYSIS - NO SIGNIF CHANGE; NPV 261; 1 TIME 69.9; ANN SAVES OF 18.3; NC TO ROI

FORT RITCHIE

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(WATER)

WATER AT  
GAINING  
LOCATION

- COMMUNITY ARGUES THAT DoD POSITION OF NO ENVIRONMENTAL IMPEDIMENTS FAILS TO CONSIDER EXISTING CONDITION OF WATER SHORTAGE AT SIERRA VISTA, AZ; LOCATION OF FT HUACHUCA
- COMMUNITY CONTENDS RELOC OF UP TO 1000 TOTAL PEOPLE (SPACES + FAMILY MEMBERS) FOR RITCHIE WILL EXACERBATE ALREADY UNTENNABLE SITUATION
- DoD'S ENVIRONMENTAL BASELINE SURVEY DID ASSESS IF SUFFICIENT WATER CAPACITY AVAIL FOR RELOCATING PERS
- POSITION AFFIRMED BY LETTER FROM MAYOR SIERRA VISTA ARGUING ISSUE WAS ONE OF WATER MANAGEMENT VS WATER SHORTAGE
- COMMISSION ENVIRONMENTAL STAFF MEMBER REVIEWED DoD PROCEDURES AND NOTES A FULL ENVIRONMENTAL IMPACT STUDY WOULD BE NEEDED ONLY W/ COMMISSION ADOPTION OF THE DoD RECOMMENDATION
- STAFF SUPPORTS DoD POS'N; NOTES FULL EIS COULD SURFACE ADDITIONAL FACTORS FOR DoD/EPA TO ADDRESS AT THAT TIME

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(WATER)

ECONOMIC  
IMPACT

- COMMUNITY CONTENDED ECONOMIC IMPACT ACTUALLY GREATER THAN ESTIMATED BY DoD
    - ⇒ SEVERE IMPACT ON AN ALREADY DEPRESSED REGION
    - ⇒ RECOMMENDATION CONSIDERED ONLY HAGERSTOWN METROPOLITAN STATISTICAL AREA WORKERS FROM RITCHE LIVE ACROSS AREA OF N. MD / S. PA
    - ⇒ WASHINGTON COUNTY ALREADY PART TO APPALACHIAN REGIONAL COMMISSION W/ UNEMPLYT RATE WELL ABOVE NATIONAL AVE
  - DoD NOTES MILITARY VALUE ASSESSMENT TAKES PRECEDENCE
  - ECON IMPACT WAS CONSIDERED IN OVERALL EVAL - NO DESIGNATED THRESHOLD
  - COMMUNITY PROVIDED STAFF BY ZIP EMPL LOC; SENSITIVITY ANALYSIS INDICATED ACTUALLY DILUTED COMMUNITY CASE SINCE SAME # POSITIONS (ELIMS / RELOCS) SPREAD OVER LARGER AREA/TOT POP
  - ANALYSIS OF SERVICE COST ESTIMATES INDIC ABOUT HALF TOTAL POSITIONS AFFECTED REMAIN DETRICK/SITE R
-



**Audit**



**Report**

OFFICE OF THE INSPECTOR GENERAL

RELOCATION OF THE DEFENSE INFORMATION  
SYSTEMS AGENCY WESTERN HEMISPHERE,  
FORT RITCHIE, MARYLAND

Report No. 95-277

July 7, 1995

Department of Defense



**INSPECTOR GENERAL**  
DEPARTMENT OF DEFENSE  
400 ARMY NAVY DRIVE  
ARLINGTON, VIRGINIA 22202-2884



July 7, 1995

**MEMORANDUM FOR DIRECTOR, DEFENSE INFORMATION SYSTEMS  
AGENCY  
DEPUTY ASSISTANT SECRETARY OF DEFENSE  
(INSTALLATIONS)  
AUDITOR GENERAL, DEPARTMENT OF THE ARMY**

**SUBJECT: Audit Report on Relocation of the Defense Information Systems Agency  
Western Hemisphere, Fort Ritchie, Maryland (Report No. 95-277)**

We are providing this audit report for your information and use. The audit was requested by the Deputy Assistant Secretary of Defense (Installations) based on an allegation by the Army concerning the expansion of the Defense Information Systems Agency Western Hemisphere at Fort Ritchie, Maryland. We considered comments on a draft of this report in preparing the final report.

The Defense Information Systems Agency Western Hemisphere concurred with Recommendation 1. The Army concurred with Recommendations 2. and 3., but stated that Recommendation 2. should be redirected to the Assistant Chief of Staff for Installation Management. As a result of management comments, we revised and redirected draft Recommendation 2. Based on management comments, all actions have been completed; therefore, no additional comments are required.

We appreciate the courtesies extended to the audit staff. Questions on the audit should be directed to Mr. Wayne K. Million, Audit Program Director, at (703) 604-9312 (DSN 664-9312) or Mr. Nicholas E. Como, Audit Project Manager, at (703) 604-9303 (DSN 664-9303). If management requests, we will provide a formal briefing on the audit. See Appendix E for the report distribution. The audit team members are listed inside the back cover.

*David K. Steensma*

David K. Steensma  
Deputy Assistant Inspector General  
for Auditing

Office of the Inspector General, DoD

Report No. 95-277  
(Project No. 5CG-5035)

July 7, 1995

Relocation of the Defense Information Systems Agency  
Western Hemisphere, Fort Ritchie, Maryland

Executive Summary

**Introduction.** The Deputy Assistant Secretary of Defense (Installations) requested this audit because of an allegation by the Army. The 1995 Commission on Defense Base Closure and Realignment had criticized the Army for its failure to include, in its data submission supporting the recommendation to close Fort Ritchie, Maryland, a cost to relocate the Defense Information Systems Agency Western Hemisphere from Fort Ritchie to another location. The Army contended in its allegation that it was unaware of any decision by the Office of the Secretary of Defense to proceed with the stationing of additional Defense Information Systems Agency Western Hemisphere personnel at Fort Ritchie.

**Audit Objectives.** The primary audit objective was to validate support for the expansion of the Defense Information Systems Agency Western Hemisphere at Fort Ritchie. A second objective was to evaluate the adequacy of the management control program as it applied to the primary audit objective.

The Defense Information Systems Agency Western Hemisphere confirmed that no expansion was planned. Therefore, we focused on determining whether support for the number of authorized personnel for the Defense Information Systems Agency Western Hemisphere was valid. We also evaluated the management control program related to the validation of that support.

**Audit Results.** The Army did not have valid data on the Defense Information Systems Agency Western Hemisphere to use in its evaluation of Fort Ritchie. Consequently, the Army did not include the cost of relocating the Defense Information Systems Agency Western Hemisphere from Fort Ritchie with its data submission supporting the 1995 Defense base realignment and closure recommendation.

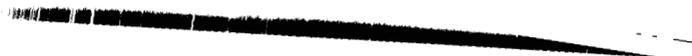
Although monetary benefits could be realized by implementing the recommendations, the amount of those benefits was undeterminable. See Part I for a discussion of the audit results and Appendix C for a summary of the potential benefits resulting from the audit.

The management control program could be improved because we identified a material weakness. The Army did not validate the number of authorized personnel for the Defense Information Systems Agency Western Hemisphere. See Appendix A for a discussion of the review of the management control program as it applies to the audit objectives and Part I for details of the management control weakness identified.

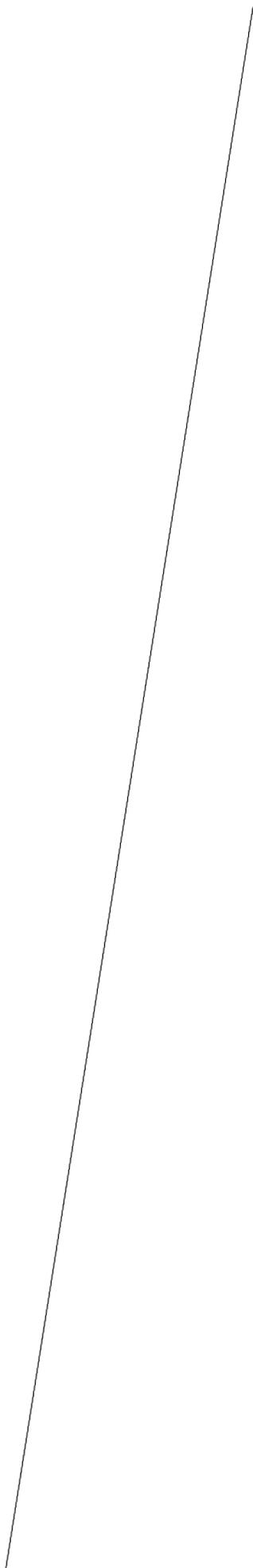
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## **Part I - Introduction**



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## **Estimating Personnel Requirements for the Relocation of the Defense Information Systems Agency Western Hemisphere**

The Army did not have valid data on the number of personnel authorized for the Defense Information Systems Agency Western Hemisphere for use in the Army's 1995 BRAC evaluation of Fort Ritchie. The Army did not have valid data because the Defense Information Systems Agency Western Hemisphere did not provide to the Army personnel data that were valid or authorized. In addition, the Army did not attempt to obtain valid data or validate personnel data that it received. As a result, the Army did not include the cost of relocating DISA-WESTHEM from Fort Ritchie in its plans for closing Fort Ritchie.

### **Criteria for the Establishment of DISA-WESTHEM**

**History of DISA-WESTHEM.** On October 3, 1993, the Army 7th Signal Command discontinued its operations. Some of its missions were transferred to the Defense Information Services Organization, a command of the Defense Information Systems Agency (DISA). The Defense Information Services Organization, located at Fort Ritchie, had an authorized level of 209 personnel on October 3, 1993. On October 14, 1994, DISA renamed the Defense Information Services Organization as DISA-WESTHEM. The new organization provides regional and global operations and maintenance of the Defense Information Infrastructure that includes data communications, circuit and computer network management, data processing, and voice and data networks. Appendix B is a chronology of events related to the establishment and expansion of DISA-WESTHEM at Fort Ritchie.

**Army Reporting for DISA-WESTHEM.** Army Regulation 5-18, "Army Stationing and Installation Plan Guide," October 29, 1993, requires that Army installations, such as Fort Ritchie, report to the appropriate major command the number of authorized personnel of their tenant activities for input into the Army Stationing and Installation Plan (ASIP). The ASIP reflects the authorized planning population of all units, activities, and other tenants at active Army and Reserve Component installations for the current fiscal year and the next 6 years. Authorized personnel information for the tenant activities is submitted by the major command to the Department of the Army. The Army is responsible for validating and maintaining authorized personnel information relating to the tenant activities.

**BRAC Criteria for Estimating Personnel.** The Deputy Secretary of Defense memorandum, "1995 Base Realignment and Closure," January 7, 1994, provides policies, procedures, authorities, and responsibilities for selecting bases for realignment and closure under Public Law 101-510, "Defense Base Closure and Realignment Act of 1990." The memorandum requires that

## Estimating Requirements for the Relocation of the Defense Information Systems Agency Western Hemisphere

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**Validating DISA-WESTHEM Authorized Personnel.** Army Regulation 5-18 requires the Army to be responsible for validating and maintaining the authorized personnel of tenant activities located on Army installations. The Army did not validate the authorized personnel for DISA-WESTHEM. The Army contended that DISA-WESTHEM did not provide the Army with any of the JTDs for validation. We found no evidence that DISA-WESTHEM provided the Army with an approved JTD for validation nor any evidence that the Army attempted to obtain documents containing DISA-WESTHEM authorized personnel for validation. Therefore, the Army could not confirm DISA-WESTHEM authorized personnel that should be used to update the ASIP.

**BRAC Procedures.** On February 28, 1995, the Secretary of Defense recommended to the 1995 Commission that Fort Ritchie be closed. The Army was criticized for its failure to include a cost to relocate DISA-WESTHEM from Fort Ritchie to another site. As required by Public Law 101-510, data supporting a BRAC recommendation must be certified by the DoD Component as accurate to the best of the DoD Component's knowledge and belief. Because DISA-WESTHEM did not provide to the Army, and the Army did not obtain, support for the authorized personnel of DISA-WESTHEM, the Army did not include the cost of relocating DISA-WESTHEM.

### Summary

Section 2905 of Public Law 101-510 stipulates that funds authorized for BRAC should be used to construct replacement facilities necessary to meet mission requirements. The authorized personnel of DISA-WESTHEM ranged from 209 to 263 personnel between October 3, 1993, and March 29, 1995. To obtain an accurate estimate of funding for the relocation of DISA-WESTHEM, the Army and DISA-WESTHEM should validate the authorized personnel of DISA-WESTHEM at the time the decision was rendered to close Fort Ritchie.

### Recommendations, Management Comments and Audit Response

**Redirected Recommendation.** As a result of management comments, we redirected Recommendation 2. to the Assistant Chief of Staff for Installation Management.

1. We recommend that the Director, Defense Information Systems Agency Western Hemisphere, provide the Army the official Joint Table of Distribution to support the authorized personnel of the Defense Information Systems Agency Western Hemisphere at the time the recommendation was made to close Fort Ritchie.

## **Part II - Additional Information**

## Appendix A. Scope and Methodology

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October 29, 1993. Recommendation 2., if implemented, will correct this management control weakness. A copy of the report will be provided to the senior official responsible for management controls in the Department of the Army.

### **Prior Audits and Other Reviews**

No audits or other reviews have been made regarding the relocation of DISA-WESTHEM from Fort Ritchie to another location.

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## Appendix C. Summary of Potential Benefits Resulting From Audit

Recommendation Reference	Description of Benefit	Amount and/or Type of Benefit
1.	Economy and Efficiency. Provides the Army with the JTD to support the authorized personnel of DISA-WESTHEM.	Undeterminable*
2.	Management Controls. Validates the authorized personnel for DISA-WESTHEM and updates the ASIP.	Undeterminable*
3.	Economy and Efficiency. Computes the cost to relocate DISA-WESTHEM from Fort Ritchie based on validated personnel data.	Undeterminable*

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\*Exact amount of potential monetary benefits cannot be determined until future BRAC actions or decisions occur.

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## **Appendix E. Report Distribution**

### **Office of the Secretary of Defense**

Under Secretary of Defense (Comptroller)  
Deputy Chief Financial Officer  
Deputy Comptroller (Program/Budget)  
Under Secretary of Defense for Personnel and Readiness  
Assistant Secretary of Defense (Economic Security)  
Deputy Assistant Secretary of Defense (Installations)  
Assistant to the Secretary of Defense (Public Affairs)  
Director, Defense Logistics Studies Information Exchange

### **Department of the Army**

Assistant Secretary of the Army (Financial Management)  
Commander, Military District of Washington  
Commander, Fort Ritchie  
Director, The Army Basing Study  
Assistant Chief of Staff for Installation Management  
Auditor General, Department of the Army

### **Department of the Navy**

Assistant Secretary of the Navy (Financial Management and Comptroller)  
Auditor General, Department of the Navy

### **Department of the Air Force**

Assistant Secretary of the Air Force (Financial Management and Comptroller)  
Auditor General, Department of the Air Force

### **Other Defense Organizations**

Director, Defense Contract Audit Agency  
Director, Defense Information Systems Agency  
Director, Defense Information Systems Agency Western Hemisphere  
Director, Defense Logistics Agency  
Director, National Security Agency  
Inspector General, National Security Agency

## **Part III - Management Comments**

# Department of the Army Comments

Final Report  
Reference



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON, DC 20310-0200



DACS-TAB

15 June 95

MEMORANDUM ~~THRU ASSISTANT SECRETARY OF THE ARMY (H&E)~~ *P.J. 127 JUN 1995*

FOR INSPECTOR GENERAL, DEPARTMENT OF DEFENSE

SUBJECT: Audit Report on Relocation of Defense Information Systems Agency, Western Hemisphere, Fort Ritchie, Maryland (Project # SCG-5035)

1. Reference Draft audit report, subject: same as above, 24 May 1995.
2. The Department of the Army concurs with the findings presented in the referenced audit IAW DoD directive 7650.3. However, we do not agree with the recommendations as stated. The following comments are presented:
  - a. The Army has included the stated strength figure in its cost analysis and has submitted those figures to the Defense Base Closure and Realignment Commission on 31 May 1995.
  - b. The Army agrees with the validation requirement as stated in AR 5-18 and indicated in the DoD IG draft report; however, IAW DA Pam 5-18, 29 Oct 93, the overall responsible activity for validation of other than Army activities is the Assistant Chief of Staff for Installation Management. However, the installation and MACOM have a responsibility to try and validate personnel strength numbers before it gets to HQDA. Enclosed is the Military District of Washington' response to the DoD IG draft report.
3. This action was coordinated with ACSIM.
4. Point of contact for this issue is LTC (P) Powell, (703) 697-1765.

Encl

*Michael G. Jones*  
for MICHAEL G. JONES  
COL, GS  
Director, The Army Basing Study

Recommendation  
redirected.

Enclosure  
not included

## **Audit Team Members**

**This report was prepared by the Contract Management Directorate, Office of the Assistant Inspector General for Auditing, DoD.**

**Paul J. Granetto  
Wayne K. Million  
Nicholas E. Como  
Gopal K. Jain  
Sheryl L. Martz  
Richard J. Kutchey**



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF STAFF  
200 ARMY PENTAGON  
WASHINGTON DC 20310-0200



June 20, 1995

Please refer to this number  
when responding 950616-18R1

Defense Base Closure and  
Realignment Commission  
1700 North Moore Street  
Suite 1425  
ATTN: Mr. Brown  
Arlington, Virginia 22209

Dear Mr. Brown,

As requested in your June 16, 1995 letter (950616-18), the Army is pleased to provide the attached answers to your questions. Hopefully, these answers will clarify the Commission's issues prior to their deliberation.

Thank you for your cooperation.

Sincerely,

John Nerger  
Director  
The Army Basing Study

## ISSUES ON FORT RITCHIE

## A. ISSUES:

1. Jointness/Interservicing: Jointness is the very core of a DoD agency like DISA. From a BRAC 95 interservicing view point, communications was not one of the functional areas to be considered by a Joint Cross-Service Group.
  2. & 6. Customer proximity: The location of the ISC elements was based on best business practices, maximum use of communication technology, and the requirement to downsizing ISC due to funding shortfalls. All of these reasons have contributed to this move. Additionally, elements of the USAISEC will be remaining on the east coast.
  3. DISA-WESTHEM base operations support: Defense agencies are responsible for reimbursing the host Service for base operations cost; therefor, any offsetting cost for base operations will be nullified by the reimbursement charge for that service.
  4. & 5. Communication linkages: Site "R" communications are designed to have redundant capabilities and do not rely on a single communication linkage.
  7. National Guard Armory: The land on which the armory sets is licensed to the state and the armory is totally self-sustained with the exception of water. The water is acquired through Ft Ritchie. The Armory would have to acquire the water from the new operator of the water system. This cost is the responsibility of the State now as it would be in the future.
  8. HQ, DISA-WESTHEM consolidation: If DISA wanted to consolidate its operations at Ft Ritchie, then it could have submitted a BRAC recommendation to do so just like all other Defense Departments or agencies.
  9. Environmental issues at Ft Huachuca, AZ: Addressed in earlier letters.
  10. Contractor lease space costs: BRAC does not recognize cost to contractors as a cost to the government. Contracts can be terminated using existing termination clauses and establish new contracts at a new location if the old contractor does not want to absorb the cost to relocate. The Army does not build infrastructure for contractors.
  11. National Historic costs: Currently the buildings and land are not listed as National Historic holdings. It is impossible for the Army to determine when or if it will be listed or how long the Army would have to maintain such property before disposal.
- B. Faulty DoD/Army Data: The Army has changed its data on Ft Ritchie as a result of AAA, GAO and DoD IG audits in support of clarification requests submitted by the Army.

1. **Timing of projected savings:** The elimination of base operation personnel is offset by increase in personnel at Ft Detrick in base operations. The exact timing phasing of services will be determined during implementation.
2. **BOS/RPMA savings:** Information on this issue will be submitted later after it can be fully researched.
3. **Construction Costs:** Construction cost factors are determined by the Corps of Engineers and have been verified as correct.
4. **Civilian personnel pay and relocation costs:** The distanced used to determine relocation costs is 50 miles not 10. This was audited by AAA and determined to be adequate for BRAC use.
5. **Family housing savings:** The capital investment expenditure of family housing is a sunk cost to BRAC and would not be considered.
6. **Family housing cost at Ft Detrick:** The Army's installation management office (ACSIM) determines the number of housing units to be built in accordance with the population distribution of the scenario. The relative close proximity of Ft Detrick to Ft Ritchie resulted in a reduction in family housing. See ACSIM input sheet.
7. **Ft Ritchie caretakers:** Caretakers are only entered into a scenario as a result of keeping infrastructure beyond closure. Ft Ritchie is a closure scenario and does not require caretakers. Additionally, the Army does not know how long it will take to transition property after closure.

**C. Other Issues:**

1. **Impact on Site "R":** The Chairman, Joint Chiefs of Staff has addressed this issue.
2. **DISA-WESTHEM construction:** The construction cost indicated is for the brick and mortar only. There is another \$3.8 M included to support the management center plus COBRA includes cost to move normal equipment.
3. **Enclaving DISA-WESTHEM:** The location of DISA-WESTHEM is being currently being considered by DoD. The ultimate location will be determined during implementation and the resulting cost will be less than the current scenario.

DTG [24] [1030] [MAY 95]

BRAC 98  
STATIONING PROFILE - PERMANENT ASSETS REPORT  
FACILITY CONSTRUCTION REQUIREMENTS

✓ OPTION # 2  
DETROK MILCON  
ALTERNATIVE NO. [C11] - [2T2]

SENT BY:

6-20-95 : 7:37 : US ARMY MAN COLLECTION

FACILITY CAT. GROUP		BEFORE STATION PERM ASSETS (000)	BEFORE STATION ALLOW (000)	BEFORE STATION PERM ASSETS -ALLOW (000)	STN ALLOW (000)	CONSTRUCT (000)	JUSTIFICATION FOR CHANGE IN STATIONING PROFILE (IF APPROPRIATE)*
4A200 WHSE	RENO						
	NEW					11 KSF	
0050 ADMIN	RENO						
	NEW					27 KSF	
710F AFH	RENO						
	NEW					57 FA	
7210S UEPH	RENO					10 SP	RENOVATE 10 SPACES & NEW 282 SPACES
	NEW					282 SP	
	RENO						
	NEW						
	RENO						
	NEW						

CLOSE FT PITCHE - OPTION 2! SITE R PN HOUSED OFF POSTE PITCHE  
& BARRACKS PN HOUSED & DETROK.



**DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**  
1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

June 16, 1995

Colonel Michael G. Jones  
Director, The Army Basing Study  
200 Army Pentagon  
Washington, D.C. 20310-0200

Please refer to this number  
when responding 950616-18

Dear Colonel Jones:

The Fort Ritchie, Maryland, Military Affairs Committee provided the attached information to the Commission on June 16, 1995. Request your review and comments on the community's concerns. Please provide the Commission your response NLT June 20, 1995.

If you need any clarification of the data, please contact Rick Brown, Army Team Analyst, at 696-0504, ext 197.

I appreciate your assistance and cooperation. I apologize for the short suspense, but believe you understand the accelerated time constraints under which the staff is working.

Sincerely,

A handwritten signature in cursive script, appearing to read "Edward A. Brown III".

Edward A. Brown III  
Army Team Leader

Attachment: Fort Ritchie Military Affairs Committee Letter, June 15, 1995  
with Point Paper

Fort Ritchie Military Affairs Committee  
Professional Arts Building  
Suite 601, Five Public Square  
Hagerstown, MD 21740  
June 15, 1995

Defense Base Closure and  
Realignment Commission  
1700 North Moore Street  
Suite 1425  
ATTN.: Mr. Ed Brown  
Arlington, VA 22209

Dear Mr. Brown:

The Fort Ritchie Military Affairs Committee (FORMAC) welcomes the opportunity to provide you with information deemed essential to permit the Base Closure and Realignment Commission (BRAC) staff to prepare for testimony before the BRAC Commissioners with regard to the DOD proposed closure of Fort Ritchie, Maryland.

FORMAC agrees philosophically with the BRAC process; however, we are totally committed to the precept of full, accurate and open disclosure and evaluation of all of the relevant factors necessary to ensure that the final decision is in the best long-term interest of the Department of Defense and the citizenry of the United States. With that in mind, I would invite your careful review and consideration of the information presented in the attached point paper.

I am convinced that, after weighing all of the factors, you will come to the same conclusion as I; the DOD/Army recommendation to close Fort Ritchie is based on faulty and incomplete analysis. It represents a short-sighted assessment of the true current and future potential military value of that installation, and the only logical decision is to retain Fort Ritchie as a key national defense asset.

Thank you for the courtesies that the BRAC staff has shown to the members of FORMAC.

Sincerely,

  
Herbert N. Meininger  
Coordinator, FORMAC

## POINT PAPER

### 1. INTRODUCTION:

This point paper addresses a number of issues deemed critical to the Defense Base Closure and Realignment Commission (BRAC) in its deliberations relative to the DoD recommendation to close Fort Ritchie, MD. The Fort Ritchie Military Affairs Committee (FORMAC), a community-based group reviewing the Fort Ritchie issue, has judiciously reviewed all of the DoD/Army input to the BRAC to ensure compliance with the spirit and intent of the BRAC process. The FORMAC review has resulted in the irrefutable determination that the DoD/Army analysis is replete with faulty assumptions, repeated errors, inadvertent or purposeful omissions, and distortions of facts. FORMAC has, in an effort to introduce complete and accurate information into the decision process, shared a myriad of facts and figures with representatives of the BRAC and the Army. Senior members of the Army Basing Study staff attended formal FORMAC briefings on 24 March 1995 at Fort Ritchie, MD, and 31 March 1995 at Fort McNair, DC. Those briefings addressed substantive DoD/Army BRAC "final selection criteria" deficiencies in each of the major areas of military value, return on investment and impacts. We believe, but cannot verify, that DoD/BRAC representatives also attended the FORMAC presentation to the BRAC Commissioners on 4 May 1995 in Baltimore. A thorough review of the Army's revised interim and final analyses, dated 28 April 1995 and 31 May 1995, respectively, reveals continued, major omissions and errors. In fact, the Army has failed to either adequately analyze or even mention over 80% of the issues raised by FORMAC and/or

of overstated/understated military value issues and totally ignores bona fide economic and environmental impacts. The DISCUSSION section of this document addresses these issues.

## II. DISCUSSION:

The following discusses specific "impact" areas in three categories: (A) Issues Not Addressed by DoD/Army; (B) Faulty DOD/Army Data and (C) Other Significant Issues in Dispute.

### A. Issues Not Addressed by DoD/Army.

1. Jointness/Interservicing. The Defense Information Systems Agency-Western Hemisphere (DISA-WESTHEM) currently operates a Regional Control Center (RCC) at Fort Ritchie. It provides information technology (data processing and communications) management for nine major global systems/networks supporting all segments of the DoD. Those systems/networks were identified in previous FORMAC briefings. A detailed explanation of those systems/networks is provided in TAB B of the FORMAC 4 May 1995 briefing packet. The Fort Ritchie RCC is scheduled to assimilate at least four additional DoD-wide systems/networks into its mission within the next year. TAB B of the FORMAC 4 May 1995 briefing packet also provides a description of those new systems/networks. The Fort Ritchie RCC has been constructed in such a manner that permits management of additional DoD systems/networks without additional construction. This facility is state-of-the-art and should be utilized to its maximum potential.

2. Customer proximity. As graphically illustrated during the FORMAC 4 May 1995 briefing in Baltimore, the vast majority of the Fort Ritchie tenant organizations' customer base is east of the Mississippi River. The DoD/Army proposal to relocate the Technology Applications Office (TAO) and the U.S. Army Information Systems Engineering Command-CONUS (USAISEC-C) offices to Fort Huachuca, Arizona, results in increased operating costs, substantial one-time military construction and relocation costs, and reduced customer responsiveness. FORMAC calculations reveal TDY costs alone will increase by \$748,000 per year for TAO and \$222,000 per year for USAISEC-C. It's important to note that the customers usually will wind up paying this increased cost. The DoD/Army have offered no rationale to support their recommendation to relocate these units to Fort Huachuca, either in terms of customer benefit or cost-effectiveness. The DoD/Army has not yet offered a definitive location proposal for the Defense Information Systems Agency-Western Hemisphere (DISA-WESTHEM). If, as reflected in the 31 May 1995 Army proposal to the BRAC, DISA-WESTHEM were to relocate to Site-X there is no stated benefit either operationally or financially provided by DoD/Army.

3. DISA-WESTHEM base operations support. Headquarters, DISA-WESTHEM currently receives base operations support from Fort Ritchie. Regardless of the ultimate relocation site selected for DISA-WESTHEM, equivalent base operations support must be costed and added as an additional recurring cost. These costs have not been addressed. When they are they will neutralize the credit taken for

*3 mi / hr  
Don't argue*



sts. The fiber-optic link between Site R and Fort Ritchie is a 2-strand cable. Five of those strands are dropped off at the Fort Ritchie dial central office for further distribution throughout Fort Ritchie. The other seven strands are extended to Site C in order to provide linkage between Sites R and C. This permits Site C to provide the necessary operational communications connectivity support to Site R. The seven strands running from Fort Ritchie to Site C traverse the Fort Ritchie manhole and duct system. Retention of access rights to that manhole and duct system would be essential in order to ensure continued dedicated communications connectivity between Sites R and C. DoD/Army have failed to address how this access would be retained in the event that Fort Ritchie closed. Nor have they costed out an alternative connectivity route between Sites R and C. Additionally, some of the equipment necessary to permit extension of the fiber-optic link from Fort Ritchie to Site C is physically located on Fort Ritchie. DoD/Army have made no accommodations for the retention and accessibility to that equipment in order to maintain communications continuity between Sites R and C. Elimination of this linkage would cripple Site R's ability to perform its critical mission.

*No comment  
The manhole  
is not  
owned by  
Army*

6. Added TDY costs. The DoD/Army propose to relocate the entire Technology Applications Office (TAO) and the majority of the US Army Information Systems Engineering Command-CONUS (USAISEC-C) from Fort Ritchie to Fort Huachuca, AZ. A minimum of 75% of the customers served by TAO and USAISEC-C are located east of the

*Dayhart*



st-effectiveness of consolidating those headquarters staff elements at Fort Ritchie and found that, in the case of northern Virginia, such a relocation is not cost effective. On the other hand, the relocation of the Denver staff to Fort Ritchie can be accomplished for a one-time investment cost of \$2,300,000 with a three-year payback. The net present value of this move over 20 years is approximately \$9 million. Additionally, a huge intangible benefit would be realized by such a move through improved organizational effectiveness. The FORMAC has raised this issue with DoD/Army BRAC representatives, to no avail. This is an opportunity that should not be overlooked.

9. Environmental issues at Fort Huachuca, Arizona. The DoD/Army stated position is that there are "no known environmental impediments at the closing or receiving installations". This is blatantly false. The FORMAC has advised the Army on several occasions of the ongoing controversy over the San Pedro Basin Aquifer in the greater Fort Huachuca, AZ area. There is a legitimate concern over the uncertainty of the future San Pedro water supply. Numerous documents, to include copies of outstanding lawsuits, have been provided to the DoD/Army for their consideration. TAB F of the FORMAC 4 May 1995 briefing packet contains 16 separate documents on this issue. These documents include letters to the editor from the mayor of Sierra Vista, AZ, acknowledging the existence of a water problem with the San Pedro River, assessments of the fragile nature of the San Pedro River

*FORMAC  
10/1/95*

Basin by environmental engineering companies and copies of outstanding lawsuits. It is FORMAC's understanding that ANOTHER, MORE FAR-REACHING, LAWSUIT will be filed by a group of concerned citizens within the next few weeks. These lawsuits could result in a court-ordered restraint against the movement of any additional permanent DoD personnel to Fort Huachuca which could delay the DoD/Army plans for years.

10. Contractor lease space costs. There are approximately 150 contractor personnel presently at Fort Ritchie providing support to organizations such as USAISEC-CONUS and DISA-WESTHEM. These contractor personnel utilize available government office space. This arrangement results in an overall reduced cost of the respective contracts. If Fort Ritchie were to close these contractor personnel would be expected to relocate to the new location of the various organizations. If that forced relocation were to transpire the contractors would have a basis for demanding that the Government enter into contract re-negotiations so as to recoup additional personnel work-space costs. The other option would be to include the required contractor space requirements into any military construction contemplated for the displaced Government organizations. Either way, the Government pays.

*Contract cost to  
not included  
in the  
same.*

An illustration of the difficulty experienced by FORMAC in defining this issue would be the relocation of DISA-WESTHEM. The DoD/Army analysis assumes the need for 52.6K square feet of space to support DISA-WESTHEM. We have learned that the US Army Corps of Engineers has asked for an independent government cost estimate

(IGCE) based on 83K square feet for DISA-WESTHEM. This higher square footage requirement can be partially based on the premise that contractor space requirements would be included in the DoD military construction program.

FORMAC estimates the contractor lease space issue would increase existing contracts by approximately \$453,000 per year. This is based upon 151 contractor personnel at \$5K per person. The DoD/Army analysis does not take into consideration this increased cost, whether leased space or military construction is chosen.

11. Preservation of National Historic Register site costs. Fort Ritchie has submitted 104 buildings and 20 acres of open space for consideration for inclusion in the National Register of Historic Places. That application is presently being evaluated by the Maryland Historical Trust of the Maryland State Historic Preservation Office. It will then be submitted to the U.S. Department of the Interior for final approval. It is anticipated that this request will be approved. There will be an incremental increase in cost of \$500,000 to preserve the buildings and open space to the standards set by the National Historic Register. This cost would have to be borne by the DoD, at least until the disposal of Fort Ritchie was completed. This cost is over and above the anticipated expense of maintaining these buildings and open space in a "care-taker" status, should Fort Ritchie close.

B. Faulty DoD/Army Data. The DoD/Army continues to use faulty data in their analysis, despite the fact that FORMAC has

clearly pointed out to them the basis for their mistakes. Moreover, it seems that DoD/Army rationale in some areas is continually changing; thus, making analysis of the data difficult because we are focusing at a constantly moving target. The following items illustrate those areas in which DoD/Army data is still faulty:

1. Timing of projected savings. The 31 May 1995 DoD/Army analysis uses a fallacious assumption as to when personnel savings can be claimed. The DoD/Army data entry into the COBRA model is erroneous in that personnel savings are being taken wholly at the beginning of the "closure" period. This means that all of the Fort Ritchie garrison support personnel would be eliminated before the majority of the tenant organization personnel had left Fort Ritchie. This error results in a 2-year gain in RPMA and BOS savings, which in turn substantially increases the 20-year net present value. FORMAC acknowledges the fact that there would be some opportunity to reduce the Fort Ritchie garrison staffing level over time, beginning in FY97; but, the entire garrison workforce cannot be eliminated before at least FY99.

2. BOS/RPMA savings. The DoD/Army BOS/RPMA savings remains too high and not in agreement with the results of the recent Army Audit Agency audit conducted at Fort Ritchie. The actual BOS/RPMA number should be \$19,401,000 rather than \$20,808,000, which overstates the DoD/Army projected savings by \$1,407,000. This error translates into a 20-year overstatement of savings of approximately \$28,140,000 constant dollars and between \$9-10 million in net present value.

*Revised 17/08/99*

*AAA Audit  
2-10-99*

*AMB* 3. Fort Detrick military construction factor. The military construction cost factor used by the DoD/Army in their 31 May 1995 COBRA analysis remains wrong. This error persists in spite of the fact that FORMAC has advised the DoD/Army that the correct military construction rate factor for Fort Detrick is .92 versus the .83 that they continue to use. This skews the true cost of military construction costs at Fort Detrick by nearly 10%, the actual dollar value being dependent upon the number of units constructed.

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4. Civilian personnel pay and relocation costs. FORMAC estimates that the 31 May 1995 DoD/Army COBRA model in this area is between \$4-5 million understated. Although we cannot identify exactly which organizations are involved, the DoD/Army aggregate personnel data input inexplicably neglected to account for over 100 personnel. Also, the assumption used for the cost of the PCS relocation to Fort Detrick is incorrect. Approximately 70% of the re-assigned personnel would incur increased commuting distances of more than 10 miles and would, therefore, become eligible for consideration of PCS costs.

*50 miles*

5. Family housing savings at Fort Ritchie. The majority of deficiencies in this area previously identified by FORMAC have been corrected. However, the 31 May 1995 DoD/Army COBRA analysis introduces a NEW, FALLACIOUS claim of savings. In FY93 there was a \$2 million one-time family housing capital investment expenditure for Fort Ritchie family housing. The DoD/Army analysis has now included that one-time expenditure in the COBRA as a recurring

*Just FY 93*

total savings by approximately \$40 million constant dollars and a net present value of approximately \$12 million.

6. Family housing costs at Fort Detrick. The DoD/Army has, in their latest COBRA submission, taken a different tack in addressing the family housing needs for personnel relocating from Fort Ritchie to Fort Detrick. Records indicate current housing at Fort Detrick is not adequate for the present military population stationed there. Consequently, it cannot support the infusion of additional personnel. DoD/Army originally estimated a need for constructing 354 new units at Fort Detrick. The most recent submission reflects just 57 units. There is no explanation given to support this change in philosophy or precisely who these 57 units are designed to support. Apparently, the DoD/Army strategy is to pay military personnel a variable housing allowance (VHA) instead of constructing new housing units. On its face, this proposal is totally illogical. Frederick, MD, is a relatively high cost area and there are sufficient existing, well-maintained military family housing units at Fort Ritchie to support the vast majority of the affected military personnel. FORMAC does not know whether this new, VHA approach for Fort Detrick reflects DoD/Army policy applicable to all BRAC locations or if has been selectively and arbitrarily applied to the Fort Ritchie proposal simply in order to minimize up-front investment costs. Another key factor in this area is the nature of the DoD/Army response to the BRAC 18 May 1995 letter which requests a substantial amount of housing information relative to Fort Ritchie.

*1. not for  
used without  
authorization  
FORM 101-2*

7. Fort Ritchie caretakers. The DoD/Army COBRA model un does not comply with the BRAC model rules in this case. There is a recognized need for 20 caretakers if Fort Ritchie closes. Those caretakers need to be assigned to Fort Ritchie proper or identified as a separate continuing Fort Ritchie operating cost of \$708,750 (567,000 sq. ft. x \$1.25/sq. ft.) and included in the COBRA analysis. Assigning the caretaker force anywhere other than Fort Ritchie precludes the model from correctly computing the costs. This is another area that has been pointed out by FORMAC on several occasions and never addressed by DoD/Army.

C. Other Significant Issues in Dispute.

1. Fort Ritchie closure impact on the National Military Command Center, Site R. A careful review of the 17 April 1995 letter from General John M. Shalikashvili to BRAC Commission Chairman Dixon reveals that the Chairman of the Joint Chiefs of Staff has been ill-served by his staff. The letter is incomplete and inaccurate. The following facts are presented to corroborate this statement. Contrary to what the Chairman, JCS's letter implies the Halon fire suppression system at Site R covers only about 10% of the facility. It is located in what is considered the MOST critical space within Site R. The rest of the facility has no automatic fire suppression system. While there are generally two firefighters on duty within Site R around the clock, this is insufficient staffing to fight all but the most basic fires. The manning table for the Site R firefighters acknowledges the need for

manning table for the Site R firefighters acknowledges the need for nine people. There are only six people authorized. Augmentation is provided from Fort Ritchie. There are, in fact, two fire engines within Site R; however, the two on-site firefighters cannot adequately man two fire engines. Site R holds quarterly fire evacuation drills. During those drills the Fort Ritchie fire chief and other designated firefighting personnel are dispatched to Site R. Additionally, there is no ambulance located within Site R. The Fort Ritchie augmentees bring the ambulance and other specialized equipment with them, as needed.

Contrary to the statement in General Shalikashvili's 17 April 1995 letter that all time-sensitive, mission-essential capabilities are necessarily provided for on-site, a large percentage of the personnel predesignated for performance of duties at Site R during these periods come from Fort Ritchie proper. Relocation of Site R base operating support to Fort Detrick jeopardize the operational integrity of Site R. This is particularly true during periods of natural disasters and/or inclement weather.

An incident occurred in 1990 that required immediate support from Fort Ritchie to minimize damage and protect lives. There was a soot build-up in the Site R exhaust system. The resulting explosion blew the top off the vent house at the top of the mountain. The vent house was a large reinforced concrete structure. Fort Ritchie personnel were on site within minutes to direct the evacuation of people and preclude spread of further damage. This was a potentially life threatening situation.

Site R that illustrates the absolute need to have augmentees readily available. There was substantial water flooding on one of the floors within the Site R structure. This flooding was caused by a back-flush problem. Water poured down to lower floors. It threatened the highly sophisticated technical equipment located in the Joint Staff area of Site R. Augmentees were called from Fort Ritchie. They brought clean-up equipment with them which are organic to the Fort Ritchie fire department. Response to situations of this nature from Fort Detrick is impractical and unnecessarily puts the lives of people working in Site R at risk. The acceptable additional time of 45-60 minutes, as stated in General Shalikashvili's letter, would have been disastrous in these incidents. Furthermore, it must be clearly understood that inclement weather in the Maryland-Pennsylvania mountains could easily extend response times to two hours or more.

2. DISA-WESTHEM construction costs. The 31 May 1995 Army COBRA analysis reflects a \$5 million military construction cost at Site-X for DISA-WESTHEM. This one-time cost is understated by nearly \$7 million. This fact is supported by DA Form 1391 and supporting documentation for Administration Building, General Purpose Project 46308 at Fort George Meade, MD, prepared under the direction of Baltimore District, Corps of Engineers by Harland Bartholomew and Associates, Inc., Richmond, VA, June 1995. This documentation only partially addresses the construction cost of a replacement Regional Control Center (RCC) to replicate the one currently located at Fort Ritchie. The number of DISA-WESTHEM

*Subject to  
approval*

currently located at Fort Ritchie. The number of DISA-WESTHEM personnel that must be accommodated (263) has been validated by the DoD IG. Headquarters, DISA has identified its space requirements to the Total Army Basing Study (TABS) group. The Army's intention is to provide DISA-WESTHEM with funding for rehab of existing space only. This is an unrealistic assumption used to lower up-front cost estimates. Based on information available to FORMAC, rehab space would be unacceptable to DISA.

3. Enclaving DISA-WESTHEM at Fort Ritchie. The note at the bottom of the 31 May 1995 Army letter; "Ed---we are looking into an enclave option which, if feasible, will require an up-date of this COBRA," refers to enclaving DISA-WESTHEM at Fort Ritchie. Headquarters, DISA advised the Army (Military District of Washington) on 12 May 1995 of its desire to relocate Headquarters, DISA-WESTHEM to Fort Meade, MD if Fort Ritchie closes. This preferred disposition of Headquarters, DISA-WESTHEM was identified to the Army despite the fact that an internal DISA analysis clearly showed Fort Detrick, MD as a more cost-advantageous location should Fort Ritchie close. Due to the high relocation and military construction costs at Fort Meade, the Army tabled the proposition of enclaving DISA-WESTHEM at Fort Ritchie. This was done at a 25 May 1995 meeting between representatives of Headquarters, DISA; DISA-WESTHEM; Assistant Secretary of Defense for Economic Security; DoD BRAC; Army BRAC and TABS. In fact, the Army stated at that meeting that their preferred option was to enclave DISA-WESTHEM at Fort Ritchie. DISA sought assurances that they would have an

position of DISA-WESTHEM prior to submission to the BRAC Commission. If that proposal includes a recommendation to enclave DISA-WESTHEM at Fort Ritchie, DISA demanded a firm definition of "enclaving". FORMAC has learned that extensive effort has been expended by the Army in analyzing the economic advantages of this solution. FORMAC has been unable to ascertain the Army's final position in this area.

### III. CONCLUSIONS:

1. The DoD/Army has substantially deviated from BRAC final selection criteria 1, 2, 4, 5, 6, 7 and 8.

2. The DoD/Army has failed to adequately consider and address numerous issues and inquiries raised by FORMAC and the BRAC staff.

3. DoD/Army responses to BRAC staff inquiries have been incomplete and inaccurate.

4. DoD/Army failure to provide all pertinent source data utilized in their COBRA analysis to the BRAC staff materially inhibits the ability to validate their findings and support their recommendations to close Fort Ritchie.

5. Substantial evidence exists to demonstrate the fact that DoD/Army is providing information to the BRAC staff for one scenario while actually pursuing another.

### IV. RECOMMENDATIONS:

1. FORMAC strongly recommends that the BRAC staff advise the BRAC Commissioners of the inadequacies in the DoD/Army assessment of the military value of Fort Ritchie and the cost benefit of closing Fort Ritchie.

2. The BRAC staff recommend to the BRAC Commissioners during their testimony 22-28 June that the DoD/Army recommendation to close Fort Ritchie be denied. Further, that the BRAC Commissioners direct the DoD to consolidate the Headquarters, DISA-WESTHEM staff element located in Denver, CO, with the Fort Ritchie headquarters element.



ROSCOE G. BARTLETT

6TH DISTRICT, MARYLAND

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(301) 797-6043

50 BRADWAY  
FROSTBURG, MD 21732  
(301) 889-0034

# Facsimile Cover Sheet

**URGENT!!**  
==

To: Mr. Rick Brown (ARMY TEAM)

Company: BRAC Commission Staff

Phone: 703-696-0504 Fax: 703-696-0550

**HOT!!**  
==

Subject: FORMAC input re Fort Ritchie, MD

From: LONNIE J. KNICKMEIER

301-733-5803

717-762-4222 (Home)

Date: 6-19-95 Number of pages including cover 12

COMMENTS: Rick:

As promised last Friday (16 Jun), following is information relative to the caretaker issue and the DISA statements re their relocation costs.

(1) Caretaker:

Page marked "A" is input screen from the original (x Feb/Mar 95) COBRA. It shows zero caretaker data at Ritchie. It should show some number, e.g. 20 in FY 99 and the number of CIV SCENARIO CHANGE (-171) should be reduced by the same number.

- 2 -

They did NOT include the cost of caretakers from the beginning. "B" is the back-up data from the original COBRA. This spreadsheet provides the detail unit by unit breakdown of manpower impacts. This is not a COBRA model data screen; but rather back-up explanatory data. COBRA summarizes by installation, not by unit. All of the data in this spreadsheet tracks with the actual COBRA installation summaries except one

number -- the 20 caretakers listed on the bottom of page 2. This means TABS acknowledges, by their own data, a requirement of 20 caretakers BUT, failed to reduce the number of eliminations accordingly in the actual COBRA run. This has been pointed out to TABS people.

"C" is the input data screen from the MAY 95 COBRA run which shows caretakers are still not being counted.

"D" is an MDW tasking to develop net savings data assuming Ft. Ritchie closes as planned. Previous HQ DA guidance required the use of the COBRA cost estimates as a starting baseline, with any deviation in excess of 10% or \$500K would be stopped and approved by HQ DA. MDW knows the projected savings are way overstated so they are advising that the COBRA model estimates be ignored.

- 3 -

Rick, note para 2c of page "E". This is HQ DA guidance emphasizing the need to budget for the cartabars.

"F" is a letter to TABS from BF Essig, identifying the estimated MILCON at Fort Meade as \$24 million to support DSA-WH. This cost includes the Regional Control Center and all other construction. The DD Form 1391 and supporting documentation for Admin Building, General Purpose Project 46308, which I gave you on Friday addresses the \$11,741,000 cost for admin space only. Look at the last page.

Rick, the Army is telling you one thing and planning to do whatever they want.

They still aren't including everything. The costs are underestimated and savings are overestimated. They still haven't adequately addressed military value.

Call me if you have any questions.

Sonnie  
Kneibauer

JUN-19-1995 10:01

DATE REPORT (CUBRA VS 04) - Page 5  
Date As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department: ARMY  
Option Package : CALL-20  
Scenario File : C:\CUBRA\CALL-20.CBR  
Std Fcsts file : C:\CUBRA\877DEC.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT DETRICK, MD

	1994	1997	1998	1999	2000	2001
Off Force Struc Change	0	-3	0	0	0	0
Enl Force Struc Change	0	0	0	0	0	0
Civ Force Struc Change	0	-20	-17	-14	0	0
Stu Force Struc Change	0	0	0	0	0	0
Off Scenario Change	0	0	0	0	0	0
Enl Scenario Change	0	0	0	0	0	0
Civ Scenario Change	0	0	0	0	0	0
Off Change (No Sal Save)	0	0	0	0	0	0
Enl Change (No Sal Save)	0	0	0	0	0	0
Civ Change (No Sal Save)	0	0	0	0	0	0
Caretakers - Military	0	0	0	0	0	0
Caretakers - Civilian	0	0	0	0	0	0

Name: FORT RITCHIE, MD

	1994	1997	1998	1999	2000	2001
Off Force Struc Change	0	-4	-8	0	0	0
Enl Force Struc Change	0	-3	-4	0	0	0
Civ Force Struc Change	0	-14	-125	0	0	0
Stu Force Struc Change	0	0	0	0	0	0
Off Scenario Change	0	-1	-7	-14	0	0
Enl Scenario Change	0	-8	-93	-174	0	0
Civ Scenario Change	0	-8	-92	-172	0	0
Off Change (No Sal Save)	0	0	0	0	0	0
Enl Change (No Sal Save)	0	0	0	0	0	0
Civ Change (No Sal Save)	0	0	0	0	0	0
Caretakers - Military	0	0	0	0	0	0
Caretakers - Civilian	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FORT HUACHTICA, AZ

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
ACSIM 13 DEC 94				
GEN PURP WAREHOUSE	STORA	10,000	0	0
ACSIM 13 DEC				
GEN PURP ADMIN	ADMIN	0	14,000	0
ACSIM 13 DEC				
ACSIM 13 DEC				
ACSIM 13 DEC				

Name: FORT DETRICK, MD

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
ACSIM 13 DEC				
GEN PURP WAREHOUSE	STORA	10,000	0	0
ACSIM 13 DEC				
GEN PURP ADMIN	ADMIN	10,000	0	0
ACSIM 13 DEC				
FAMILY HOUSING	FAMLO	154	0	0
ACSIM 13 DEC				
UNACCOMP ENL HOUSING	BAOHO	202	0	0
ACSIM 13 DEC				
ACSIM 13 DEC				

UNIT 7C





(B)

PAGE 6

FAX:

ID:LANIERFAX3600

05-19 '95 11:04

P.05

CA11-1		BRAC 95		(2/1/94 18:33)		FY 97		FY 98		FY 99		A S I P						
CA11-18.XLS		FT RITCHIE																
T Y P E	YR	UNC	PARENT	DERIVATIVE	OFF	ENL	CIV	NAF	OTH	STU	TOT	OFF	ENL	CIV	OFF	ENL	CIV	P
					1	44	106				160							12
					6	14	86				86							14
					0	0	0		62		62							28
					0	31	2				33							10
					0	0	8				8							19
					0	1	0				1							8
					1	8	70				78							2
					0	1	10				11							5
					0	0	0				0							7
					0	0	0				0							8
					8	98	280	0	62	0	426	0	0	0	0	0	0	0
MOVE WORK & QUARTERS (MIL ONLY) TO FT DETRICK					18	231	228				473							1
					0	0	0		151		151							28
					0	0	0	131			131							30
					0	30	22				52							4
					0	0	0		47		47							27
					3	7	20				30							6
					3	8	2				11							7
					0	0	0		7		7							26
					22	274	270	131	206	0	902	0	0	1	0	0	0	0
BEING ELIMINATED					5	80	123				218							11
					0	0	0		38		38							28
					0	3	34				37							15
					0	0	0				0			0				20
					2	7	8				17							2
					0	1	1				2							6
					0	0	0				0							7
					0	0	0				0							8
					7	101	106	0	38	0	312	0	0	0	0	0	0	0
REALIGNED TO FT HLACHUCA					7	284	63				354							9
					4	35	3				42							23
					4	35	0		3		42							34
					7	23	0				30							3
					1	28	2				29							2
					9	6	6			0	21							37
					0	19	0				19							35
					0	13	0				13							40
					2	4	0				6							33
					1	5	0				6							38
					1	3	0				4							22
					2	2	0				4							37



JUN-19-1995 10:05

P.07

INPUT DATA REPORT (COBRA v5.00) - Page 6  
Data As Of 13/22 05/26/1995, Report Created 15:06 06/01/1995

Department : ARMY  
Option Package : CA11-21  
Scenario File : C:\COBRA\CA11-21.CBR  
Std Pctrs File : C:\COBRA\SP7DEC.SPF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SITS R, MD	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
ENV Non MilCon Reqrd(\$K):	0	0	0	0	0	0
Activ Mission Conc (\$K):	0	0	0	0	0	0
Activ Mission Save (\$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
Land (+Buy/-Sale) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Per Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KAF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT HUACHUCA, AZ	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	4	0	0	0	0
Enl Force Struc Change:	0	-1	0	0	0	0
Civ Force Struc Change:	0	14	4	0	0	0
Stu Force Struc Change:	0	-10	7	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: FORT DSTRICK, MD	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-3	0	0	0	0
Enl Force Struc Change:	0	-5	0	0	0	0
Civ Force Struc Change:	0	10	17	-14	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

(C)

# COBRA Sensitivity Analysis Ft Litchie, MD

ISA to Base X

1971-21

Case Base

1976  
1979  
01 (2 yrs)

NPV: 275,464  
1-Term: 69,909  
Ann Exp: 26,082

1) 2ml/min  
17-01  
at 17/78

96  
99  
2 yrs (01)

NPV: 264,016  
1-Term: 67,107  
Ann Exp: 19,260

2) 1/2 liter contract  
Termination  
1 Term - 1/2 liter  
77 - 6.88K

3) 1/2 liter  
over 2 yrs  
17/78

96  
99  
3 yrs (01)

NPV: 269,225  
1-Term: 69,713  
Ann: 17,251

96  
99  
3 yrs (02)  
NPV: 241,818  
1-Term: 65,571  
Ann: 25,082

4) 1/2 liter  
to 0.92

96  
99  
2 yrs (01)

NPV: 257,106  
1-Term: 73,226  
Ann: 24,482

5) Increased  
Ann Exp at  
17/78

96  
99  
3 yrs (02)

NPV: 247,351  
1-Term: 63,236  
Ann: 25,082

6) 120 ml

96  
99  
2 yrs (02)

NPV: 242,474  
1-Term: 58,236  
Ann: 25,082

JUN-19-1995 10:06

P.08

REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
WASHINGTON, DC 20319-5050



ANRO (5-10c)

## MEMORANDUM FOR

Commander, Fort Belvoir Military Community, Bldg 269, Fort  
Belvoir, VA 22060-5001  
Commander, Fort Meade Military Community, Bldg 4551, Fort George  
G. Meade, MD 20755-5000  
Commander, Fort Ritchie Military Community, Fort Ritchie,  
MD 21719-5010

SUBJECT: BRAC 95 Savings Data

1. This memorandum is to request you submit net savings data by dollars and civilian manpower spaces for your realignment package for BRAC 95. This data will be used to fill out schedule 20 of the Resource Management Update to be submitted to DA. I have enclosed the schedule 20-20A BRAC 95 Savings instructions. The instructions request these savings agree with the reported COBRA Model, however, the COBRA Model is inaccurate, therefore, you must reflect the best known data. Any deviations you have from the COBRA Model must be annotated and justified.
2. Request this information NLT 1200 hrs, Wednesday, June 21, 1995.
3. If you have any questions concerning this requirement please contact Rhonda Hanbury (202)475-2061/1823.

*Rhonda Hanbury*  
for CHARLOTTE RODRIGUEZ  
Chief,  
Realignment Office

"D"

TOTAL P.08

JUN-19-1995 10:24

P.02

**Subject: Schedule 20 Instructions****SCHEDULE 20 - 20A BRAC 95 SAVINGS**

xx Mar 95

1. General. Reference: DACS-DMB, HQDA Base Realignment and Closure (BRAC) Implementation Guidance - BRAC 95, dated 28 Mar 95, Annex I. BRAC planning commands will prepare Schedule 20 reflecting net savings, dollar and civilian manpower by realignment package for BRAC 95. These savings will agree with the savings reported on Attachment 2-1 annex of the above reference at realignment package level.

2. Preparation:

a. This schedule is due to HQDA with the FY97 RMU and will use the FY97-01 POM PBG as the baseline.

b. Savings and increased recurring costs for OMA, OMAR, OMNG, AFHO, RDTE, DBOF, NAF, and other services, if known, should be the only reported savings for this schedule.

c. Schedule 20 will display recurring costs and savings in both dollars, civilian workyears, and end strength by FY, APE, planning command and affected command. Caretaker costs will be budgeted in the applicable Army appropriation. The budgeting for caretaker costs must be taken into consideration when budgeting for savings.

d. If the gaining installation belongs to the same command as losing installation, then enter net savings as one entry.

e. Schedule 20A will display the customer source of DBOF recurring costs. The customer's appropriation and budget activity will be reported by realignment package. If known, the narrative section in Schedule 20A will display the other service's major command (e.g. 8th USAF), appropriation, ordering installation, unit or activity placing the order (e.g. AF laboratory). The identification of the other service's appropriation, major command, installation, and unit or activity placing the order with the BRAC DBOF activity will serve to validate with DoD the savings applicable to the other services. These savings represent the G&A portion chargeable to the other services orders. If other orders are not programmed with DBOF activities over the FY96-01 timeframe, use historical experience (at least the last three years) to determine the G&A portion chargeable to the other services.

3. Narrative Briefly describe how increased recurring costs or savings were derived (e.g. savings equal 30 manyears at \$40K per manyear. Any additional installations (using the Reserved Identifiers) should be listed in the narrative.

3. POC: Mr Glenn, SAFM-BUC-I, DSN227-5088, Room 3A674, Pentagon.

(E)



REPLY TO ATTENTION OF

DEPARTMENT OF THE ARMY  
HEADQUARTERS, FORT RITCHIE  
FORT RITCHIE, MARYLAND 21719-5010



22 MAY 1995

ANRT-CG

MEMORANDUM FOR Director, The Army Basing Study, Colonel  
Michael G. Jones, Department of the Army,  
Office of the Chief of Staff, 200 Army  
Pentagon, Washington, DC 20310-0200

SUBJECT: Review of Fort Ritchie Supplemental Data Call,  
March 1995, INFORMATION MEMORANDUM SER-XXX

Reference: Draft memorandum, SAAG-WER, subject as above, dated  
XX May 1995 (enclosed)

1. The above referenced Army Audit Agency review summary does not clearly validate or repudiate Fort Ritchie furnished data. This is intended to clarify those issues that are summarized too vaguely to be useful to The Army Basing Study. The following information is being provided for completeness and clarity.

a. DISA WESTHEM Issues

	<u>Civ</u>	<u>Mil</u>
Authorized Strength:	237	26 (Fort Ritchie proper)
On-Board Strength	177	28 (As of 5 Apr 95)
MILCON at Fort Meade:	57,500 ft <sup>2</sup> - Estimated cost \$24.0M*	

\* This is a new requirement and, therefore, is not in current Fort Meade HOPPLANS.

b. Site B Support Issues

	<u>Civ</u>	<u>Mil</u>
Direct Support:	80	132 (On-Site)
Indirect Support:	42	5 (FY 93 Labor Year Equivalents)
Dedicated Portion of Garrison Budget:	\$9.4M (FY 93 Actual)	
MILCON at Fort Detrick:	Family Housing and Single Enlisted Barracks for Military Police Company*	

\* This is a new requirement and, therefore, is not in current Fort Detrick HOPPLANS.

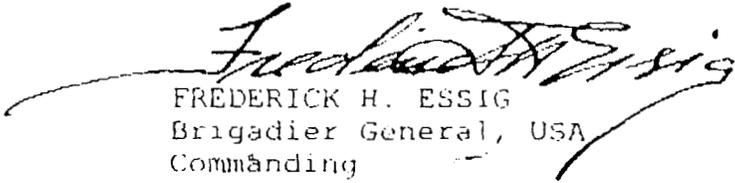
(F)

HQ, Fort Ritchie, ANRT-CG, Review of Fort Ritchie Supplemental Data Call, 28 March 1995, INFORMATION MEMORANDUM SER-XXX

c. There is no documentation from Department of Defense activating DISA WESTHEM since the action was a renaming of an existing (at Fort Ritchie) Department of Defense Organization.

2. Any additional required data or supporting documentation will be provided promptly. The point of contact for this information is Mr. William Eldridge, telephone DSN 277-4282/5597.

1 Enclosure a/s



FREDERICK H. ESSIG  
Brigadier General, USA  
Commanding

Copy to:  
SAAG-WER, Mr. Jim Conlon  
MDW-COL Otis



DEPARTMENT OF THE ARMY  
U.S. ARMY AUDIT AGENCY  
NORTHEASTERN REGION  
1027 ARCH STREET  
PHILADELPHIA, PENNSYLVANIA 19107-2317

SAAG-NER (36-5e)

15 June 1994

MEMORANDUM FOR Garrison Commander, Fort Ritchie, ATTN:  
ANRT-CD, Fort Ritchie, Maryland 21719-5010

SUBJECT: Review of the Army Basing Study - Phase I -  
Installation Assessment, Fort Ritchie--INFORMATION  
MEMORANDUM NR 94-709

1. **Introduction.** This is the report on our review of the installation assessment your command did for the 1995 Army Basing Study. The Director of Management requested the review. We will include data in this report in a summary report to higher levels of management.
2. **Objectives and Scope.** The overall objective of our review was to evaluate the accuracy of data used for assessing installation values. Our specific objectives were to evaluate the:
  - Accuracy of reported data.
  - Appropriateness of data sources and methods used to obtain data values.
  - Completeness of records maintained.

We made the review during May and June 1994. In most material respects, we made the review in accordance with generally accepted government auditing standards. And, accordingly, we tested internal controls to the extent necessary under the circumstances. We didn't follow certain aspects of the field work and reporting standards. In our opinion, however, we believe that not following those standards had no material effect on the results of our review.

To evaluate the accuracy of data used for assessing installation values, we:

- Reviewed DA guidance on installation assessments and compared it with the guidance and methods Fort Ritchie used to determine attribute values.
- Interviewed personnel from the Directorates of Resource Management, Public Works, Information Management, and Plans, Training and Mobilization who helped prepare, review and validate reported attribute data.

SAAG-NER

SUBJECT: Review of the Army Basing Study - Phase I -  
Installation Assessment, Fort Ritchie--INFORMATION  
MEMORANDUM NR 94-709

(c) **Infrastructure.** Fort Ritchie reported an incorrect value for one of four factors on this attribute. For the water factor, Fort Ritchie reported .552 million gallons a day. The Installation Master Plan, however, shows that Fort Ritchie's water capacity is .522 million gallons a day. Fort Ritchie personnel told us the variance was a topographical error.

(d) **Mobilization Capability.** Fort Ritchie reported incorrect values for two of six categories for this attribute. It reported 2,577 mobilization billets; our review identified 2,660 billets. Also, Fort Ritchie reported two indoor ranges with eight lanes. Our review showed that one of the two ranges, which was undergoing construction, will have five lanes. Therefore Fort Ritchie should have reported two indoor ranges with a total of nine lanes.

(e) **Reserve Training.** Fort Ritchie reported incorrect values for this attribute's two categories. It reported 65 Reserve Component personnel for annual training and 2,340 days for individual duty training (based on 65 soldiers training 2 days a month for 11 months and 2 weeks annual training). Our review showed that the National Guard unit training at Fort Ritchie had 61 soldiers--not 65--and wouldn't do annual training there. Thus Fort Ritchie shouldn't have reported any personnel in the annual training category. And the value it reported for individual duty training should have been 1,342 training days (61 soldiers multiplied by 22 days).

b. **Data Sources and Methods.** Personnel used appropriate sources and methods to determine data values for 13 of 14 attributes. For the Reserve training attribute, Army guidance states that installations should compute the average training days for FYs 91-93. Fort Ritchie personnel didn't have actual Reserve training records for that period, so they reported the number of training days programmed for FY 95.

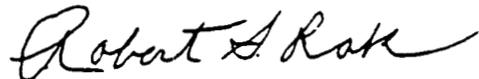
c. **Completeness of Records Maintained.** Fort Ritchie personnel generally maintained adequate supporting documents for the data values they reported, except for the Reserve Training attribute, as discussed previously. And, although documentation of past reserve component training was not available, the methodology/records used by Fort Ritchie to obtain an attribute value were reasonable and appropriate.

SAAG-NER

SUBJECT: Review of the Army Basing Study - Phase I -  
Installation Assessment, Fort Ritchie--INFORMATION  
MEMORANDUM NR 94-709

5. Discussion of Results. We discussed the results of our review with Mr. Charles Pearl, Director of Resource Management and Ms. Marty Shaffer, Budget Analyst on 3 June 1994. They agreed with our conclusions and said that action had been or would be taken to correct and resubmit the attribute values to the Military District of Washington. This report isn't subject to the official command-reply process.

6. Thank you for the courtesies and cooperation extended to us during the review.

  
for HENRY P. CULLERTON  
Regional Auditor General

Encl

CF:  
Basing Study Office  
Commander, U.S. Military District  
of Washington

## ANNEX

## DATA ATTRIBUTES REVIEWED

Data Attribute	Unit of Measure	Reported by Fort Ritchie	Verified by Army Audit Agency	Difference*
Accessibility	Miles			
Average Miles Fort Ritchie Garrison		56.5	56.5	0
Average Miles Garrison and Tenants		66	66	0
Average Age of Facilities	Average Age/ Square Foot	41.48	41.48	0
Barracks and Family Housing	Units	2,937	2,937	0
Buildable Acres	Acres	255	255	0
Environmental Carrying Capacity	Composite Index			
Archaeology and Historic Buildings		.49	.49	0
Endangered Species		0	0	0
Wetlands		.2	.2	0
Air Quality		150	150	0
Water Quality		30	45	(15)
Noise Quality		0	0	0
Contaminated Sites		0	0	0
Total Raw Score		180.7	195.7	(15)
Family Housing Cost a Dwelling Unit	Dollars	\$8,918.72	\$8,918.72	0
Information Mission Area	Various			
Telephone Switching		450	450	0
Outside Cable Plant		320	220	100
Common User Mainframe Support		335	405	(70)
Digital Switched Network/Defense Data Network Node		75	75	0
Post Wide Area/Local Area Network		45	75	(30)
Telecommunications Center		100	100	0
Video Teleconference		45	45	0
Total Score		1,370	1,370	0
Infrastructure				
Water	Million Gallons	.552	.522	.03
Sewage Treatment	Million Gallons	.5	.5	0
Electricity	Million Kilovolt Amps	5,000	5,000	0
Landfill	Dollars	65	65	0
Maintenance Facilities	Square Feet	55,396	55,396	0

\* These are explained in the body of the memorandum.

## ANNEX

Data Attribute	Unit of Measure	Reported by Fort Ritchie	Verified by Army Audit Agency	Difference*
Mobilization Capability	Various			0
Mobilization Billets		2,577	2,660	(83)
Deployment Network		0	0	0
Ranges		2/8 Lanes	2/9 Lanes	(1)
Net Maneuver Acres		0	0	0
Contiguous Maneuver Acres		0	0	0
Workspace		5	5	0
Operations/Administrative Facilities	Square Feet	594,902	594,902	0
Percent Permanent Facilities	Percent	87	87	0
Reserve Training				
Annual Training	Personnel	65	0	65
Individual Duty Training	Days	2,340	1,342	998
Supply and Storage Facilities	Square Feet	95,945	95,945	0

\* These are explained in the body of the memorandum.

\*\* TX CONFIRMATION REPORT \*\*

AS OF JUN 10 '95 8:01 PAGE.01

DBCRC R-A

	DATE	TIME	TO/FROM	MODE	MIN/SEC	PGS	STATUS
01	6/10	08:00	6939322	EC--S	00"32	01	OK

June 10, 1995

Colonel Michael G. Jones  
Director, The Army Basing Study  
200 Army Pentagon  
Washington, D.C. 20310-0200

Dear Colonel Jones:

The new National Guard Armory on Fort Ritchie, Maryland was not included in the initial data calls for property inventory. Consequently the facility was not considered in the development of the DoD recommendation, and no costs were associated with its continuation. Discussion between the Commission and your staff indicates the Armory is sited on Fort Ritchie property, and it is the Army's desire to enclave the facility if the Commission adopts the DoD recommendation to close Fort Ritchie, Maryland.

Request you identify any one-time and recurring costs associated with enclaving the National Guard Armory at Fort Ritchie, Maryland. Please provide the Commission with cost information by element of expense and category (one-time or recurring) by June 16, 1995.

If you need any clarification of the data, please contact Rick Brown, Army Team Analyst, at 696-0504, ext 197.

I appreciate your assistance and cooperation. I apologize for the short suspense, but believe you understand the accelerated time constraints under which the staff is working.

Sincerely,

ORIG SIGNED  
Edward A. Brown III  
Army Team Leader

## Brown, Rick

---

**From:** Brown, Rick  
**To:** Nurre, Deirdre  
**Subject:** RE: H2O at Huachuca  
**Date:** Friday, June 02, 1995 1:37PM

Thx. Info here is great. Unless something else comes up - No further work on your part.

-----  
> From: Nurre, Deirdre  
> To: Brown, Rick  
> Subject: H2O at Huachuca  
> Date: Friday, June 02, 1995 11:01AM  
>  
> A brief note just to remind you that I spoke with the Army  
> representatives regarding the water situation at Ft Huachuca.  
> I was referred by Joe Vallone (TABS) to Robin Mills of the Army  
> Environmental staff. (For future reference, Mills' phone # is  
> 696-8081.)  
>  
> The Army's position as reflected in their Environmental  
> Baseline Survey for Ft. Huachuca is that sufficient potable  
> water exists on base for the base to bring additional  
> personnel, and that "No other significant issues or constraints  
> are known."  
>  
> The Army sought to make its decisions based on certified  
> data received from the major commands whenever possible.  
> Certified data developed from the installation about available  
> water at Ft Huachuca indicated that sufficient potable water  
> existed. Current average daily use is 2.7 million gal/day.  
> Total pumping capacity is listed as 8.06 MGD. The Army  
> received correspondence from city officials which, in the  
> Army's opinion, reaffirmed the decision that adequate water  
> existed. Therefore, no 'other significant issues' were listed  
> in the Environmental Baseline Survey.  
>  
> The Army acknowledges that species concerns (animals and  
> plants) may raise issues which would need to be addressed in an  
> Environmental Impact Statement under NEPA (National  
> Environmental Policy Act). If the Army's expansion at Huachuca  
> were found to have too severe an impact in the EIS, EPA Region  
> 9 [note: my place of employment] might make a critical finding  
> on it. It would then be up to the Army to put enough water  
> conservation measures in place or make various concessions to  
> environmental concerns.  
>  
> However, the Army's EIS cannot be initiated until after  
> the BRAC-95 base closure & realignment decisions become law.  
> Therefore, we cannot know at this time what conclusions the EIS  
> would make about the water issues, so we can't really look to  
> the EIS process to help us make our closure & realignment  
> decisions.  
>  
> Would you like me to take additional steps here,  
> like(calling the environmental reps at Huachuca, or other  
> steps? Let me know.  
>

**FORT RITCHIE**

1. Average Housing Occupancy Rate: Average Units Occupied/Total Units: 334/341 = 98%
2. Housing Turnover Rate: Total Units/Average Move-in Per Year: 341/169 = 2.1 yrs
3. Deferred Maintenance (\$): FY 96\$ = \$598,253
4. Current Housing residents:

Grade	A/N/AF	TOTAL
O-7 +	1/0/0	1
O-6	1/0/0	1
O-5	5/0/0	5
O-4	4/0/0	4
O-3	8/0/0	8
O-2	1/0/0	1
O-1	0/0/0	0
W-4/5	1/0/0	1
W-3	1/0/0	1
W-2	0/1/0	1
W-1	0/0/0	0

Grade	A/N/AF	TOTAL
E-9	5/0/0	5
E-8	11/0/1	12
E-7	37/2/1	40
E-6	54/4/1	59
E-5	88/10/1	99
E-4	85/1/0	86
E-3	3/0/0	3
E-2	1/0/0	1
E-1	0/0/0	0
CIV	2	2

5. Other costs associated with Army Family Housing: None reported.

**DUGWAY PROVING GROUND**

1. Average Housing Occupancy Rate: Average Units Occupied/Total Units: 418/592 = 71%
2. Housing Turnover Rate: Total Units/Average Move-in Per Year: 592/120 = 4.9 yrs
3. Deferred Maintenance (\$): FY 96\$ = \$1,262,000
4. Current Housing residents:

Grade	A/N/AF	TOTAL
O-7 +	0/0/0	0
O-6	1/0/0	1
O-5	2/0/0	2
O-4	4/0/0	4
O-3	8/0/1	9
O-2	1/0/0	1
O-1	0/0/0	0
W-4/5	0/0/0	0
W-3	0/0/0	0
W-2	0/0/0	0
W-1	0/0/0	0

Grade	A/N/AF	TOTAL
E-9	2/0/0	2
E-8	2/0/1	2
E-7	6/3/0	9
E-6	10/2/4	16
E-5	20/2/4	26
E-4	10/0/15	25
E-3	4/0/10	14
E-2	1/0/1	2
E-1	0/0/0	0
CIV	260/0/19	279

5. Other costs associated with Army Family Housing: None reported.

\*A=ARMY, N=NAVY OR MARINES, AF = AIR FORCE, C=COAST GUARD

## Economic Impact Data

**Activity: FORT RITCHIE**

**Economic Area: Hagerstown, MD PMSA**

**Impact of Proposed BRAC-95 Action at FORT RITCHIE:**

Total Population of Hagerstown, MD PMSA (1992):	125,500
Total Employment of Hagerstown, MD PMSA, BEA (1992):	67,031
Total Personal Income of Hagerstown, MD PMSA (1992 actual):	\$2,113,808,000
BRAC 95 Total Direct and Indirect Job Change:	(3,242)
BRAC 95 Potential Total Job Change Over Closure Period (% of 1992 Total Employment)	(4.8%)

		<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>Total</u>	
Relocated Jobs:	MIL	0	0	0	(29)	(111)	(711)	0	0	(851)	
	CIV	0	0	0	(330)	(163)	(248)	0	0	(741)	
Other Jobs:	MIL	0	0	0	(140)	0	0	0	0	(140)	
	CIV	0	0	0	(632)	0	0	0	0	(632)	
<b>BRAC 95 Direct Job Change Summary at FORT RITCHIE:</b>											
	MIL	0	0	0	(169)	(111)	(711)	0	0	(991)	
	CIV	0	0	0	(962)	(163)	(248)	0	0	(1,373)	
	TO	0	0	0	(1,131)	(274)	(959)	0	0	(2,364)	
										Indirect Job Change:	(878)
										Total Direct and Indirect Job Change:	(3,242)

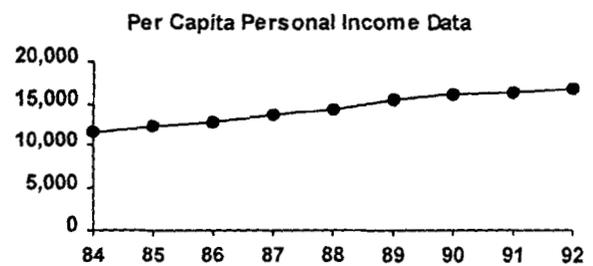
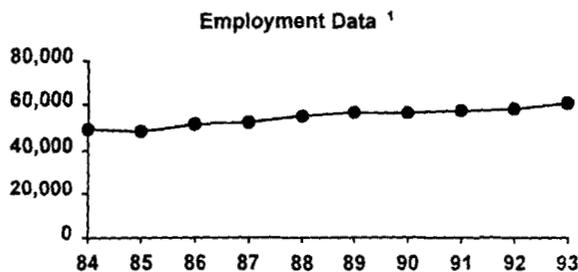
**Other Pending BRAC Actions at FORT RITCHIE (Previous Rounds):**

	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0

**Hagerstown, MD PMSA Profile:**

Civilian Employment, BLS (1993): 60,708

Average Per Capita Income (1992): \$16,846



**Annualized Change in Civilian Employment (1984-1993)**

Employment:	1,325
Percentage:	2.5%
U.S. Average Change:	1.5%

**Annualized Change in Per Capita Personal Income (1984-1992)**

Dollars:	\$660
Percentage:	4.8%
U.S. Average Change:	5.3%

Unemployment Rates for Hagerstown, MD PMSA and the US (1984 - 1993):

	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Local	9.3%	7.7%	6.9%	6.3%	6.4%	5.3%	6.7%	8.3%	8.9%	8.2%
U.S.	7.5%	7.2%	7.0%	6.2%	5.5%	5.3%	5.5%	6.7%	7.4%	6.8%

1 Note: Bureau of Labor Statistics employment data for 1993, which has been adjusted to incorporate revised methodologies and 1993 Bureau of the Census metropolitan area definitions are not fully compatible with 1984 - 1992 data.

### Economic Impact Data

**Activity: FORT RITCHIE**

**Economic Area: Hagerstown, MD PMSA**

**Cumulative BRAC Impacts Affecting Hagerstown, MD PMSA:**

<b>Cumulative Total Direct and Indirect Job Change:</b>	<b>(3,242)</b>
<b>Potential Cumulative Total Job Change Over Closure Period (% of 1992 Total Employ)</b>	<b>(4.8%)</b>

		<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>Total</u>
<b>Other Proposed BRAC 95 Direct Job Changes in Economic Area (Excluding FORT RITCHIE)</b>										
Army:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Navy:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Other Pending Prior BRAC Direct Job Changes in Economic Area (Excluding FORT RITCHIE)</b>										
Army:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Navy:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Cumulative Direct Job Change in Hagerstown, MD PMSA Statistical Area (Including FORT RITCHIE)</b>										
	MIL	0	0	0	(169)	(111)	(711)	0	0	(991)
	CIV	0	0	0	(962)	(163)	(248)	0	0	(1,373)
	TO	0	0	0	(1,131)	(274)	(959)	0	0	(2,364)
										Cumulative Indirect Job Change: (878)
										Cumulative Total Direct and Indirect Job Change: (3,242)

RITCHIE

REVISED

FINAL COBRA

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Starting Year : 1996  
 Final Year : 1999  
 ROI Year : 2001 (2 Years)

NPV in 2015(\$K): -275,464  
 1-Time Cost(\$K): 69,909

Net Costs (\$K)	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	8,298	7,983	28,106	0	-10,431	-10,431	44,388	0
Person	0	-4,871	-12,769	-10,431	-16,051	-16,051	-48,934	-10,431
Overhd	1,845	8	-2,509	-3,965	-16,051	0	-36,724	-16,051
Moving	0	11,792	3,547	239	0	401	15,578	0
Missio	0	0	0	0	0	600	802	401
Other	0	780	251	0	0	600	1,631	0
<b>TOTAL</b>	<b>10,143</b>	<b>15,692</b>	<b>16,626</b>	<b>-14,157</b>	<b>-26,082</b>	<b>-25,482</b>	<b>-23,260</b>	<b>-26,082</b>

	1996	1997	1998	1999	2000	2001	Total
<b>POSITIONS ELIMINATED</b>							
Off	0	8	0	0	0	0	8
Enl	0	132	0	0	0	0	132
Civ	0	177	0	0	0	0	177
TOT	0	317	0	0	0	0	317
<b>POSITIONS REALIGNED</b>							
Off	0	18	7	47	0	0	72
Enl	0	11	104	664	0	0	779
Stu	0	0	0	0	0	0	0
Civ	0	330	163	248	0	0	741
TOT	0	359	274	959	0	0	1,592

SAVES  
 REVISED  
 MIL CIV  
 140 177  
 851 741  
 171 918

ORIG  
 710  
 710

Summary:

NEW SCREEN 4 DATA - HOUSING, BASOPS, RPMA  
 DISA TO BASE X

PERSONNEL SUMMARY REPORT (COBRA v5.08)  
 Date As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

PERSONNEL SUMMARY FOR: FORT HUACHUCA, AZ

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
793	4,813	2,074	3,179

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	4	0	2	0	0	6
Enlisted	0	-3	0	0	0	0	-3
Students	0	-30	7	0	0	0	-23
Civilians	0	16	4	8	0	0	28
TOTAL	0	-13	11	10	0	0	8

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
799	4,810	2,051	3,207

PERSONNEL REALIGNMENTS:

From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	7	0	0	0	7
Enlisted	0	0	104	0	0	0	104
Students	0	0	0	0	0	0	0
Civilians	0	0	163	0	0	0	163
TOTAL	0	0	274	0	0	0	274

TOTAL PERSONNEL REALIGNMENTS (Into FORT HUACHUCA, AZ):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	7	0	0	0	7
Enlisted	0	0	104	0	0	0	104
Students	0	0	0	0	0	0	0
Civilians	0	0	163	0	0	0	163
TOTAL	0	0	274	0	0	0	274

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
806	4,914	2,051	3,370

PERSONNEL SUMMARY FOR: FORT DETRICK, MD

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
219	592	3	3,005

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-3	0	0	0	0	-3
Enlisted	0	-5	0	0	0	0	-5
Students	0	0	0	0	0	0	0
Civilians	0	-20	-17	-14	0	0	-51
TOTAL	0	-28	-17	-14	0	0	-59

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
216	587	3	2,954

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 2  
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Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

PERSONNEL REALIGNMENTS:

From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	664	0	0	664
Students	0	0	0	0	0	0	0
Civilians	0	0	0	248	0	0	248
TOTAL	0	0	0	959	0	0	959

TOTAL PERSONNEL REALIGNMENTS (Into FORT DETRICK, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	664	0	0	664
Students	0	0	0	0	0	0	0
Civilians	0	0	0	248	0	0	248
TOTAL	0	0	0	959	0	0	959

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
263	1,251	3	3,202

PERSONNEL SUMMARY FOR: FORT RITCHIE, MD

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
80	911	0	916

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	1	0	1	0	0	2
TOTAL	0	1	0	1	0	0	2

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
80	991	0	918

PERSONNEL REALIGNMENTS:

To Base: FORT WUACHUCA, AZ

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	7	0	0	0	7
Enlisted	0	0	104	0	0	0	104
Students	0	0	0	0	0	0	0
Civilians	0	0	163	0	0	0	163
TOTAL	0	0	274	0	0	0	274

To Base: FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	664	0	0	664
Students	0	0	0	0	0	0	0
Civilians	0	0	0	248	0	0	248
TOTAL	0	0	0	959	0	0	959

PERSONNEL SUMMARY REPORT (COBRA v5.08) - Page 3  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

To Base: BASE X, US

	1996	1997	1998	1999	2000	2001	Total
Officers	0	18	0	0	0	0	18
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	330	0	0	0	0	330
TOTAL	0	359	0	0	0	0	359

TOTAL PERSONNEL REALIGNMENTS (Out of FORT RITCHIE, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	18	7	47	0	0	72
Enlisted	0	11	104	664	0	0	779
Students	0	0	0	0	0	0	0
Civilians	0	330	163	248	0	0	741
TOTAL	0	359	274	959	0	0	1,592

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-8	0	0	0	0	-8
Enlisted	0	-132	0	0	0	0	-132
Civilians	0	-177	0	0	0	0	-177
TOTAL	0	-317	0	0	0	0	-317

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BASE X, US

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
752	4,208	1,121	2,709

PERSONNEL REALIGNMENTS:  
 From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	18	0	0	0	0	18
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	330	0	0	0	0	330
TOTAL	0	359	0	0	0	0	359

TOTAL PERSONNEL REALIGNMENTS (Into BASE X, US):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	18	0	0	0	0	18
Enlisted	0	11	0	0	0	0	11
Students	0	0	0	0	0	0	0
Civilians	0	330	0	0	0	0	330
TOTAL	0	359	0	0	0	0	359

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
770	4,219	1,121	3,039

Department : ARMY  
Option Package : CA11-21  
Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

PERSONNEL SUMMARY FOR: SITE R, MD

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
----- 0	----- 0	----- 0	----- 80

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 0	----- 0	----- 0	----- 80

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/18  
 Date As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

ONE-TIME COSTS -----(\$K)-----	1996 ----	1997 ----	1998 ----	1999 ----	2000 ----	2001 ----	Total -----
<b>CONSTRUCTION</b>							
MILCON	7,676	7,622	19,138	0	0	0	34,436
Fam Housing	622	0	6,225	0	0	0	6,847
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	0	556	179	0	0	0	735
Civ Retire	0	211	66	0	0	0	277
<b>CIV MOVING</b>							
Per Diem	0	738	290	0	0	0	1,028
POV Miles	0	52	42	0	0	0	94
Home Purch	0	2,146	1,055	0	0	0	3,201
MHG	0	1,543	808	0	0	0	2,351
Misc	0	151	73	0	0	0	225
House Hunt	0	613	326	0	0	0	939
PPS	0	1,526	0	0	0	0	1,526
RITA	0	1,036	500	0	0	0	1,536
<b>FREIGHT</b>							
Packing	0	61	54	238	0	0	353
Freight	0	8	12	0	0	0	21
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	97	31	0	0	0	128
<b>OTHER</b>							
Program Plan	1,845	1,383	1,038	778	0	0	5,044
Shutdown	0	384	155	544	0	0	1,084
New Hire	0	126	64	0	0	0	191
1-Time Move	0	3,800	0	0	0	0	3,800
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	11	53	0	0	0	65
POV Miles	0	7	44	0	0	0	51
MHG	0	125	390	0	0	0	515
Misc	0	20	78	0	0	0	98
<b>OTHER</b>							
Elim PCS	0	627	0	0	0	0	627
<b>OTHER</b>							
HAP / RSE	0	780	251	0	0	0	1,031
Environmental	0	0	0	0	0	0	0
Info Manage	0	362	2,743	0	0	0	3,105
1-Time Other	0	0	0	0	0	600	600
<b>TOTAL ONE-TIME</b>	<b>10,143</b>	<b>23,988</b>	<b>33,616</b>	<b>1,561</b>	<b>0</b>	<b>600</b>	<b>69,909</b>

V = 42K H&B 3/2/95

92,893

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/18  
 Date As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

	1996	1997	1998	1999	2000	2001	Total	Beyond
<b>RECURRINGCOSTS</b>								
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	120	235	235	235	825	235
O&M	0	0	602	602	602	602	2,409	602
RPMA	0	688	1,297	3,239	3,239	3,239	11,702	3,239
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL	0	0	0	0	0	0	0	0
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	179	575	3,428	3,428	3,428	11,036	3,428
House Allow	0	0	0	0	401	401	802	401
OTHER	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>867</b>	<b>2,594</b>	<b>7,504</b>	<b>7,905</b>	<b>7,905</b>	<b>26,775</b>	<b>7,905</b>
<b>TOTAL COST (NET)</b>	<b>10,143</b>	<b>24,855</b>	<b>36,210</b>	<b>9,065</b>	<b>7,905</b>	<b>2001</b>	<b>Total</b>	
<b>ONE-TIME SAVES</b>								
----(\$K)----	----	----	----	----	----	----	----	----
CONSTRUCTION	0	0	0	0	0	0	0	0
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M	0	0	0	0	0	0	225	0
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL	0	47	178	0	0	0	0	0
Mil Moving	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0
Land Sales	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	225	0
1-Time Other	0	47	178	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>0</b>	<b>47</b>	<b>178</b>	<b>0</b>	<b>0</b>	<b>2001</b>	<b>Total</b>	<b>Beyond</b>
<b>RECURRINGSAVES</b>								
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	902	2,171	3,817	5,097	5,097	17,084	5,097
O&M	0	395	960	1,722	2,381	2,381	7,839	2,381
RPMA	0	1,151	2,590	3,825	12,320	12,320	32,206	12,320
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	4,071	8,142	8,142	8,142	8,142	36,637	8,142
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL	0	272	543	543	543	543	2,446	543
Off Salary	0	2,037	4,073	4,073	4,073	4,073	18,331	4,073
Enl Salary	0	288	926	1,100	1,100	1,100	4,515	1,100
House Allow	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0
Procurement	0	0	0	0	330	330	660	330
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>9,116</b>	<b>19,406</b>	<b>23,223</b>	<b>33,987</b>	<b>33,987</b>	<b>119,719</b>	<b>33,987</b>
<b>TOTAL SAVINGS (NET)</b>	<b>0</b>	<b>9,162</b>	<b>19,585</b>	<b>23,223</b>	<b>33,987</b>	<b>33,987</b>	<b>119,944</b>	<b>33,987</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/18  
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Department : ARMY  
 Option Package : CA11-21  
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 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

ONE-TIME NET ----(\$K)----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	7,676	7,622	19,138	0	0	0	34,436
Fam Housing	622	0	6,225	0	0	0	6,847
O&M							
Civ Retir/RIF	0	767	246	0	0	0	1,013
Civ Moving	0	7,875	3,160	239	0	0	11,274
Other	1,845	5,791	1,289	1,323	0	0	10,247
MIL PERSONNEL							
Mil Moving	0	744	387	0	0	0	1,131
OTHER							
HAP / RSE	0	780	251	0	0	0	1,031
Environmental	0	0	0	0	0	0	0
Info Manage	0	362	2,743	0	0	0	3,105
1-Time Other	0	0	0	0	0	600	600
Land	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>10,143</b>	<b>23,941</b>	<b>33,438</b>	<b>1,561</b>	<b>0</b>	<b>600</b>	<b>69,684</b>

RECURRING NET ----(\$K)----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	-902	-2,051	-3,581	-4,862	-4,862	-16,258	-4,862
O&M								
RPMA	0	-395	-358	-1,120	-1,779	-1,779	-5,430	-1,779
BOS	0	-462	-1,293	-586	-9,081	-9,081	-20,504	-9,081
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-4,071	-8,142	-8,142	-8,142	-8,142	-36,637	-8,142
CRAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	-2,308	-4,617	-4,617	-4,617	-4,617	-20,777	-4,617
House Allow	0	-110	-351	2,327	2,327	2,327	6,521	2,327
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	401	401	802	401
Misc Recur	0	0	0	0	-330	-330	-660	-330
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>-8,249</b>	<b>-16,812</b>	<b>-15,719</b>	<b>-26,082</b>	<b>-26,082</b>	<b>-92,943</b>	<b>-26,082</b>
<b>TOTAL NET COST</b>	<b>10,143</b>	<b>15,692</b>	<b>16,626</b>	<b>-14,157</b>	<b>-26,082</b>	<b>-25,482</b>	<b>-23,260</b>	<b>-26,082</b>

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 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT HUACHUCA, AZ	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	762	7,622	0	0	0	0	8,384
Fam Housing	0	0	0	0	0	0	0
Land Purch	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
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	64	0	0	0	64
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
Info Manage	0	362	0	0	0	0	362
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	762	7,983	64	0	0	0	8,810

4.3  
 ↑ ADD  
 500 TO  
 8,810

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 5/18  
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Department : ARMY  
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Base: FORT HUACHUCA, AZ								
RECURRING COSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	47	47	47	47	189	47
BOS	0	0	609	609	609	609	2,436	609
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	396	396	396	396	1,584	396
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	656	656	656	656	4,209	1,052
TOTAL COSTS	762	7,983	1,116	1,052	1,052	1,052	13,019	1,052
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
----(\$K)----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
Land Sales	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0	0
RECURRING SAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
----(\$K)----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL SAVINGS	0	0	0	0	0	0	0	0

1,052 1,052



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Department : ARMY  
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Base: FORT DETRICK, MD	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
<b>CONSTRUCTION</b>							
MILCON	1,914	0	19,138	0	0	0	21,052
Fam Housing	622	0	6,225	0	0	0	6,847
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
<b>CIV MOVING</b>							
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
HNG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
<b>FREIGHT</b>							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
<b>OTHER</b>							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HNG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	0	0
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	2,743	0	0	0	2,743
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>2,536</b>	<b>0</b>	<b>28,106</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,642</b>

2819  
 18,272  
 42,525

68,399

Demanded  
 because of  
 reduced  
 funding  
 from HHS Dept



APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 9/18  
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 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT DETRICK, MD

ONE-TIME NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	
CONSTRUCTION								
MILCON	1,914	0	19,138	0	0	0	21,052	
Fam Housing	622	0	6,225	0	0	0	6,847	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	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	
Info Manage	0	0	2,743	0	0	0	2,743	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	2,536	0	28,106	0	0	0	30,642	
RECURRING NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	120	235	235	235	825	235
O&M								
RPMA	0	0	555	555	555	555	2,220	555
BOS	0	0	0	1,942	1,942	1,942	5,825	1,942
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	2,853	2,853	2,853	8,558	2,853
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	401	401	802	401
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	675	5,585	5,986	5,986	18,231	5,986
TOTAL NET COST	2,536	0	28,781	5,585	5,986	5,986	48,873	5,986

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Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT RITCHIE, MD	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
<b>CONSTRUCTION</b>							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	556	179	0	0	0	735
Civ Retire	0	211	66	0	0	0	277
<b>CIV MOVING</b>							
Per Diem	0	738	290	0	0	0	1,028
POV Miles	0	52	42	0	0	0	94
Home Purch	0	2,146	1,055	0	0	0	3,201
HHG	0	1,543	808	0	0	0	2,351
Misc	0	151	73	0	0	0	225
House Hunt	0	613	326	0	0	0	939
PPS	0	1,526	0	0	0	0	1,526
RITA	0	1,036	500	0	0	0	1,536
<b>FREIGHT</b>							
Packing	0	61	54	238	0	0	353
Freight	0	8	12	0	0	0	21
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	97	31	0	0	0	128
<b>OTHER</b>							
Program Plan	1,845	1,383	1,038	778	0	0	5,044
Shutdown	0	384	155	544	0	0	1,084
New Hires	0	0	0	0	0	0	0
1-Time Move	0	3,800	0	0	0	0	3,800
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	11	53	0	0	0	65
POV Miles	0	7	44	0	0	0	51
HHG	0	125	390	0	0	0	515
Misc	0	20	78	0	0	0	98
<b>OTHER</b>							
Elim PCS	0	627	0	0	0	0	627
<b>OTHER</b>							
NAP / RSE	0	780	251	0	0	0	1,031
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	600	600
<b>TOTAL ONE-TIME</b>	<b>1,845</b>	<b>15,878</b>	<b>5,446</b>	<b>1,561</b>	<b>0</b>	<b>600</b>	<b>25,330</b>

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 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT RITCHIE, MD	1996	1997	1998	1999	2000	2001	Total	Beyond
RECURRINGCOSTS								
----(\$K)-----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
<b>TOTAL COSTS</b>	<b>1,845</b>	<b>15,878</b>	<b>5,446</b>	<b>1,561</b>	<b>0</b>	<b>600</b>	<b>25,330</b>	<b>0</b>
ONE-TIME SAVES								
----(\$K)-----	----	----	----	----	----	----	----	----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	47	178	0	0	0	225	0
OTHER								
Land Sales	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	47	178	0	0	0	225	0
RECURRINGSAVES								
----(\$K)-----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	902	2,171	3,817	5,097	5,097	17,084	5,097
O&M								
RPMA	0	395	960	1,722	2,381	2,381	7,839	2,381
BOS	0	1,151	2,590	3,825	12,320	12,320	32,206	12,320
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	4,071	8,142	8,142	8,142	8,142	36,637	8,142
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	272	543	543	543	543	2,446	543
Enl Salary	0	2,037	4,073	4,073	4,073	4,073	18,331	4,073
House Allow	0	288	926	1,100	1,100	1,100	4,515	1,100
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	330	330	660	330
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	9,116	19,406	23,223	33,987	33,987	119,719	33,987
<b>TOTAL SAVINGS</b>	<b>0</b>	<b>9,162</b>	<b>19,585</b>	<b>23,223</b>	<b>33,987</b>	<b>33,987</b>	<b>119,944</b>	<b>33,987</b>



APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 13/18  
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Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: BASE X, US	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	----	----	----	----	----	----	----
-----(\$K)-----							
CONSTRUCTION							
MILCON	5,000	0	0	0	0	0	5,000
Fam Housing	0	0	0	0	0	0	0
Land Purch	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 Munt	0	0	0	0	0	0	0
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	126	0	0	0	0	126
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
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	5,000	126	0	0	0	0	5,126



APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 15/18  
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Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: BASE X, US

ONE-TIME NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	
CONSTRUCTION								
MILCON	5,000	0	0	0	0	0	5,000	
Fam Housing	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	
Other	0	126	0	0	0	0	126	
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	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	5,000	126	0	0	0	0	5,126	
RECURRING NET -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	688	688	688	688	688	3,441	688
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	179	179	179	179	179	894	179
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	867	867	867	867	867	4,335	867
TOTAL NET COST # OF ALL	5,000	993	867	867	867	867	9,461	867

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Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
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Base: SITE R, MD	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	----	----	----	----	----	----	----
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	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
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	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
Info Manage	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





TOTAL ONE-TIME COST REPORT (COBRA v5.08) - Page 1/6  
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Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	34,436,145	
Family Housing Construction	6,847,284	
Information Management Account	3,104,731	
Land Purchases	0	
<b>Total - Construction</b>		<b>44,388,160</b>
<b>Personnel</b>		
Civilian RIF	735,508	
Civilian Early Retirement	277,368	
Civilian New Hires	190,748	
Eliminated Military PCS	627,364	
Unemployment	128,412	
<b>Total - Personnel</b>		<b>1,959,400</b>
<b>Overhead</b>		
Program Planning Support	5,043,917	
Mothball / Shutdown	1,083,750	
<b>Total - Overhead</b>		<b>6,127,667</b>
<b>Moving</b>		
Civilian Moving	9,374,157	
Civilian PPS	1,526,400	
Military Moving	728,874	
Freight	373,500	
One-Time Moving Costs	3,800,000	
<b>Total - Moving</b>		<b>15,802,932</b>
<b>Other</b>		
HAP / RSE	1,030,771	
Environmental Mitigation Costs	0	
One-Time Unique Costs	600,000	
<b>Total - Other</b>		<b>1,630,771</b>
<b>Total One-Time Costs</b>		<b>69,908,930</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	225,207	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>225,207</b>
<b>Total Net One-Time Costs</b>		<b>69,683,723</b>

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT HUACHUCA, AZ  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	8,384,070	
Family Housing Construction	0	
Information Management Account	361,710	
Land Purchases	0	
Total - Construction		8,745,780
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	64,322	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		64,322
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
MAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
-----		
Total One-Time Costs		8,810,102
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		0
-----		
Total Net One-Time Costs		8,810,102

ONE-TIME COST REPORT (COBRA v5.08) - Page 3/6  
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Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT DETRICK, MD  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	21,052,074	
Family Housing Construction	6,847,284	
Information Management Account	2,743,021	
Land Purchases	0	
<b>Total - Construction</b>		<b>30,642,379</b>
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		<b>0</b>
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		<b>0</b>
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		<b>0</b>
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		<b>0</b>
<b>Total One-Time Costs</b>		<b>30,642,379</b>
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
<b>Total Net One-Time Costs</b>		<b>30,642,379</b>

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT RITCHIE, MD  
 (All values in Dollars)

Category	Cost	Sub-Total
<b>Construction</b>		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		<b>0</b>
<b>Personnel</b>		
Civilian RIF	735,508	
Civilian Early Retirement	277,368	
Civilian New Hires	0	
Eliminated Military PCS	627,364	
Unemployment	128,412	
<b>Total - Personnel</b>		<b>1,768,652</b>
<b>Overhead</b>		
Program Planning Support	5,043,917	
Mothball / Shutdown	1,083,750	
<b>Total - Overhead</b>		<b>6,127,667</b>
<b>Moving</b>		
Civilian Moving	9,374,157	
Civilian PPS	1,526,400	
Military Moving	728,874	
Freight	373,500	
One-Time Moving Costs	3,800,000	
<b>Total - Moving</b>		<b>15,802,932</b>
<b>Other</b>		
HAP / RSE	1,030,771	
Environmental Mitigation Costs	0	
One-Time Unique Costs	600,000	
<b>Total - Other</b>		<b>1,630,771</b>
<b>Total One-Time Costs</b>		<b>25,330,022</b>
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	225,207	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>225,207</b>
<b>Total Net One-Time Costs</b>		<b>25,104,815</b>

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: BASE X, US  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	5,000,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		<b>5,000,000</b>
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	126,426	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		<b>126,426</b>
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		<b>0</b>
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		<b>0</b>
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		<b>0</b>
<b>Total One-Time Costs</b>		<b>5,126,426</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
-----		
<b>Total Net One-Time Costs</b>		<b>5,126,426</b>

ONE-TIME COST REPORT (COBRA v5.08) - Page 6/6  
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Department : ARMY  
 Option Package : CA11-21  
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Base: SITE R, MD  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
<b>Total - Construction</b>		0
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		0
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		0
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		0
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		0
<b>Total One-Time Costs</b>		<b>0</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
-----		
<b>Total Net One-Time Costs</b>		<b>0</b>

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
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MILCON - All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
FORT HUACHUCA	8,384	362	0	0	8,746
FORT DETRICK	27,899	2,743	0	0	30,642
FORT RITCHIE	0	0	0	0	0
BASE X	5,000	0	0	0	5,000
SITE R	0	0	0	0	0
Totals:	41,283	3,105	0	0	44,388

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
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MilCon for Base: FORT HUACHUCA, AZ

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
-----	-----	-----	-----	-----	-----	-----
GEN PURP WAREHOUSE	STORA	0	0	12,000	1,215	1,215
ACSIM 13 DEC						
GEN PURP ADMIN	ADMIN	45,000	4,750	0	0	4,750
ACSIM 13 DEC						
UNACC ENL PERS MSG	BACHQ	0	0	31	2,419	2,419
ACSIM 13 DEC						
-----						
Total Construction Cost:						8,384
+ Info Management Account:						362
+ Land Purchases:						0
- Construction Cost Avoid:						0
-----						
TOTAL:						8,746

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

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
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MilCon for Base: FORT DETRICK, MD

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
GEN PURP WAREHOUSE	STORA	0	0	11,000	825	825
GEN PURP ADMIN	ADMIN	0	0	27,000	3,580	3,580
FAMILY HOUSING	FAMHQ	0	0	57	6,847	6,847
UNACCOMP ENL HOUSING	BACHQ	10	341	282	16,305	16,647
-----						
Total Construction Cost:						27,899
+ Info Management Account:						2,743
+ Land Purchases:						0
- Construction Cost Avoid:						0
-----						
TOTAL:						30,642

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

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
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MilCon for Base: BASE X, US

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
DISA	ADMIN	0	n/a	0	n/a	5,000
Total Construction Cost:						5,000
+ Info Management Account:						0
+ Land Purchases:						0
- Construction Cost Avoid:						0
TOTAL:						5,000

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

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 2/2  
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	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	8,298	7,983	28,106	0	0	0	44,388	0
Person	0	1,797	916	3,428	3,428	3,428	12,996	3,428
Overhd	1,845	2,455	3,212	5,399	4,076	4,076	21,064	4,076
Moving	0	11,839	3,725	239	0	0	15,803	0
Missio	0	0	0	0	401	401	802	401
Other	0	780	251	0	0	600	1,631	0
<b>TOTAL</b>	<b>10,143</b>	<b>24,855</b>	<b>36,210</b>	<b>9,065</b>	<b>7,905</b>	<b>8,505</b>	<b>96,684</b>	<b>7,905</b>

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	6,668	13,685	13,859	13,859	13,859	61,930	13,859
Overhd	0	2,448	5,721	9,364	20,128	20,128	57,789	20,128
Moving	0	47	178	0	0	0	225	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>9,162</b>	<b>19,585</b>	<b>23,223</b>	<b>33,987</b>	<b>33,987</b>	<b>119,944</b>	<b>33,987</b>

NET PRESENT VALUES REPORT (COBRA v5.08)  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	10,143,126	10,006,470	10,006,470
1997	15,692,468	15,066,712	25,073,182
1998	16,625,670	15,535,477	40,608,659
1999	-14,157,424	-12,875,017	27,733,642
2000	-26,081,805	-23,084,443	4,649,198
2001	-25,481,805	-21,949,778	-17,300,579
2002	-26,081,805	-21,865,315	-39,165,895
2003	-26,081,805	-21,280,112	-60,446,007
2004	-26,081,805	-20,710,572	-81,156,579
2005	-26,081,805	-20,156,274	-101,312,853
2006	-26,081,805	-19,616,812	-120,929,665
2007	-26,081,805	-19,091,788	-140,021,453
2008	-26,081,805	-18,580,815	-158,602,268
2009	-26,081,805	-18,083,518	-176,685,787
2010	-26,081,805	-17,599,531	-194,285,318
2011	-26,081,805	-17,128,498	-211,413,816
2012	-26,081,805	-16,670,071	-228,083,887
2013	-26,081,805	-16,223,913	-244,307,800
2014	-26,081,805	-15,789,696	-260,097,496
2015	-26,081,805	-15,367,101	-275,464,598

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 1/6  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	330	163	248	0	0	741
Early Retirement*	10.00%	0	33	16	0	0	0	49
Regular Retirement*	5.00%	0	17	8	0	0	0	25
Civilian Turnover*	15.00%	0	50	24	0	0	0	74
Civs Not Moving (RIFs)*+		0	20	10	0	0	0	30
Civilians Moving (the remainder)		0	210	105	248	0	0	563
Civilian Positions Available		0	120	58	0	0	0	178
CIVILIAN POSITIONS ELIMINATED		0	177	0	0	0	0	177
Early Retirement	10.00%	0	18	0	0	0	0	18
Regular Retirement	5.00%	0	9	0	0	0	0	9
Civilian Turnover	15.00%	0	27	0	0	0	0	27
Civs Not Moving (RIFs)*+		0	11	0	0	0	0	11
Priority Placement#	60.00%	0	106	0	0	0	0	106
Civilians Available to Move		0	6	0	0	0	0	6
Civilians Moving		0	6	0	0	0	0	6
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	330	163	248	0	0	741
Civilians Moving		0	216	105	248	0	0	569
New Civilians Hired		0	114	58	0	0	0	172
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	51	16	0	0	0	67
TOTAL CIVILIAN RIFs		0	31	10	0	0	0	41
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	106	0	0	0	0	106
TOTAL CIVILIAN NEW HIRES		0	114	58	0	0	0	172

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

# Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 2/6  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT HUACHUCA, AZ	Rate	1996	1997	1998	1999	2000	2001	Total
<b>CIVILIAN POSITIONS REALIGNING OUT</b>		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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
<b>CIVILIAN POSITIONS ELIMINATED</b>		0	0	0	0	0	0	0
Early Retirement	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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
<b>CIVILIAN POSITIONS REALIGNING IN</b>		0	0	163	0	0	0	163
Civilians Moving		0	0	105	0	0	0	105
New Civilians Hired		0	0	58	0	0	0	58
Other Civilian Additions		0	0	0	0	0	0	0
<b>TOTAL CIVILIAN EARLY RETIRMENTS</b>		0	0	0	0	0	0	0
<b>TOTAL CIVILIAN RIFs</b>		0	0	0	0	0	0	0
<b>TOTAL CIVILIAN PRIORITY PLACEMENTS#</b>		0	0	0	0	0	0	0
<b>TOTAL CIVILIAN NEW HIRES</b>		0	0	58	0	0	0	58

\* 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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT DETRICK, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	248	0	0	248
Civilians Moving		0	0	0	248	0	0	248
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 PPS placements involving a PCS is 50.00%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 4/6  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: FORT RITCHIE, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	330	163	248	0	0	741
Early Retirement*	10.00%	0	33	16	0	0	0	49
Regular Retirement*	5.00%	0	17	8	0	0	0	25
Civilian Turnover*	15.00%	0	50	24	0	0	0	74
Civs Not Moving (RIFs)*	6.00%	0	20	10	0	0	0	30
Civilians Moving (the remainder)		0	210	105	248	0	0	563
Civilian Positions Available		0	120	58	0	0	0	178
CIVILIAN POSITIONS ELIMINATED		0	177	0	0	0	0	177
Early Retirement	10.00%	0	18	0	0	0	0	18
Regular Retirement	5.00%	0	9	0	0	0	0	9
Civilian Turnover	15.00%	0	27	0	0	0	0	27
Civs Not Moving (RIFs)*	6.00%	0	11	0	0	0	0	11
Priority Placement#	60.00%	0	106	0	0	0	0	106
Civilians Available to Move		0	6	0	0	0	0	6
Civilians Moving		0	6	0	0	0	0	6
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	51	16	0	0	0	67
TOTAL CIVILIAN RIFS		0	31	10	0	0	0	41
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	106	0	0	0	0	106
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 PPS placements involving a PCS is 50.00%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 5/6  
 Date As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: BASE X, US	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	330	0	0	0	0	330
Civilians Moving		0	216	0	0	0	0	216
New Civilians Hired		0	114	0	0	0	0	114
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	114	0	0	0	0	114

\* 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 PPS placements involving a PCS is 50.00%

PERSONNEL IMPACT REPORT (COBRA v5.08) - Page 6/6  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base: SITE R, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	0.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	0.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		0	0	0	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 PPS placements involving a PCS is 50.00%

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
FORT HUACHUCA	274	3%	24,028	0%	88
FORT DETRICK	959	26%	251,099	17%	262
FORT RITCHIE	-1,909	-100%	-867,000	-100%	454
BASE X	359	4%	0	0%	0
SITE R	0	0%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
FORT HUACHUCA	47,259	0%	172	608,960	1%	2,222
FORT DETRICK	554,986	9%	579	1,941,791	13%	2,025
FORT RITCHIE	-2,381,000	-100%	1,247	-12,319,907	-100%	6,453
BASE X	0	0%	0	688,233	2%	1,917
SITE R	0	0%	0	0	0%	0

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
FORT HUACHUCA	656,219	1%	2,395
FORT DETRICK	2,496,777	12%	2,603
FORT RITCHIE	-14,700,907	-100%	7,701
BASE X	688,233	2%	1,917
SITE R	0	0%	0

RPMA/BOS CHANGE REPORT (COBRA v5.08)  
 Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
 Option Package : CA11-21  
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Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-395	-358	-1,120	-1,779	-1,779	-5,430	-1,779
BOS Change	0	-462	-1,293	-586	-9,081	-9,081	-20,504	-9,081
Housing Change	0	-902	-2,051	-3,581	-4,862	-4,862	-16,258	-4,862
<b>TOTAL CHANGES</b>	<b>0</b>	<b>-1,760</b>	<b>-3,702</b>	<b>-5,287</b>	<b>-15,721</b>	<b>-15,721</b>	<b>-42,192</b>	<b>-15,721</b>



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON, DC 20310-0200



May 31 1995

Defense Base Closure and  
Realignment Commission  
1700 North Moore Street  
Suite 1425  
ATTN: Mr Brown  
Arlington, Virginia 22209

Dear Mr. Brown,

As requested in your 11 April 1995 letter (950411-10), The Army is pleased to provide the following information and COBRA analysis regarding Fort Ritchie, MD.

The Army still recommends to close Fort Ritchie, MD. The COBRA results reflect a financially attractive alternative with a 2 year return on investment and a 20 year net present value of \$275 M. The one-time cost to implement is estimated at \$70 M, but achieves an annual steady state savings of \$26 M. The attached COBRA has been modified and some of the major changes are reflected below.

- Include DISA-Western Hemisphere (WH) at a strength of 262 per DoD IG audit.
- Move DISA-WH with \$5 M construction to base X.
- Enclave Site R with current civilian support staff and funding.
- Included 115 Military Police in support of Site R and living at Fort Detrick, MD, per USAFISA manpower audit.

The movement of DISA-WH to base X with construction should cover any decision reached with regard to their final location, whether construction will be included, and who will pay for what part of the construction. Current efforts are underway between DISA and Department of the Army regarding these issues and will be worked out during implementation.

Point of contact on this letter, scenario or COBRA is LTC(P) Powell, (703) 697-1765.

Michael G. Jones  
Colonel, U.S. Army  
Director, The Army Basing Study

RITCHIE

REVISED

INPUT DATA REPORT (COBRA v5.08)  
Data As Of 13:32 05/26/1995, Report Created 15:08 06/02/1995

Department : ARMY  
Option Package : CA11-21  
Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
-----	-----
FORT HUACHUCA, AZ	Realignment
FORT DETRICK, MD	Realignment
FORT RITCHIE, MD	Deactivates in FY 1999
BASE X, US	Realignment
SITE R, MD	Realignment

Summary:

-----  
NEW SCREEN 4 DATA - HOUSING, BASOPS, RPMA  
DISA TO BASE X

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
FORT HUACHUCA, AZ	FORT RITCHIE, MD	2,217 mi
FORT DETRICK, MD	FORT RITCHIE, MD	24 mi
FORT RITCHIE, MD	BASE X, US	1,340 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from FORT RITCHIE, MD to FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	7	0	0	0
Enlisted Positions:	0	0	104	0	0	0
Civilian Positions:	0	0	163	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

Transfers from FORT RITCHIE, MD to FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	47	0	0
Enlisted Positions:	0	0	0	664	0	0
Civilian Positions:	0	0	0	248	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from FORT RITCHIE, MD to BASE X, US

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	18	0	0	0	0
Enlisted Positions:	0	11	0	0	0	0
Civilian Positions:	0	330	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: FORT HUACHUCA, AZ

Total Officer Employees:	793	RPMA Non-Payroll (\$K/Year):	12,450
Total Enlisted Employees:	4,813	Communications (\$K/Year):	4,908
Total Student Employees:	2,074	BOS Non-Payroll (\$K/Year):	40,042
Total Civilian Employees:	3,179	BOS Payroll (\$K/Year):	35,499
Mil Families Living On Base:	51.0%	Family Housing (\$K/Year):	11,216
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.12
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,886	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	25	Activity Code:	4005
Enlisted VHA (\$/Month):	51		
Per Diem Rate (\$/Day):	76	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: FORT DETRICK, MD

Total Officer Employees:	219	RPMA Non-Payroll (\$K/Year):	5,971
Total Enlisted Employees:	592	Communications (\$K/Year):	0
Total Student Employees:	3	BOS Non-Payroll (\$K/Year):	15,111
Total Civilian Employees:	3,005	BOS Payroll (\$K/Year):	17,739
Mil Families Living On Base:	28.0%	Family Housing (\$K/Year):	595
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.83
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,470	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	173	Activity Code:	24225
Enlisted VHA (\$/Month):	197		
Per Diem Rate (\$/Day):	89	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: FORT RITCHIE, MD

Total Officer Employees:	80	RPMA Non-Payroll (\$K/Year):	2,381
Total Enlisted Employees:	911	Communications (\$K/Year):	0
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,307
Total Civilian Employees:	916	BOS Payroll (\$K/Year):	6,120
Mil Families Living On Base:	47.8%	Family Housing (\$K/Year):	5,097
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.92
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	867	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	119	Activity Code:	24625
Enlisted VHA (\$/Month):	32		
Per Diem Rate (\$/Day):	85	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

BASICS  
 # 25,905

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BASE X, US

Total Officer Employees:	752	RPMA Non-Payroll (\$K/Year):	11,891
Total Enlisted Employees:	4,208	Communications (\$K/Year):	1,514
Total Student Employees:	1,121	BOS Non-Payroll (\$K/Year):	29,982
Total Civilian Employees:	2,709	BOS Payroll (\$K/Year):	21,877
Mil Families Living On Base:	55.0%	Family Housing (\$K/Year):	8,151
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.09
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,091	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	178	Activity Code:	BASEX
Enlisted VHA (\$/Month):	132	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

Name: SITE R, MD

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	1,429	
Total Enlisted Employees:	0	Communications (\$K/Year):	0	
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	2,928	
→ Total Civilian Employees:	80	BOS Payroll (\$K/Year):	4,944	<u>9,301</u>
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0	
Civilians Not Willing To Move:	0.0%	Area Cost Factor:	0.92	
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0	
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0	
Total Base Facilities(KSF):	620	CHAMPUS Shift to Medicare:	0.0%	
Officer VHA (\$/Month):	119	Activity Code:	SITER	
Enlisted VHA (\$/Month):	32	Homeowner Assistance Program:	No	
Per Diem Rate (\$/Day):	85	Unique Activity Information:	No	
Freight Cost (\$/Ton/Mile):	0.07			

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqcd(\$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
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:



Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SITE R, MD

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	4	0	2	0	0
Enl Force Struc Change:	0	-3	0	0	0	0
Civ Force Struc Change:	0	16	4	8	0	0
Stu Force Struc Change:	0	-30	7	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-3	0	0	0	0
Enl Force Struc Change:	0	-5	0	0	0	0
Civ Force Struc Change:	0	-20	-17	-14	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	1	0	1	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	-8	0	0	0	0
Enl Scenario Change:	0	-132	0	0	0	0
Civ Scenario Change:	0	-177	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FORT HUACHUCA, AZ

*HUACHUCA*

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
GEN PURP WAREHOUSE	STORA	12,000	0	0
ACSIM 13 DEC				
GEN PURP ADMIN	ADMIN	0	45,000	0
ACSIM 13 DEC				
UNACC ENL PERS HSG	BACHQ	31	0	0
ACSIM 13 DEC				

Name: FORT DETRICK, MD

*DETRICK*

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
GEN PURP WAREHOUSE	STORA	11,000	0	0
GEN PURP ADMIN	ADMIN	27,000	0	0
FAMILY HOUSING	FAMLQ	57	0	0
UNACCOMP ENL HOUSING	BACHQ	282	10	0

Name: BASE X, US

*BASE X*

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
DISA	ADMIN	0	0	5,000

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	77.00%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	58.50%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	91.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	67,948.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,717.00	Civilian New Hire Cost(\$):	1,109.00
Enlisted Salary(\$/Year):	30,860.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,223.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	45,998.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	19.00%
SF File Desc:	SF7DEC.SFF	RSE Homeowner Receiving Rate:	12.00%

Department : ARMY  
 Option Package : CA11-21  
 Scenario File : C:\COBRA95\ARMY\UPDATES\CA11-21.CBR  
 Std Fctrs File : C:\COBRA95\ARMY\SF7DEC.SFF

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index: 0.93	Rehab vs. New MilCon Cost: 59.00%
BOS Index (RPMA vs population): 0.54 (Indices are used as exponents)	Info Management Account: 15.00%
Program Management Factor: 10.00%	MilCon Design Rate: 10.00%
Caretaker Admin(SF/Care): 162.00	MilCon SIOH Rate: 6.00%
Mothball Cost (\$/SF): 1.25	MilCon Contingency Plan Rate: 7.00%
Avg Bachelor Quarters(SF): 388.00	MilCon Site Preparation Rate: 24.00%
Avg Family Quarters(SF): 1,819.00	Discount Rate for NPV.RPT/ROI: 2.75%
APPDET.RPT Inflation Rates:	Inflation Rate for NPV.RPT/ROI: 0.00%
1996: 0.00% 1997: 2.80% 1998: 2.90%	1999: 2.90% 2000: 2.90% 2001: 2.90%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb): 710	Equip Pack & Crate(\$/Ton): 284.00
HHG Per Off Family (Lb): 14,500.00	Mil Light Vehicle(\$/Mile): 0.09
HHG Per Enl Family (Lb): 9,000.00	Heavy/Spec Vehicle(\$/Mile): 0.09
HHG Per Mil Single (Lb): 6,400.00	POV Reimbursement(\$/Mile): 0.18
HHG Per Civilian (Lb): 18,000.00	Avg Mil Tour Length (Years): 2.90
Total HHG Cost (\$/100Lb): 35.00	Routine PCS(\$/Pers/Tour): 4,665.00
Air Transport (\$/Pass Mile): 0.20	One-Time Off PCS Cost(\$): 6,134.00
Misc Exp (\$/Direct Employ): 700.00	One-Time Enl PCS Cost(\$): 4,381.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	38	APPLIED INSTR	(SF)	114
Waterfront	(LF)	0	LABS (RDT&E)	(SF)	175
Air Operations	(SF)	130	CHILD CARE CENTER	(SF)	120
Operational	(SF)	119	PRODUCTION FAC	(SF)	100
Administrative	(SF)	106	PHYSICAL FITNESS FAC	(SF)	128
School Buildings	(SF)	104	2+2 BACHQ	(EA)	19,140
Maintenance Shops	(SF)	108	Optional Category G	( )	0
Bachelor Quarters	(EA)	46,227	Optional Category H	( )	0
Family Quarters	(EA)	96,040	Optional Category I	( )	0
Covered Storage	(SF)	60	Optional Category J	( )	0
Dining Facilities	(SF)	180	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyards Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	139	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

EXPLANATORY NOTES (INPUT SCREEN NINE)

BOSNM APPLIED

ADDED CONSTRUCTION COSTS ASSOCIATED WITH RELOCATIONS - ACSIM - 17 NOV 94

FOUND NO CONSTRUCTION COST AVOIDANCES

ADDED NDW 29 NOV 94 MEMO ONE-TIME UNIQUE COSTS AND SAVINGS

ADMINISTERS CLOSURE FROM FT DETRICK

VHA/PER DIEM EFF 1 JAN 95

## Economic Impact Data

**Activity: FORT RITCHIE**

**Economic Area: Hagerstown, MD PMSA**

**Impact of Proposed BRAC-95 Action at FORT RITCHIE:**

Total Population of Hagerstown, MD PMSA (1992):	125,500
Total Employment of Hagerstown, MD PMSA, BEA (1992):	67,031
Total Personal Income of Hagerstown, MD PMSA (1992 actual):	\$2,113,808,000
BRAC 95 Total Direct and Indirect Job Change:	(3,242)
BRAC 95 Potential Total Job Change Over Closure Period (% of 1992 Total Employment)	(4.8%)

		<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>Total</u>
Relocated Jobs:	MIL	0	0	0	(29)	(111)	(711)	0	0	(851)
	CIV	0	0	0	(330)	(163)	(248)	0	0	(741)
Other Jobs:	MIL	0	0	0	(140)	0	0	0	0	(140)
	CIV	0	0	0	(177)	0	(455)	0	0	(632)
<b>BRAC 95 Direct Job Change Summary at FORT RITCHIE:</b>										
	MIL	0	0	0	(169)	(111)	(711)	0	0	(991)
	CIV	0	0	0	(507)	(163)	(703)	0	0	(1,373)
	TO	0	0	0	(676)	(274)	(1,414)	0	0	(2,364)
Indirect Job Change:										(878)
Total Direct and Indirect Job Change:										(3,242)

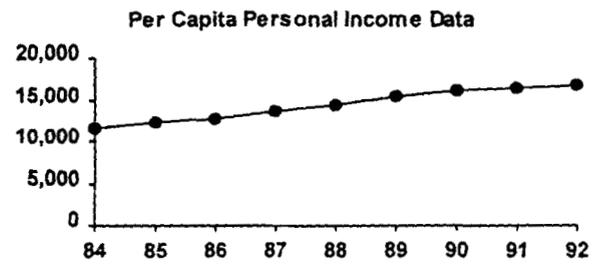
**Other Pending BRAC Actions at FORT RITCHIE (Previous Rounds):**

	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>Total</u>
MIL	0	0	0	0	0	0	0	0	0
CIV	0	0	0	0	0	0	0	0	0

**Hagerstown, MD PMSA Profile:**

Civilian Employment, BLS (1993): 60,708

Average Per Capita Income (1992): \$16,846



**Annualized Change in Civilian Employment (1984-1993)**

**Annualized Change in Per Capita Personal Income (1984-1992)**

Employment: 1,325  
 Percentage: 2.5%  
 U.S. Average Change: 1.5%

Dollars: \$660  
 Percentage: 4.8%  
 U.S. Average Change: 5.3%

**Unemployment Rates for Hagerstown, MD PMSA and the US (1984 - 1993):**

	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Local	9.3%	7.7%	6.9%	6.3%	6.4%	5.3%	6.7%	8.3%	8.9%	8.2%
U.S.	7.5%	7.2%	7.0%	6.2%	5.5%	5.3%	5.5%	6.7%	7.4%	6.8%

<sup>1</sup> Note: Bureau of Labor Statistics employment data for 1993, which has been adjusted to incorporate revised methodologies and 1993 Bureau of the Census metropolitan area definitions are not fully compatible with 1984 - 1992 data.

## Economic Impact Data

**Activity: FORT RITCHIE**

**Economic Area: Hagerstown, MD PMSA**

**Cumulative BRAC Impacts Affecting Hagerstown, MD PMSA:**

<b>Cumulative Total Direct and Indirect Job Change:</b>	<b>(3,242)</b>
<b>Potential Cumulative Total Job Change Over Closure Period (% of 1992 Total Employ)</b>	<b>(4.8%)</b>

		<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>Total</u>
<b>Other Proposed BRAC 95 Direct Job Changes in Economic Area (Excluding FORT RITCHIE)</b>										
Army:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Navy:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Other Pending Prior BRAC Direct Job Changes in Economic Area (Excluding FORT RITCHIE)</b>										
Army:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Navy:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Cumulative Direct Job Change in Hagerstown, MD PMSA Statistical Area (Including FORT RITCHIE)</b>										
	MIL	0	0	0	(169)	(111)	(711)	0	0	(991)
	CIV	0	0	0	(507)	(163)	(703)	0	0	(1,373)
	TO	0	0	0	(676)	(274)	(1,414)	0	0	(2,364)
Cumulative Indirect Job Change:										(878)
Cumulative Total Direct and Indirect Job Change:										(3,242)



UNCLASSIFIED FACSIMILE HEADER PAGE

DEFENSE INFORMATION SYSTEMS AGENCY

FROM (NAME) Bill Eldridge  
CODE WE03

TO (NAME) Rick Brown  
CODE BRAC

FAX PHONE  
DSN 277-4029  
COMM 301-877-4029

FAX PHONE  
DSN 226-0504 EXT. 197  
COMM \_\_\_\_\_

PHONE DSN 277-4282

DESTINATION PHONE  
DSN \_\_\_\_\_  
COMM \_\_\_\_\_

NO. OF PAGES (INCL. HEADER) 8

DATE 22 MAY 95

VERIFICATION PHONE \_\_\_\_\_

SUBJECT FT. Ritchie Data  
AAA Audit

COMMENTS

*Rick,  
We sent this to TABS because  
AAA review was so vague and  
we wanted to insure appropriate  
resources were earmarked for all  
closure actions.*

I CERTIFY THAT THE ABOVE  
INFORMATION IS UNCLASSIFIED

HIGHER PRECEDENCE/USE OF COMMERCIAL  
CIRCUITS AUTHORIZED

Bill Eldridge  
SENDER SIGNATURE

Bill Eldridge  
RELEASER SIGNATURE

UNCLASSIFIED FACSIMILE HEADER PAGE

REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
HEADQUARTERS, FORT RITCHIE  
FORT RITCHIE, MARYLAND 21719-5010



22 MAY 1995

ANRT-CG

MEMORANDUM FOR Director, The Army Basing Study, Colonel  
Michael G. Jones, Department of the Army,  
Office of the Chief of Staff, 200 Army  
Pentagon, Washington, DC 20310-0200

SUBJECT: Review of Fort Ritchie Supplemental Data Call,  
March 1995, INFORMATION MEMORANDUM SER-XXX

Reference: Draft memorandum, SAAG-WER, subject as above, dated  
XX May 1995 (enclosed)

1. The above referenced Army Audit Agency review summary does not clearly validate or repudiate Fort Ritchie furnished data. This is intended to clarify those issues that are summarized too vaguely to be useful to The Army Basing Study. The following information is being provided for completeness and clarity.

a. DISA WESTHEM Issues

	<u>Civ</u>	<u>Mil</u>
Authorized Strength:	237	26 (Fort Ritchie proper)
On-Board Strength	177	28 (As of 5 Apr 95)
MILCON at Fort Meade:	57,500 ft <sup>2</sup> - Estimated cost \$24.0M*	

\* This is a new requirement and, therefore, is not in current Fort Meade HQRPLANS.

b. Site R Support Issues

	<u>Civ</u>	<u>Mil</u>
Direct Support:	80	132 (On-Site)
Indirect Support:	42	5 (FY 93 Labor Year Equivalent)
Dedicated Portion of Garrison Budget: \$9.4M (FY 93 Actual)		
MILCON at Fort Detrick: Family Housing and Single Enlisted Barracks for Military Police Company*		

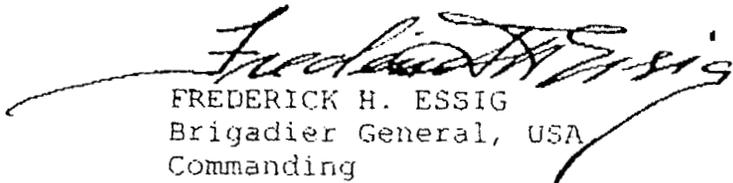
\* This is a new requirement and, therefore, is not in current Fort Detrick HQRPLANS.

HQ, Fort Ritchie, ANRT-CG, Review of Fort Ritchie Supplemental Data Call, 28 March 1995, INFORMATION MEMORANDUM SER-XXX

c. There is no documentation from Department of Defense activating DISA WESTHEM since the action was a renaming of an existing (at Fort Ritchie) Department of Defense Organization.

2. Any additional required data or supporting documentation will be provided promptly. The point of contact for this information is Mr. William Eldridge, telephone DSN 277-4282/5597.

1 Enclosure a/s

  
FREDERICK H. ESSIG  
Brigadier General, USA  
Commanding

Copy to:  
SAAG-WER, Mr. Jim Conlon  
MDW-COL Otis

*Draft*  
*Siv 078*  
*DSN*  
*277-4029*  
*15 May 95*  
XX May 1995

SAAG-WER

MEMORANDUM FOR

SUBJECT: Review of Fort Ritchie Supplemental Data Call, 28 March 1995, INFORMATION MEMORANDUM SER 95-XXX

1. Introduction. This is the report on our review of the data Fort Ritchie submitted to you on 28 March 1995.

2. Objectives and Scope. Our specific objectives were to determine whether the data Fort Ritchie furnished was:

- Accurate.
- Supported by reasonable documentation.

We made the review during April 1995. In most material respects, we made the review in accordance with generally accepted government auditing standards. And accordingly, we tested internal controls to the extent we considered necessary under the circumstances. We didn't follow certain aspects of the field work and reporting standards. In our opinion, however, not following those standards had no material effect on the results of our review.

To evaluate the accuracy of data furnished to the U.S. Army, Fort Ritchie, we:

- Reviewed The Army Basing Study request for information.
- Interviewed personnel at Fort Ritchie who helped prepare, review, and validate responses to the data call.
- Tracked responses to documentation used to support data values.

3. Background.

a. Fort Ritchie is an installation under the U.S. Army Military District of Washington. The Base Realignment and Closure Commission visited Fort Ritchie on 24 March 1995. The visit identified several potential problems with data the Basing Study used to develop the recommendations to close the installation. As a result the Army Basing Study requested Fort Ritchie provide revised or additional data in order to complete more accurate assessment of the costs and savings associated with this recommendation.

b. The Army Basing Study tasked Fort Ritchie to provide responses to eight tasking requests for information. We evaluated the accuracy and supporting documentation for the requested 8 data tasking requests.

4. Results of Review. The data that Fort Ritchie provided to The Army Basing Study Office was reasonably accurate, sufficiently supported, and prepared as requested. With a few exceptions, the Army Basing Study Office can use the Fort Ritchie revised data for it's closure recommendation. Here is summary of our review and our comments on the use of the data to make adjustments to the cost and savings analysis:

a. Request 1. Data to support activation approval for DISA-West Hemisphere.

Although, we were provided documentation that addressed the activation of DISA-West Hemisphere, no documentation generated by the Department of Defense authorizing it's activation was provided. In addition, the Commander, Fort Ritchie was requested to provide, but has not, AR 5-10 documentation in support of DISA-West Hemisphere activation. As a result of the lack of support for DISA-West Hemisphere activation the DOD Inspector General as begun an audit of this issue based on a request by The Total Army Basing Study.

b. Request 2. Data on agreements between with Fort Ritchie and DISA-West Hemisphere on services and reimbursement.

Fort Ritchie furnished a support agreement signed 1 October 1994, by the Army Information Service Center. This agreement totaled \$1,383,136 for non-reimbursable expenses. It was support for:

Military Personnel	
Population Total	21
Civilian Personnel	
Population Total	182
Facilities Square Feet	
Administrative & Storage	71220

c. Request 3. Data on where DISA-West Hemisphere personnel live, square footage of permanent and temporary buildings and Fort Ritchie/Site R RPMA.

Based on data obtained from the Fort Ritchie Civilian Personnel Office we found that the following DISA West-Hemisphere personnel are serviced/assigned at Fort Ritchie as of 5 Apr 95:

On-hand	167
Overhires	9
Total Serviced	176

In addition, we obtained a listing, by zip code on where personnel live who work at Fort Ritchie and are assigned to DISA West-Hemisphere.

On data provided to us to support square footage of permanent and temporary buildings was only for administrative facilities. However, we were told that the current HQRPLANS was accurate and can be used by the Army in it's analysis of facilities.

We found that Fort Ritchie's FY93 expenditures for Site R was about 9 million dollars. We reviewed this cost to support documentation and found them to be reasonably supported. As a result, any analysis of Fort Ritchie must included these cost to operate Site R.

d. Request 4. Data on Military Police support to Site R.

Fort Ritchie estimated that 132 Military Police personnel are needed to support Site R. Our discussion with key personnel and review of support documentation found it to be a reasonable estimate. In addition, a manpower survey is currently be conducted to validate authorizations.

e. Request 5. The number of government employees who directly support Site R.

Based on our review we determined that a reasonable estimate is 65 direct support, 15 on-site, and 42 ~~overhead personnel~~ <sup>MY'S</sup>. We base this estimate on our review the budgetary data for FY93. However, it must be noted that the level of direct personnel support is determined by the amount of funds available as well as it's priority given within the overall requirements of Fort Ritchie.

f. Request 6. Copies of all current Interservice Agreements.

Fort Ritchie provided, as requested, all support agreements that are currently in effect. Our discussion and limited review of the agreements found no reason to believe that any other agreements existed that weren't provided.

g. Request 7. DISA-West Hemisphere on authorized personnel strength.

We could not determine the authorized strength of DISA-West Hemisphere. The validation of this request for information was given to the DOD Inspector Generals Office.

h. Request 8. Other miscellaneous costs data.  
Fort Ritchie furnished a listing totalling \$66,290,385 of cost to close and relocate. We determined the following:

- Relocation Costs/People: Fort Ritchie identified \$11,870,000 for relocating 1288 personnel. We did not validate this cost because a standard cost per person is used by the Army to determine the cost of relocating personnel.

- Construction Costs: Fort Ritchie identified \$45,682,059 for administrative and unaccompanied enlisted housing construction cost. This value was not based on any analysis of HQRPLANS and therefore is not supported. The Army needs to determine its construction cost by the use of HQRPLANS as a starting point and further defined by any unique requirements.

- Equipment Move Costs: Fort Ritchie identified \$6,060,000 for the cost to move equipment. Only one item (Network Management Center-\$3,800,000) appears to be a unique cost that needs to be included in any cost/savings analysis of Fort Ritchie that is not a part of the COBRA estimating process. The remaining cost were identified for automation type costs.

- Other Costs: Fort Ritchie identified \$2,678,326 of other type costs. We determined that although these cost are reasonable they can be absorbed by the increase in BASOPS funding at the gaining installations.

I hope this report is helpful in your efforts to evaluate the Fort Ritchie recommendation for closure. This report isn't subject to the official command-reply process.

# United States Senate

WASHINGTON, DC 20510

May 9, 1995

Commissioner Rebecca G. Cox  
Defense Base Closure and Realignment Commission  
1700 N. Moore Street  
Arlington, Virginia 22209

Dear Commissioner Cox:

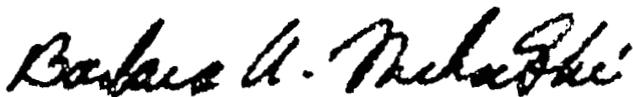
It has come to our attention that you plan to visit Letterkenny Army Depot on May 18th, and we are writing to urge you to include a visit to Fort Ritchie and Site R as a part of your agenda for that day.

As you may know, Fort Ritchie is located only a few miles south of Letterkenny and we would be pleased to assist in arranging a tour and briefing that would accommodate your schedule. As you heard during the May 4th regional hearing, the Department of Defense, in its recommendation to close Ritchie, dramatically overestimated cost savings, overlooked many of the synergies that exist among Fort Ritchie's tenants and failed to recognize its critical support for Site R. In our view, a visit to the site would help to clarify many of the issues and concerns regarding DOD's recommendation.

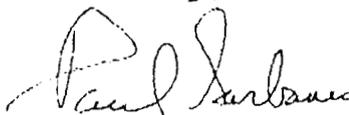
We hope you will be able to visit and we look forward to your response.

With best regards,

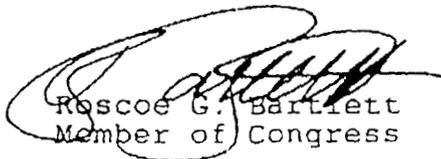
Sincerely,



Barbara A. Mikulski  
United States Senator



Paul S. Sarbanes  
United States Senator



Roscoe G. Bartlett  
Member of Congress

# United States Senate

WASHINGTON, DC 20510

May 9, 1995

*-The End and'*

Commissioner Wendi L. Steele  
Defense Base Closure and Realignment Commission  
1700 N. Moore Street  
Arlington, Virginia 22209

Dear Commissioner Steele:

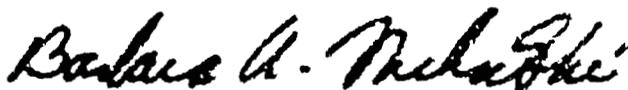
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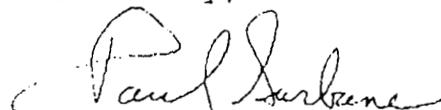
We hope you will be able to visit and we look forward to your response.

With best regards,

Sincerely,



Barbara A. Mikulski  
United States Senator



Paul S. Sarbanes  
United States Senator



Roscoe G. Bartlett  
Member of Congress

## **REGIONAL HEARING ISSUE SUMMARY**

### **FORT RITCHIE, MD**

**BALTIMORE, MD / MAY 4, 1995**

- Issue # 1: Fort Ritchie provides critical support to the Alternate Joint Command and Control Site R. Relocation of this support to Fort Detrick, MD, unacceptably degrades response time to Site R.
- Issue # 2: The DoD recommendation to close Fort Ritchie misses an opportunity to achieve efficiencies and synergy by consolidating all Defense Information Systems Agency - Western Hemisphere (DISA-WESTHEM) elements at Fort Ritchie.
- Issue # 3: The primary customer base of Fort Ritchie tenants resides in the National Capital Region. Relocation of some tenants to Fort Huachuca, AZ, will result in increased operating costs not captured in the recommendation's cost estimates.
- Issue # 4: Cost estimates are fatally flawed. Personnel strength figures and family housing operations were grossly erroneous. Personnel numbers ignored the installation's primary tenant (DISA-WESTHEM), and family housing operations costs were overstated by a factor of ten. Further, cost estimates failed to consider the requirement for continued on-site garrison activities at Site R.
- Issue # 5: The DoD recommendation ignores the environmental issue of water shortage at Fort Huachuca, AZ. Existing shortage conditions will be exacerbated by relocating elements from Fort Ritchie to Fort Huachuca.
- Issue # 6: The impact of closing Fort Ritchie will be a severe economic blow to the surrounding Northern Maryland / Southern Pennsylvania area.

# Fort

Continued from A1

said.

"We're saying not only is it going to cost more to close it. It's going to take eight years to pay back the initial investment in closing Ritchie," Knickmeier explained.

He identified eight areas of financial contention.

1. The Defense Department expects to save about \$23.4 million in garrison family housing but Fort Ritchie reported to the Pentagon in November, 1994, costs of about \$3 million a year for that item, Knickmeier said.

2. Similarly, the defense department projects \$18 million in base operating support savings if the base closes but FORMAC counts only a little more than \$7 million in savings.

Fort Ritchie supports Site R, the underground Pentagon about six miles away from the base, Knickmeier said. The Defense Department is recommending relocating Site R personnel to Fort Detrick, in Frederick County.

3. The defense department lists 100 percent savings for military and civilian Site R employees at Fort Ritchie. "Site R isn't being proposed to close. Therefore, it's inappropriate for them to claim those savings because those people are going to remain working at Site R," Knickmeier said.

4. Additionally, there would be housing costs for the 130 military police working at Site R. "You have to build buildings at Fort Detrick to house those people," he said.

5. The Defense Information Systems Agency - Western Hemisphere, is a tenant at Fort Ritchie currently employing about 175 people, with authorization for a total of 218 employees, he noted. The defense department fails to account for relocation and housing costs associated with the agency if Fort Ritchie closes.

6. The Defense Department recommendations also omit the cost of 20 caretakers if Fort Ritchie closes, at \$1.25 per square foot per year, for the more than 800,000-square foot base, Knickmeier said.

7. "There are no known environmental impediments at the closing or receiving installations," the Department of Defense's analysis said.

FORMAC disagrees. "We have included environmental issues," Knickmeier said.

The Defense Department recommendations also do not include the increased travel costs and travel time involved in moving the Technical Application Office and a portion of the Information Systems Engineering Command from Fort Ritchie to Fort Huachuca, Ariz., he said.

The vast majority of the customers served by both these organizations are located east of the Mississippi River, Knickmeier noted.

Also not accounted for in the Defense Department analysis is a \$663,636 bill the government would owe for costs associated with the Fort Ritchie Wastewater Treatment Plant, as calculated by Washington County Commissioners President Gregory I. Snook, Knickmeier said.

"What we're really questioning is the validity of the entire financial analysis that was done by the DOD on Fort Ritchie," Knickmeier said.

FORMAC will also make an economic impact case to the BRAC Commission.

"Fort Ritchie installation is the single biggest employer in Washington County when you include the military people," Knickmeier said.

The Defense Department calculates that, assuming no economic recovery, the closure of Fort Ritchie could cost 3,210 jobs from 1996 to 2001, which represents 4.8 percent of the area's employment.

FORMAC and the Maryland congressional delegation will make a 30-minute presentation to BRAC Commissioner Al Cornella and BRAC staffers when Cornella visits Fort Ritchie on Friday, Knickmeier said. Gov. Parris Glendening may also attend.

The BRAC Commission will hold regional hearings on May 4 in Baltimore and then must submit the recommended list of base closures and realignments to the president by July 1. After reviewing it, the president can return it to the commission for recommended changes or send it on to Congress, which must either accept or reject the entire list.

1. Form Hg covering < projections

2. BASOPS < projections

3. Garrison personnel ≠ eliminated

4. Form Hg construction at Ft. D.

5. DISA not counted in reloc. Hrg  
- 10 times  
- 500 employees  
- 2000 employees

6. Caretaker costs not included

7. Environmental impediments ≠ counted

8. Increased travel costs/time from Huachuca not counted



DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF STAFF  
200 ARMY PENTAGON  
WASHINGTON DC 20310-0200



REPLY TO  
ATTENTION OF

28 April 1995

Edward A. Brown III  
Army Team Leader  
The Defense Base Realignment and Closure Commission  
1700 North Moore Street Suite 1425  
Arlington, Virginia 22209

Dear Mr. Brown:

This letter responds to your memorandum dated 11 April 1995 concerning the closure of Fort Ritchie, Maryland.

The Army still supports the recommendation to close Fort Ritchie, Maryland.

The Army has reexamined data used in support of the recommendation to close Fort Ritchie, Maryland by issuing a new data call to the Military District of Washington and conducting an on-site visit with the Army Audit Agency. This information was evaluated and included in our analysis, consistent with guidance from the Secretary of Defense regarding development of BRAC 95 recommendations.

Early results of this analysis shows that closing Fort Ritchie, Maryland remains financially attractive with a four year return on investment, net savings of \$31 million/year and \$281 million over 20 years. Adjustments in data include:

- Corrected Static Base information, including the error found in Family Housing Costs
- Updated installation population
- Retention of the Military Police company for protection of Site R/C
- Inclusion of allowable unique costs
- Creation of a "Site R subpost" which is supported by a workload of 80 civilian manyears, its own BASOPS and RPMA budget and retention of its current facilities
- Enclaving of newly constructed National Guard armory
- Relocation of DISA elements (estimated 182 personnel) to a Base X.
- Additional construction to support the Military Police company quartering/messing at Fort Detrick

Note that this is an interim response. A final, revised COBRA report will be provided after several additional issues are resolved. There are three pending actions that are anticipated to be resolved by the end of May. First, the DOD Inspector General is

auditing the manning of the DISA-West Hemisphere. For estimating purposes (worst case), Army has estimated DISA elements at 182 personnel, which is the pre-inactivation authorization level of DISA elements at Fort Ritchie in the original stationing plan, versus 13 personnel in the original submission. Army Audit Agency reports 167 DISA personnel currently supported at Fort Ritchie. Second, the Military Police company for Site R is undergoing a manpower review, which has been estimated at current manning level. Third, the Assistant Chief of Staff for Installation Management is reviewing the policy which required constructing family housing for increased mission load at Fort Detrick. We will keep you apprised when these are resolved.

Our point of contact is LTC(P) Powell or LTC Bornhoft at DSN 223-0077.

Sincerely,



Michael G. Jones  
Colonel, General Staff  
Director, The Army Basing Study

Encl



THE CHAIRMAN, JOINT CHIEFS OF STAFF

WASHINGTON, D.C. 20318

17 April 1995

950407-21R

The Honorable Alan J. Dixon  
Chairman, Defense Base Closure  
and Realignment Commission  
1700 North Moore Street, Suite 1425  
Arlington, Virginia 22209

Dear Mr. Chairman,

Thank you for your letter regarding the proposed closure of Fort Ritchie, MD, and the possible impact on the National Military Command Center, Site R.

This facility is self-contained and largely self-sufficient, designed to operate without external support during crisis conditions. The guard force can seal the installation behind impenetrable blast doors within seconds of an alarm to maintain security. Fire protection is provided by installed fire suppression systems and full-time firefighters with two fire engines inside the facility. To ensure continuous operations, high reliability and redundancy are built into all vital equipment. While the installation depends on the Army's external support services, all time-sensitive, mission-essential capabilities are necessarily provided for on-site.

The Army has not yet submitted detailed plans for the proposed transfer of the Site R operational support mission from Fort Ritchie to Fort Detrick. If, as expected, the response time is extended by only 45 minutes to 1 hour, it will effectively meet all operational support requirements for the facility.

Thank you for the opportunity to provide the Joint Staff views prior to the regional hearing and final decision.

Sincerely,

JOHN M. SHALIKASHVILI  
Chairman  
of the Joint Chiefs of Staff



**THE DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**  
1700 NORTH MOORE STREET SUITE 1425  
ARLINGTON, VA 22209  
703-696-0504

ALAN J. DIXON, CHAIRMAN

April 7, 1995

COMMISSIONERS:  
AL CORNELLA  
REBECCA COX  
GEN J. B. DAVIS, USAF (RET)  
S. LEE KLING  
RADM BENJAMIN F. MONTOYA, USN (RET)  
MG JOSUE ROBLES, JR., USA (RET)  
WENDI LOUISE STEELE

General John M. Shalikashvili  
Chairman of the Joint Chiefs of Staff  
The Pentagon  
Washington, DC 20318-9999

Please refer to this PLIT/CHI  
when recording 950407-21

Dear General Shalikashvili:

During the Commission's continuing review of the Defense Department's proposal to close Fort Ritchie, Maryland, concerns have been expressed about the potential for a degraded emergency response to the Alternate National Military Command Center - Site R resulting from relocating garrison activities to Fort Detrick, Maryland. While initial Site R emergency response is largely self-contained, back up by technically qualified, appropriately cleared, elements is currently provided from Fort Ritchie. Approval of the Defense Department's recommendation to close Fort Ritchie will relocate that emergency response support to Fort Detrick, Maryland.

To assist Commission deliberations on the Department's recommendation, we would appreciate the Joint Staff's view on the acceptability of the longer response time. Specifically, does the increased reaction time from Fort Detrick by emergency response security elements, follow-on fire-fighting assets, and facility engineer teams meet the responsiveness requirements of the Joint Staff?

I would appreciate your answer by April 17, 1995 to allow consideration of your viewpoint prior to the Baltimore, Maryland Regional Hearing scheduled May 4, 1995.

Sincerely,

Alan J. Dixon  
Chairman

DRAFT

March 27, 1995

Brigadier General Frederick H. Essig  
Headquarters, U.S. Army Fort Ritchie  
Fort Ritchie, Maryland 21719-5010

Dear General Essig:

I would like to thank you and Fort Ritchie for your efforts to make my visit informative and productive. The briefings and discussions were very helpful and provided important information to the Commission's review of Fort Richie.

Please convey my appreciation to your staff for a job well done. I would like to individually commend Mr. Art Callahan, as well as, the Site R representatives who stayed late Friday night to provide me a most interesting tour.

Again, thank you for your assistance. I appreciate your cooperation.

Sincerely,

Alton W. Cornella  
Commissioner

DRAFT

DRAFT

March 27, 1995

Mr. Lonnie Knickmeier  
Fort Ritchie Military Affairs Committee  
Professional Arts Building  
Suite 601, Five Public Square  
Hagerstown, Maryland 21740

Dear Mister Knickmeier:

I want to thank you for the briefings and discussions during my visit to Fort Ritchie. You provided us with valuable information about the operations of the installation. This information will be very helpful to the Commission as we carry out our review of the recommendations of the Secretary of Defense in the months ahead.

Please extend my appreciation to the members of the Fort Ritchie Military Affairs Committee for their assistance in making my visit productive.

Sincerely,

Al Cornella  
Commissioner

DRAFT

## BRAC Commissioners Visit

<u>Name</u>	<u>Organization</u>	<u>Phone #</u>
Raymond Pirrello	TAO	4610
Bob Brooks	1108th	4328
Glenn Sanders	ISEC-CONUS	5323
Ralph Auman	ISEC-CONUS	5004
Major Delandro	HQ USAG	4506
LTC Cashiola	SJA	5771
Rick Baker	CPO	5227
Bill Eldridge	DISA-RM	4282
LTC Gary Connel	DENTAC	5152
CPT Kathryn Clark	Health Clinic	4132
Steve Blizzard	PAO	5724
George M. Cobb	Commissary	4442
Jim Hepfer	CAG, DISA WESTHEM	5770
Art Callaham	CAG, DISA WESTHEM	5402
Deb Fitez	Protocol	5754
CPT Ken Condie	Health Clinic	4132
Charles Pearl	Garrison RM	4373
Stephen Fox	1108th	4910

# DRAFT

## BASE VISIT REPORT

FORT RITCHIE, MARYLAND

MARCH 24, 1995

**LEAD COMMISSIONER** : Mr. Al Cornella

**ACCOMPANYING COMMISSIONER**: None

### **COMMISSION STAFF:**

David Lyles, Staff Director  
Ed Brown, Army Team Chief  
Rick Brown, Army Team Analyst

### **LIST OF ATTENDEES:**

#### Congressional Delegation

Senator Paul Sarbanes  
Senator Barbara Mikulski  
Congressman Roscoe Bartlett

#### State Delegation

Lieutenant Governor Kathleen Kennedy Townsend  
State Assistant Adjutant General - Brigadier General Thomas Baker, Army National Guard

#### Department of the Army

LTC Dave Powell, Total Army Basing Study (TABS)  
Ms. Theresa Persick, Office of Army Assistant Chief of Staff- <sup>Installation</sup> Information Management  
Mr. Jerry King, Army Information Systems Command-Base Realignment and Closure

#### Fort Ritchie

Brigadier General Frederick Essig, Deputy Director Defense Information Systems Agency -  
Western Hemisphere (DISA WESTHEM), & Commander, Fort Ritchie  
Mr. Art Callahan, DISA WESTHEM Command Actions Group  
Mr. Raymond Pirrello, Technical Applications Office (TAO)  
Mr. Bob Brooks, 1108th Signal Brigade  
Mr. Glenn Sanders, Information Systems Engineering Command - CONUS  
Mr. Steve Blizzard, Public Affairs Office  
Major Dilandro, U. S. Army Garrison Fort Ritchie  
LTC Cashiola, Staff Judge Advocate Fort Ritchie

#### Community Representatives

Mr. Lonnie Knickmeier, Fort Ritchie Military Affairs Committee

# DRAFT

## **BASE'S PRESENT MISSION:**

Provides base operations and real property maintenance for the garrison installation, the Alternate National Military Command Center Facility Site R, satellite activities, and other tenants (including Camp David).

## **DOD RECOMMENDATION:**

Close Fort Ritchie. Relocate the 1111th Signal Battalion and 1108th Signal Brigade to Ft. Detrick, MD. Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ.

## **DOD'S JUSTIFICATION FOR ACTION:**

BASOPS for Defense Intelligence Agency and other National Military Command Center support elements will be transferred to nearby Fort Detrick, MD. Relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation. Installation closure and activity transfer will :

- maintain operational mission support to geographically unique Sites R and C (Alternate National Military Command Center) for the Joint Chiefs of Staff;
- capitalize on existing facilities at Site R and C to minimize construction;
- maintain an active use and continuous surveillance of Site R and Site C facilities to maintain readiness;
- collocate signal units that were previously separated at two different garrisons;
- consolidate major portion of Information Systems Engineering Command-CONUS with main headquarters of Information Systems Engineering Command to improve synergy of information system operations;
- provide a direct support East Coast Information Systems Engineering Command field element to respond to regional requirements.

## **MAIN FACILITIES REVIEWED:**

We conducted a driving tour of the installation. Fort Ritchie is a small rural installation set in the Cococtin Mountains on the Maryland / Pennsylvania border. Most of the buildings are 1930s vintage made of native stone. The installation headquarters, post exchange/commissary, fire station, computer training center and Technical Applications Office buildings are either relatively new (within past 5-6 years), or recently renovated. Installation family housing comprises approximately 340 sets of quarters over twenty years old. The computer training center houses a video teleconference (VTC) facility linked with the unclassified DOD network.

The DISA Regional Control Center provides integrated control of DISA's sixteen mega-center infrastructure, applications and data management. The center has fiber-optic and microwave connections that allow visibility over DOD's CONUS distributive communications data centers. They perform trend analysis and fault identification over CONUS management database links. The Regional Control Center will relocate if Fort Ritchie is closed.

## DRAFT

Site R is the Alternate National Military Command Center. Site C, operationally aligned with Site R, provides Site R with a mobile satellite terminal designed to provide jam-resistant, secure communications. Support to both sites will continue regardless of Fort Ritchie's status.

### KEY ISSUES IDENTIFIED:

DISA strength figures were not included in the cost analysis. During initial Army data calls DISA was not formally established, and Army anticipated its relocation under force structure rules. Consequently, DISA relocation was not costed. The same rationale was applied to the Regional Control Center; thus, its reconstitution was not costed. Net effect; underestimated personnel relocation, military construction, and family housing construction costs.

Critical support to Site R provided by Fort Ritchie garrison was not included in the relocation strength figures moved to Fort Detrick, MD. The garrison Unit Identification Code (UIC), with assigned personnel was eliminated in the detailed cost analysis. Site R's military police security organization and facility engineer functions are part of the garrison UIC. Effect was overestimating personnel relocation savings.

Savings from closing family housing at Fort Ritchie was apparently overstated by a factor of ten. The number of on-post family housing used in the cost model included unaccompanied barracks space. Thus, annual savings from terminating family housing was estimated at approximately \$23 million per year. Actual costs approach \$3 million per year.

A newly-completed National Guard Armory had escaped the data calls detailing Reserve Component property. The armory receives select base operations support from Fort Ritchie.

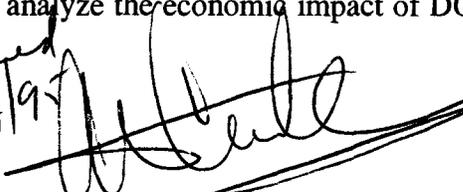
### COMMUNITY CONCERNS RAISED:

The community was represented by the Fort Ritchie Military Affairs Committee (FORMAC). They raised the issues listed above. The FORMAC also described a potential environmental concern for insufficient water at Fort Huachuca, AZ. The committee further noted increased operational costs to relocated units serving their East Coast customers. Lastly, they highlighted the economic impact on the local area that will result from base closure.

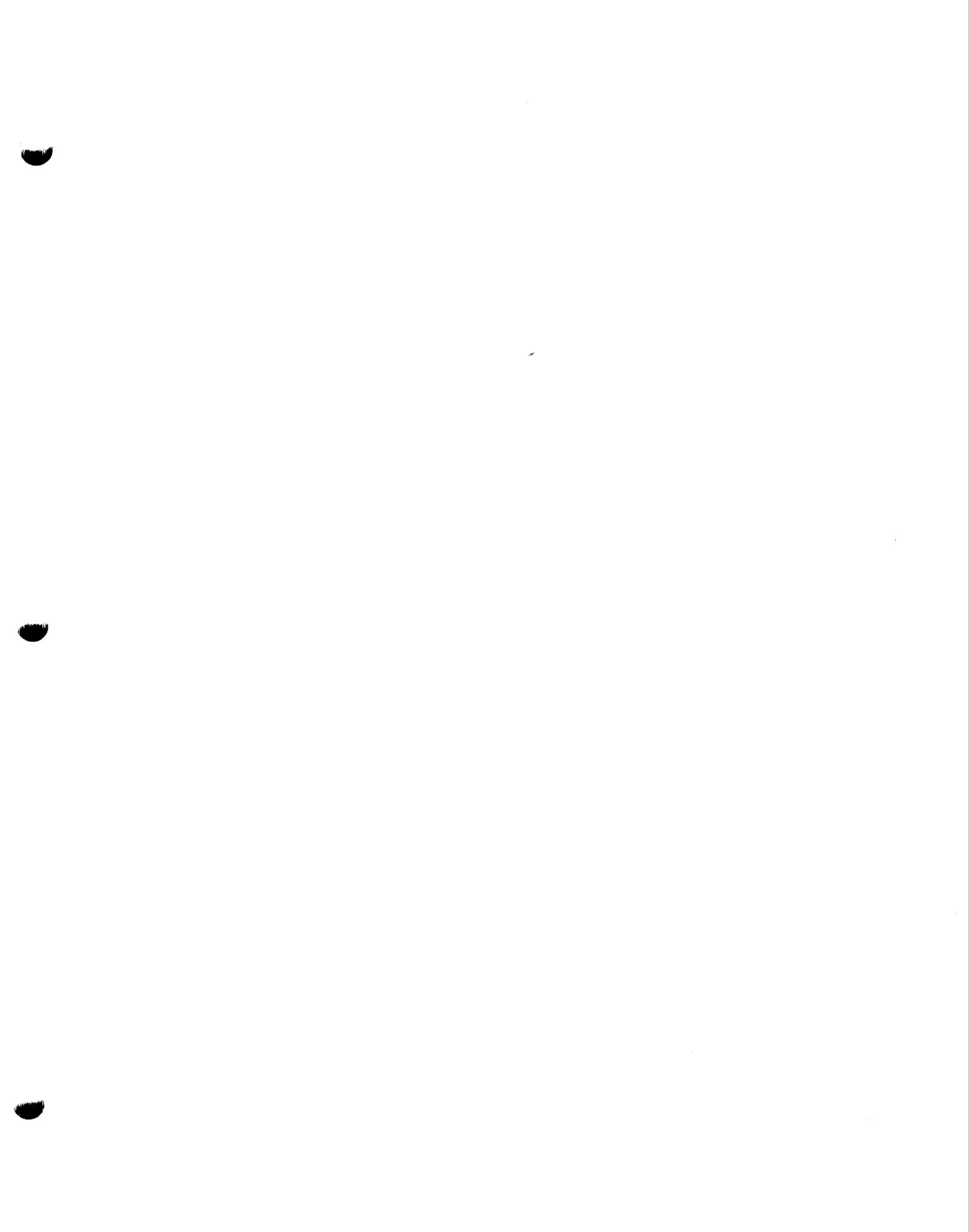
### REQUESTS FOR STAFF AS A RESULT OF VISIT:

- Pursue resolution of the apparent cost estimate inaccuracies with Army (TABS).
- Query DOD on their acceptance of degraded reaction time to Site R from Fort Detrick (security force reaction, fire-fighting back-up, and facility engineer trouble-shooting teams).
- Determine if presence of the National Guard Armory will require modification to the DOD recommendation in order for it to continue after Commission action.
- Work with FORMAC representatives on the specifics of their concerns.
- Follow-up the staff request for data on Fort Ritchie civilian employees by zipcode to properly analyze the economic impact of DOD's closure recommendation.

agreed  
2/4/95



Rick Brown/Army Team/ (703) 696-0504 ext 197



## REGIONAL HEARING ISSUE SUMMARY

### FORT RITCHIE, MD

BALTIMORE, MD / MAY 4, 1995

- Issue # 1: Fort Ritchie provides critical support to the Alternate Joint Command and Control Site R. Relocation of this support to Fort Detrick, MD, unacceptably degrades response time to Site R.
- Issue # 2: The DoD recommendation to close Fort Ritchie misses an opportunity to achieve efficiencies and synergy by consolidating all Defense Information Systems Agency - Western Hemisphere (DISA-WESTHEM) elements at Fort Ritchie.
- Issue # 3: The primary customer base of Fort Ritchie tenants resides in the National Capital Region. Relocation of some tenants to Fort Huachuca, AZ, will result in increased operating costs not captured in the recommendation's cost estimates.
- Issue # 4: Cost estimates are fatally flawed. Personnel strength figures and family housing operations were grossly erroneous. Personnel numbers ignored the installation's primary tenant (DISA-WESTHEM), and family housing operations costs were overstated by a factor of ten. Further, cost estimates failed to consider the requirement for continued on-site garrison activities at Site R.
- Issue # 5: The DoD recommendation ignores the environmental issue of water shortage at Fort Huachuca, AZ. Existing shortage conditions will be exacerbated by relocating elements from Fort Ritchie to Fort Huachuca.
- Issue # 6: The impact of closing Fort Ritchie will be a severe economic blow to the surrounding Northern Maryland / Southern Pennsylvania area.



Enclosures:

Tab 1	Joint Cross Service Groups/Army
Tab 2	General Army Issues
Tab 3	Maneuver
Tab 4	Major Training Areas
Tab 5	Fort McClellan
Tab 6	Command, Control & Administration
Tab 7	Medical
Tab 8	Depots
Tab 9	Proving Grounds
Tab 10	Ammunition Storage
Tab 11	Ports
Tab 12	Environmental Impact
Tab 13	Leases
Tab 14	Costs and Savings
Tab 15	Commodity
Tab 16	Questions from Rep. James V. Hansen, Utah
Tab 17	Questions from Senator Dale Bumpers, Arkansas
✓Tab 18	Questions from Rep. Roscoe Bartlett, Maryland
Tab 19	Questions from Rep. Glen Browder, Alabama
Tab 20	Questions from Rep. Jim Chapman, Texas
Tab 21	Questions from Senator John Warner, Virginia
Tab 22	Questions from Rep. Jerry F. Costello, Illinois
Tab 23	Questions from Senator Spencer Abraham, Michigan
Tab 24	Questions from Rep. Richard Gephardt, Missouri
✓Tab 25	Questions from Senators Paul S. Sarbanes and Barbara A. Mikulski and Reps. Roscoe G. Bartlett and Robert L. Ehrlick, Jr., Maryland
Tab 26	Questions from Rep. George W. Gekas, Pennsylvania
Tab 27	Questions from Senator Carl Levin, Michigan
Tab 28	Questions from Senators Christopher Dodd and Joseph I. Lieberman and Reps. Rosa Delauro and Christopher Shays, Connecticut

## QUESTIONS FROM REP. ROSCOE BARTLETT, MARYLAND

**1. What are the exact costs (and savings) associated with proposed relocating of the Information Systems Engineering Command (CONUS) from Fort Ritchie to Fort Huachuca, Arizona. At the present time, figures show that 73 percent of the important telecommunications responsibilities fulfilled by ISEC is performed on the east coast. I am deeply troubled by a proposed change of station for this high-tech unit and the increased expenditures tied to meeting its mission from the west. Tell me -- specifically -- upon what basis this particular move is justified and what savings will be realized as a result.**

The one time costs, which are predominantly Military Construction, are \$4.8 million. Recurring costs are \$1.0 million. Recurring savings (\$65 million) accrue from the discontinued operation and maintenance of Fort Ritchie and are not directly attributable to one of its many tenants, i.e. ISEC-CONUS. The Appropriations Detail Report of COBRA for Fort Huachuca, Arizona is attached. This report provides all the estimated costs (and savings) associated with the move of ISEC-CONUS to Fort Huachuca, Arizona.

Operationally, this change will: a) continue operational mission support to the National Military Command Center at Site R and C, b) collocate signal units at a single garrison, and c) consolidate Information Systems Engineering Command-CONUS elements with its parent headquarters while providing an East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison achieve 10% manpower savings through consolidation and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation.

Fiscally, this change of station will be at a one-time cost to the Army of \$92.8 million in order to save \$65 million annually, which will yield savings of \$712 million over the next 20 years.

**2. The Army's recommendations state that the National Military Command Center (referred to as Alternate Joint Communications Site R) will be able to maintain its operational support even with removal of those units from Fort Ritchie which currently has the task of supporting Site R. Given the unique and unpredictable geographic weather logistical demands of the region in which Site R and Fort Ritchie are located, how can a significant change in location for crucial support units be justified and still maintain the operational readiness of Site R in both peacetime and crisis?**

Support elements for the National Military Command Center will not be eliminated. Only the Fort Ritchie's garrison and associated activities will be eliminated. Relocation of support elements from Fort Ritchie to Fort Detrick is not a significant change in location (only 15-20 minutes further). The operational readiness of Site R will not be jeopardized.

**3. In my estimation, the missions of both the garrison (Fort Ritchie) and its tenants have become more demanding and exacting as a result of earlier BRAC action and increasing global tension and threats to our national security. The ability of the military to respond swiftly and adequately to crisis is clearly in jeopardy as a result of the recommendations in the Army's report. Please tell me, how our total force requirements will be met with relocations and closures (involving Fort Ritchie) contained in the Army's report to the Commission. I am unconvinced that the military value will be enhanced as a result of the changes suggested.**

The only organization being downsized at Fort Ritchie is the garrison and associated activities. The missions performed by tenant organizations of Fort Ritchie will continue, but from a different location, i. e. Fort Detrick and Fort Huachuca. The closure of Fort Ritchie will not have an adverse impact on national security.

**4. It is a fact that designated potential receiving locations are not prepared to house and accommodate incoming units. Of primary concern to the Army in its criteria for site selection is the ability of existing and receiving locations to mobilize units, manpower and operations to meet any contingency. Fort Ritchie has historically proven that its mission is unique and that it can meet the Army's requirements at minimal cost. What benefits can you cite which justify relocating unit's from Fort Ritchie to sites which are not prepared to accept them?**

The plan for closing Fort Ritchie includes preparation of Fort Detrick, Maryland and Fort Huachuca, Arizona to accommodate incoming units via increased garrison staffing and Military Construction. The mission of selected units assigned to Fort Ritchie is geographically unique in that they support the National Military Command Center at Site R and C. These units will continue to support Site R and C from Fort Detrick.

Fort Detrick, Maryland is closer and more accessible to the National Capital Region and other East Coast information systems customers of the ISEC-CONUS engineering and installation capability.

The operational benefits of this plan, in addition to continuing operational mission support to the National Military Command Center at Site R and C, include collocation of signal units at a single garrison, and consolidation of Information Systems Engineering Command-CONUS elements with its parent headquarters while providing an East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison and avoid significant costs associated with the continued operation and maintenance of support facilities at a small installation.

This plan would yield \$65 million in annual savings, which would result in \$712 million in savings over the next 20 years.

**5. The U. S. Army has recently invested nearly \$2 million in the construction of an armory at Fort Ritchie. In addition, \$2.6 million has been invested in the construction of a new post exchange at Fort Ritchie. Construction of a newly-dedicated commissary at the post will total \$4.6 million. The post fire station will cost \$1.6 million and the restoration of the Fort's lake, dam and spillway will cost taxpayers \$3.7 million. The Army's efforts to economically justify closing Fort Ritchie does not measure up to the reality of the investments made to keep the base in operation. The investments made in the facility make Fort Ritchie more likely to meet the Army's goals, not less. I assume that the Army's expenditures of millions of dollars of public funds for capital improvements at Fort Ritchie were made to keep the post open and in operation. Please assure me that such is the case and intent.**

Sunk costs are not part of the Secretary of Defense's Selection Criteria for considering a base closure or realignment. Although not credited in the Cost of Base Realignment Action model, the unexecuted contracts for the post fire station and the Fort's lake, dam and spillway may save the taxpayer a portion of the \$5.3 million budgeted since these projects may no longer be necessary and are therefore a cost avoidance.

**6. In accordance with the jointness criteria, Fort Ritchie now hosts a joint organization (DISA). Was that important factor considered as part of the Army's evaluation?**

In accordance with Secretary of Defense guidance, the Army considered all alternatives for cross-servicing presented by the Joint Cross-Service Groups chartered by the Secretary of Defense. None of their alternatives affected Fort Ritchie. The Army took reasonable steps to capture estimated relocation costs of tenant Defense Agencies and other Services, such as DISA, to other locations to be determined by the the owning department.

At the time that the Army developed its recommendations on closure of Fort Ritchie, DISA was an organization that would drawdown from 182 personnel in FY96 to 13 personnel in FY98. The cross-service capabilities of this 13 member organization were not considered significant.

**7. Did the Army ever consider the conversion of 1111th Signal Battalion and the MPs to civilians spaces to avoid excessive construction costs for support facilities (i.e. housing, dining) at Fort Detrick?**

No serious consideration has been given to the civilianization of the 1111th Signal Battalion. The battalion provides a rotational base for high tech soldiers. The Military Police organization is a Table of Distribution and Allowance unit and considered part of the garrison activity. Conversion of this organization to civilian spaces can be considered during the implementation planning phase.

**8. Was any consideration given to contracting out or having civilian security systems replace Fort Ritchie MPs. This would save transportation costs from Fort Detrick to Site R.**

In past years, contracting out the security systems at Fort Ritchie has been considered. However, Army regulations require military personnel for this type facility. Since this facility supports DOD, any effort to contract security for Site R would require an Army policy change.

The proposed alternative of contracting out or having civilian security systems replace Fort Ritchie Military Police to save transportation costs was not included. Greater savings accrue from the elimination of Fort Ritchie's garrison. The cost of transportation from Fort Detrick to Site R, estimated to be \$100 thousand, is not a driving factor in this plan. All cost savings suggestions can be further developed during the implementation phase of BRAC 95.

**9. Was consideration given to realigning the organizations based at Fort Ritchie to other locations closer to Fort Ritchie -- such as ISEC to Letterkenny Army Depot or TAO (sic) to site R, or moving the 1108th Signal Brigade to Site R? Such a realignment could meet both the Army's goals, utilize Fort Ritchie's assets and save expenses.**

Site R is an operational site of the Joint Chiefs of Staff. Space within the site is limited and managed by the Joint Chiefs of Staff.

The Technical Applications Office's senior staff organization, the Technical Coordination Office (TCO), is located at Fort Huachuca, Arizona. Collocation of the TACO with TCO at Fort Huachuca will have synergistic results.

Moving ISEC-CONUS to Letterkenny AD was not considered an effective nor economical relocation.

**10. What consideration has been given to realigning Fort Ritchie (i. e. the garrison) to become a subpost of Fort Meade?**

The major command, Military District of Washington, is currently studying realignment of Fort Ritchie as a sub-installation of Fort Meade.

**11. What consideration was given to using Fort Ritchie to support DISA Headquarters, thereby meeting DISA goals, consolidating resources and getting personnel out of leased facilities? This action would be consistent with future total force requirements.**

Tenant unit missions are carefully considered in the development of base closure scenarios. Normally, only geographically unique missions will tie an organization to a

particular base. However, the nature of DISA's mission may limit the possible sites from which it may operate to a general region, e.g. the National Capital Region. As a general rule, DOD policy is to move from leased space to government owned facilities if more economical. The Army has found that not all lease terminations are economical, and further, the factors which drive high military value (thus retention), are large installations with multiple missions, rather than small single-mission installations. The Army can no longer afford to operate and maintain its bases with a single tenant. DISA must determine the best relocation destination based upon its goals and mission requirements.

**12. What consideration has been given to Fort Ritchie being assigned to GSA and the property subsequently being leased back to the current tenants?**

The Army plans to close Fort Ritchie. Disposal of this property will follow the normal real property procedures which allows other Department of Defense agencies to acquire property to support their mission requirements. Reuse of excess property will be developed during the BRAC implementation process.

**13. Did the Army coordinate -- to any degree whatsoever -- with DISA to determine the cost of moving the Network Management Center?**

Army coordinated directly with DISA to determine the details of their potential formation/activation at Fort Ritchie. Standard model costs were used in estimating the move of the DISA element to a location to be determined. Specific details on all aspects of the potential action concerning DISA were not available. However, the moving cost to relocate circuits, power, air conditioning and computers for the Regional Network Control Center was estimated to be \$4 million. Relocation of the Network Management Center is not considered an unusually complex move. Since the formation/activation of DISA-Western Hemisphere at Fort Ritchie had not been approved at the time of the analysis, these costs were not included in the Cost of Base Realignment Actions (COBRA) model.

**14. With regard to environmental concerns: was consideration given to significant impact of additional personnel on Fort Huachuca's water supply system (which is critically short).**

Yes. The Army assessed the environmental impacts on all installations that are affected by BRAC 95. There is no significant impact upon the water supply at Fort Huachuca, Arizona.

**QUESTIONS FROM SENATORS PAUL S. SARBANES AND  
BARARA A. MIKULSKI AND REPS. ROSCOE G. BARTLETT AND  
ROBERT L. EHRLICH, JR., MARYLAND**

**1. How were the cross-service capabilities of the Defense Information Systems Agency's Command assessed as part of the Army's evaluation and final decision to recommend Ft. Ritchie for closure?**

The cross-service capabilities of the Defense Information Systems Agency's (DISA) Command elements at Fort Ritchie were not assessed as part of the Army's evaluation and final decision to recommend Fort Ritchie for closure. The BRAC 95 process seeks to achieve the right balance between the tenant organizations requirements and the base infrastructure assets by closing or realigning the base (and its supporting infrastructure) not by assessing the capabilities of the tenant organizations. The final decision to close Fort Ritchie was based upon assessment of military value of the base and its ability to deliver cost effective support.

When the Army developed its recommendation to close Fort Ritchie, DISA was planning a drawdown from 182 personnel in FY96 to 13 personnel in FY98. DISA will identify their alternate destination during the implementation phase of BRAC 95.

**2. Did the Army coordinate directly with DISA to determine the cost of moving the Network Management Center?**

Army coordinated directly with DISA to determine the details of their potential formation/activation at Fort Ritchie. The standard cost model was used in estimating the move of the DISA element to a location to be determined. Specific details on all aspects of the potential action concerning DISA were not available. However, the moving cost to relocate circuits, power, air conditioning and computers for the Regional Network Control Center was estimated to be \$4 million. Since the formation/activation of DISA-Western Hemisphere at Fort Ritchie had not been approved at the time of the analysis, these costs were not included in the Cost of Base Realignment Actions (COBRA) model.

**3. Did the DOD take into account Fort Huachuca's critical water shortage as part of its recommendation to send a significant number of additional personnel there?**

Yes. The Army assessed the environmental impacts of all installations affected by BRAC 95. There is no significant impact upon the water supply at Fort Huachuca, Arizona.

**4. How were the additional costs of having the Information Systems Engineering Command (CONUS) service East Coast clients factored into the long-term cost of the proposal to move these functions to Fort Huachuca?**

The Cost of Base Realignment Actions model combines all costs associated with recommendation. For Fort Huachuca, the one-time costs, which are predominantly

Military Construction, are \$4.8 million. Recurring costs are \$1.0 million. Recurring savings (\$65 million) accrue from the operation and maintenance of Fort Ritchie and are not directly attributable to one its many tenants, i.e. ISEC-CONUS. The Appropriations Detail Report of COBRA for Fort Huachuca, Arizona is attached. This report provides all the estimated costs (and savings) associated with the move of ISEC-CONUS to Fort Huachuca, Arizona.

**5. Has any consideration been given to assigning Fort Ritchie to GSA so that the property could subsequently be leased back to current tenants or to an expanded DISA presence?**

The Army plans to close Fort Ritchie. Transfer of Fort Ritchie to GSA is a reuse of federal property issue which can be developed during the implementation planning phase of BRAC 95. Disposal of this property will follow the normal federal real property screening process which allows other Department of Defense agencies to acquire property to support their mission requirements.

**6. What consideration was given to the Defense Information System Agency's current use of Ft. Ritchie, cost of relocating, and to their potential for locating their Western Hemisphere headquarters at this site?**

When the Army developed its recommendation to close Fort Ritchie, DISA was planning a drawdown from 182 personnel in FY96 to 13 personnel in FY98. The Army coordinated directly with DISA to determine the details of their potential formation/activation at Fort Ritchie. A standard cost model was used in estimating the move of the DISA element to a location to be determined. Specific details on all aspects of the potential action concerning DISA were not available; however, the cost to relocate circuits, power, air conditioning and computers for the Regional Network Control Center was estimated to be \$4 million. Since the formation/activation of DISA-Western Hemisphere at Fort Ritchie had not been approved at the time of the analysis, these costs were not included in the Cost of Base Realignment Actions (COBRA) model.

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----							
CONSTRUCTION			0	0	0	0	4,602
MILCON	418	4,183	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M					0	0	0
CIV SALARY			0	0	0	0	0
Civ RIFs	0	0	0	0	0	0	0
Civ Retire						0	0
CIV MOVING			0	0	0	0	0
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
PPS	0	0	0	0	0	0	0
RITA					0	0	0
FREIGHT			0	0	0	0	0
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment						0	0
OTHER			0	0	0	0	66
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	66	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move						0	0
MIL PERSONNEL					0	0	0
MIL MOVING			0	0	0	0	0
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	0	0	0	0	0	0	0
Elim PCS						0	0
OTHER			0	0	0	0	101
NAP / RSE	0	0	0	0	0	0	0
Environmental	0	101	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	66	0	0	0	4,769
TOTAL ONE-TIME	418	4,284	66	0	0	0	

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----							
CONSTRUCTION							4,602
MILCON	418	4,183	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							0
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
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	66	0	0	0	66
New Hires	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							
Elia PCS	0	0	0	0	0	0	0
OTHER							
MAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	101
Info Manage	0	101	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	418	4,284	66	0	0	0	4,769

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ								
RECURRING COSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	20	20	20	20	79	20
BOS	0	0	609	609	609	609	2,436	609
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	384	384	384	384	1,537	384
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	629	629	629	629	4,052	1,013
<b>TOTAL COSTS</b>	<b>418</b>	<b>4,284</b>	<b>1,079</b>	<b>1,013</b>	<b>1,013</b>	<b>1,013</b>	<b>8,821</b>	<b>1,013</b>
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
Land Sales	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0	0
RECURRING SAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ. Salary	0	0	0	0	0	0	0	0
CHAMPUS	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
<b>TOTAL SAVINGS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	----	----
<b>CONSTRUCTION</b>								
MILCON	418	4,183	0	0	0	0	4,602	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Other	0	0	66	0	0	0	66	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	101	0	0	0	0	101	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>418</b>	<b>4,284</b>	<b>66</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,769</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPWA	0	0	20	20	20	20	79	20
BOS	0	0	609	609	609	609	2,436	609
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPOS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	384	384	384	384	1,537	384
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>0</b>	<b>1,013</b>	<b>1,013</b>	<b>1,013</b>	<b>1,013</b>	<b>4,053</b>	<b>1,013</b>
<b>TOTAL NET COST</b>	<b>418</b>	<b>4,284</b>	<b>1,079</b>	<b>1,013</b>	<b>1,013</b>	<b>1,013</b>	<b>8,821</b>	<b>1,013</b>

March 23, 1995

MEMORANDUM FOR COMMISSIONER CORNELLA  
STAFF DIRECTOR LYLES

FROM RICK BROWN, ARMY TEAM

SUBJECT: Late Breaking Information on Fort Ritchie Visit

1. We can expect your visit to Fort Ritchie to be attended by Lieutenant Governor Kathleen Kennedy Townsend, Senators Sarbanes and Mikulski, Congressman Bartlett, and the Assistant State Adjutant General (Brigadier General Thomas Baker, Army National Guard).
2. Issues we are currently working in coordination with Fort Ritchie staff and the Total Army Basing Study (TABS) Office concern:
  - Accounting for DISA personnel in the cost estimates model. Costed scenario treated DISA as a force structure change; consequently personnel relocation was not costed.
  - Recomputing the number of personnel requiring relocation to Fort Detrick - the Site R Military Police security company was incorrectly eliminated in the original cost estimate.
  - Recomputing the cost savings from shutting down Fort Ritchie military housing. An incorrect number of existing quarters was used in the Army model - significantly overstating family housing savings.
  - A need for the DOD recommendation to allow enclaving a new Army National Guard facility on Fort Ritchie that was not considered in the inventory of installation buildings.
3. Fort Ritchie requested you be alerted to expect "rallies of community support" both enroute to Fort Ritchie, at your arrival, and during the press availability.
4. The press availability is scheduled outside at the completion of your visit. Arrangement has been made to sound of Retreat to mark the official end of your visit (and to terminate the press availability when you get tired of questions). Fort Ritchie will brief you on the particulars tomorrow.

Respectfully,

  
RICK BROWN  
Army Analyst

## **FT. RITCHIE BASE VISIT**

1. BASE SUMMARY SHEET
2. SECRETARY OF DEFENSE RECOMMENDATION
3. INSTALLATION CATEGORIES
4. INSTALLATION REVIEW  
STATE MAP - DOD INSTALLATIONS AND STATISTICAL DATA  
STATE CLOSURE HISTORY
5. ADDITIONAL INFORMATION

**COMMISSION BASE VISITS  
LETTERKENNY, PA . ARMY DEPOT  
FT. RITCHIE, MD  
March 24, 1995**

**COMMISSIONER ATTENDING:**

**Alton Cornella**

**STAFF ATTENDING:**

**David Lyles**

**Glenn Knoepfle (Letterkenny)**

**Ed Brown (Ft Ritchie)**

**Rick Brown (Ft. Ritchie)**

**ITINERARY**

**Thursday, March 23**

7:00AM Glen Knoepfle departs Riva, MD.,(residence) en route Letterkenny, PA.

9:00AM Glen Knoepfle arrives Letterkenny, PA.

9:00AM to 5:00PM Glen Knoepfle advances Letterkenney, PA.

**RON: Howard Johnson Hotel  
Chambersburg, PA  
717-263-9191**

**Friday, March 24**

6:30AM David Lyles picks up Al Cornella at residence, drive to Letterkenny, PA.

6:30AM Rick Brown picks up rental car. Alamo Conf.# 4170608  
Rick Brown and Ed Brown depart Washington, DC en route Ft. Ritchie, MD.

8:00AM Al Cornella and David Lyles arrive Letterkenny, PA.

8:00AM Ed Brown and Rick Brown arrive Ft Ritchie, MD.

12:51 PM3/23/95

**8:00AM to**     **Working breakfast and Letterkenny Depot Visit.**

**12:00PM**     Al Cornella  
David Lyles  
Glen Knoepfle

**Contact:**     **Colonel Jim Fairall**

**Phone:**        **217-267-8300**

8:00AM to     Ed Brown and Rick Brown advance Ft. Ritchie, MD.  
12:00PM

12:00PM     Al Cornella and David Lyles depart Letterkenny, PA en route Ft. Ritchie, MD.  
They will be escorted from Letterkenny by Ft. Ritchie personnel.

1:00PM        Al Cornella and David Lyles arrive Ft. Ritchie, MD.

**1:00PM to**     **Working lunch and Ft. Ritchie base visit.**

**5:00PM**        Commissioner Cornella  
David Lyles  
Ed Brown  
Rick Brown

**Contact:**     **Colonel Walt Jones**

**Phone:**        **301-878-5666**

3:00PM        Glen Knoepfle departs Letterkenny, PA en route Riva, MD. (residence)

5:00PM        Al Cornella and David Lyles depart Ft. Ritchie, MD en route Arlington, VA.

5:00PM        Ed Brown and Rick Brown depart Ft. Ritchie, MD en route Washington, DC.

5:00PM        Glen Knoepfle arrives Riva, MD. (residence)

6:30PM        Al Cornella and David Lyles arrive at Cornella's residence.

6:30PM        Ed Brown and Rick Brown arrive Washington, DC.  
Rick Brown returns car.

# DRAFT

## DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

### SUMMARY SHEET

#### FORT RITCHIE

#### INSTALLATION MISSION

Provides base operations and real property maintenance for the garrison installation, the National Military Command Center Facility Site R, satellite activities, and other tenants (including Camp David).

#### DOD RECOMMENDATION

- Close Fort Ritchie.
- Relocate the 1111th Signal Battalion and 1108th Signal Brigade to Ft. Detrick, MD.
- Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ.

#### DOD JUSTIFICATION

BASOPS for Defense Intelligence Agency and other National Military Command Center support elements will be transferred to nearby Fort Detrick, MD. Relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation. Installation closure and activity transfer will :

- maintain operational mission support to geographically unique Sites R and C (National Military Command Center) for the Joint Chiefs of Staff;
- capitalize on existing facilities at Site R and C to minimize construction;
- maintain an active use and continuous surveillance of Site R and Site C facilities to maintain readiness;
- collocate signal units that were previously separated at two different garrisons;
- consolidate major portion of Information Systems Engineering Command-CONUS with main headquarters of Information Systems Engineering Command to improve synergy of information system operations;
- provide a direct support East Coast Information Systems Engineering Command field to respond to regional requirements.

#### COST CONSIDERATIONS DEVELOPED BY DOD

- |                                      |                  |
|--------------------------------------|------------------|
| • One-Time Cost:                     | \$ 92.82 million |
| • Net Savings During Implementation: | \$ 82.95 million |
| • Annual Recurring Savings:          | \$ 65.05 million |
| • Return on Investment Year:         | 1 year           |
| • Net Present Value Over 20 Years:   | \$712.14 million |

# DRAFT

## MANPOWER IMPLICATIONS OF THIS RECOMMENDATION (EXCLUDES CONTRACTORS)

	<u>Military</u>	<u>Civilian</u>	<u>Students</u>
<b>Baseline</b>	<b>1,030</b>	<b>1,027</b>	<b>0</b>
Reductions	297	271	0
Realignments	714	607	0
Total	1,011	878	0
(Force Structure Change)	(19)	(149)	(0)

## MANPOWER IMPLICATIONS OF ALL RECOMMENDATIONS AFFECTING THIS INSTALLATION (INCLUDES ON-BASE CONTRACTORS AND STUDENTS)

	Out		In		Net Gain (Loss)	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
	1,011	1,333	0	0	(1,011)	(1,333)

## ENVIRONMENTAL CONSIDERATIONS

- Sixteen acres are wetlands.
- Sixty-four buildings have been identified eligible or placed on the National Historic Register.
- A threatened or endangered species survey is currently underway.
- The installation is in a non-attainment region for ozone (moderate).
- One Defense Environmental Restoration Account eligible contamination site exists. One Nuclear Regulatory Commission license is required for a Lead Detection Device.

## REPRESENTATION

Senators: Paul S. Sarbanes  
Barbara A. Mikulski  
Representative: Roscoe G. Bartlett  
Governor: Parris Glendening

## ECONOMIC IMPACT

- Potential Employment Loss: 3,210 jobs (2,344 direct and 866 indirect)
- Hagerstown PMSA Job Base: 67,031 jobs
- Percentage: 4.8 percent decrease
- Cumulative Economic Impact (1996-2001): 4.8 percent decrease

# DRAFT

## MILITARY ISSUES

- Installation supports National Military Command Facility and associated joint communications.
- U.S. Army National Guard Armory facility was not considered (inadvertently) in development of DOD recommendation. Text of Commission recommendation will need to provide for retaining Armory.

## COMMUNITY CONCERNS/ISSUES

- Cross-service synergy and requirements of the Defense Information Systems Agency were not properly assessed and considered in the decision. Result was military value was understated; costs underestimated and savings overstated.
- Construction costs and water shortage at Fort Huachuca, AZ were not adequately factored into the decision.

## ITEMS OF SPECIAL EMPHASIS

- None.

Rick Brown/Army Team/03/16/95 10:41 AM

# BRAC 95 ARMY INSTALLATION LIST

## MANEUVER

Fort Bragg, NC  
 Fort Campbell, KY  
 Fort Carson, CO  
 Fort Drum, NY  
 Fort Hood, TX  
 Fort Lewis, WA  
 Fort Richardson, AK  
 Fort Riley, KS  
 Fort Stewart, GA  
 Fort Wainwright, AK  
 Schofield Barracks, HI

## MAJOR TRAINING AREAS

Fort A. P. Hill, VA  
 Fort Chaffee, AR  
 Fort Dix, NJ  
 Fort Greely, AK  
 Fort Hunter-Liggett, CA  
 Fort Indiantown Gap, PA  
 Fort Irwin, CA  
 Fort McCoy, WI  
 Fort Pickett, VA  
 Fort Polk, LA

## PROFESSIONAL EDUCATION

Carlisle Barracks, PA  
 Fort Leavenworth, KS  
 Fort Lesley J. McNair, DC  
 West Point, NY

## TRAINING SCHOOLS

Fort Benning, GA  
 Fort Bliss, TX  
 Fort Eustis/Story, VA  
 Fort Gordon, GA  
 Fort Huachuca, AZ  
 Fort Jackson, SC  
 Fort Knox, KY  
 Fort Lee, VA  
 Fort Leonard Wood, MO  
 Fort McClellan, AL  
 Fort Rucker, AL  
 Fort Sam Houston, TX  
 Fort Sill, OK  
 Presidio of Monterey, CA

## COMMAND, CONTROL & ADMIN

Charles E. Kelley Support Facility, PA  
 Charles Melvin Price Support Center, IL  
 Fort Belvoir, VA  
 Fort Buchanan, PR  
 Fort Gillem, GA  
 Fort Hamilton, NY  
 Fort McPherson, GA  
 Fort Meade, MD  
 Fort Monroe, VA  
 Fort Myer, VA  
 Fort Ritchie, MD  
 Fort Shafter, HI  
 Fort Totten, NY  
 Presidio of San Francisco, CA  
 US Army Garrison, Selfridge, MI

## MEDICAL CENTERS

Fitzsimons Army Medical Center, CO  
 Tripler Army Medical Center, HI  
 Walter Reed Army Medical Center, DC

## AMMUNITION PRODUCTION

Holston Army Ammunition Plant, TN  
 Iowa Army Ammunition Plant, IA  
 Lake City Army Ammunition Plant, TX  
 Lone Star Army Ammunition Plant, OK  
 McAlester Army Ammunition Plant, TN  
 Milan Army Ammunition Plant, AR  
 Pine Bluff Arsenal, AR  
 Ratford Army Ammunition Plant, VA

## INDUSTRIAL FACILITIES

Detroit Army Tank Plant, MI  
 Lima Army Tank Plant, OH  
 Stratford Army Engine Plant, CT  
 Watervliet Arsenal, NY

## PORTS

Bayonne Military Ocean Terminal, NJ  
 Oakland Army Base, CA  
 Sunny Point Military Ocean Terminal, RC

## LEASES

Army Materiel Command, VA  
 Army Research Office, NC  
 Army Personnel Center, MO  
 Army Space Command, CO  
 Aviation-Troop Support Command, MO  
 Concepts Analysis Agency, MD  
 Information Systems Command, VA  
 JAG Agencies, VA  
 JAG School, Charlottesville, VA  
 Military Traffic Management Cmd, VA  
 National Ground Intelligence Center, VA  
 Operational T&E Command, VA  
 Personnel Command, VA  
 HQ, Space & Strategic Defense Cmd, VA  
 Space & Strategic Defense Cmd, AL

## COMMODITY

Army Research Laboratory, MD  
 Cold Regions Research Laboratories, HI  
 Detroit Arsenal, MI  
 Fort Detrick, MD  
 Fort Monmouth, HI  
 Natick RDEC, MA  
 Picatinny Arsenal, NJ  
 Redstone Arsenal, AL  
 Rock Island Arsenal, IL

## DEPOTS

Anniston Army Depot, AL  
 Corpus Christi Army Depot, TX  
 Letterkenny Army Depot, PA  
 Red River Army Depot, TX  
 Tobyhanna Army Depot, PA

## PROVING GROUNDS

Aberdeen Proving Ground, MD  
 Dugway Proving Ground, UT  
 White Sands Missile Range, NM  
 Yuma Proving Ground, AZ

## AMMUNITION STORAGE

Blue Grass Army Depot, KY  
 Hawthorne Army Depot, NV  
 Pueblo Army Depot, CO  
 Savannah Army Depot, IL  
 Seneca Army Depot, NY  
 Sierra Army Depot, CA  
 Tooele Army Depot, UT  
 Umatilla Army Depot Activity, OR

Defense Base Closure and Realignment Commission

**DEPARTMENT OF DEFENSE  
REPORT TO THE  
DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

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**VOLUME III**

**DEPARTMENT OF THE ARMY**

**ANALYSES**

**AND**

**RECOMMENDATIONS**

**MARCH 1995**

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## Fort Ritchie, MD

**1. Recommendation:** Close Fort Ritchie. Relocate the 1111th Signal Battalion and 1108th Signal Brigade to Fort Detrick, MD. Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ.

**2. Justification:** This recommendation assumes that base support for Defense Intelligence Agency and other National Military Command Center support elements will be provided by nearby Fort Detrick. Closing Fort Ritchie and transferring support elements of the National Military Command Center to Fort Detrick will: (a) maintain operational mission support to geographically unique Sites R and C (National Military Command Center) for the Joint Chiefs of Staff; (b) capitalize on existing facilities at Site R and C to minimize construction; (c) maintain an active use and continuous surveillance of Site R and Site C facilities to maintain readiness; (d) collocate signal units that were previously separated at two different garrisons; (e) consolidate major portion of Information Systems Engineering Command-CONUS with main headquarters of Information Systems Engineering Command to improve synergy of information system operations; and (f) provide a direct support East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation.

**3. Return on Investment:** The total one-time cost to implement this recommendation is \$93 million. The net of all costs and savings during the implementation period is a savings of \$83 million. Annual recurring savings after implementation are \$65 million with a return on investment expected in 1 year. The net present value of the costs and savings over 20 years is a savings of \$712 million.

**4. Impacts:** Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 3,210 jobs (2,344 direct jobs and 866 indirect jobs) over the 1996-to-2001 period in the Hagerstown, MD Primary Metropolitan Statistical Area, which represents 4.8 percent of the area's employment. There are no known environmental impediments at the closing or receiving installations.

**DEPARTMENT OF DEFENSE  
REPORT TO THE  
DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION**

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**VOLUME III**

**DEPARTMENT OF THE ARMY**

**ANALYSES**

**AND**

**RECOMMENDATIONS**

**MARCH 1995**

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# INSTALLATION REVIEW

## FORT RITCHIE, MARYLAND

### 1. BACKGROUND

**Location:** Fort Ritchie is located in Washington County, Maryland, on the Maryland/Pennsylvania state line, 70 miles northwest of Washington, D.C. The installation is included in the Hagerstown, Maryland, Metropolitan Statistical Area (MSA). Surrounding counties are Frederick (Maryland), and Adams and Franklin (Pennsylvania).

**History:** In 1926, land was purchased by the State of Maryland to establish the garrison as a training area with the Maryland National Guard; the camp was named Camp Albert C. Ritchie. The first permanent buildings were constructed from natural stone found in the area. In June 1942, Camp Ritchie was activated as a War Department Military Intelligence Training Center. Additional temporary buildings were erected and 20,000 intelligence troops were housed and trained at Camp Ritchie over a four-year period. In 1945, the Camp was inactivated and reinstated as a National Guard training station. In October 1952, Fort Ritchie was reactivated by the Department of the Army to provide essential support for the contingency operations of the Joint Chiefs of Staff at Site R. Today, Garrison Fort Ritchie also provides support to DoD and United States Army administrative command and control missions.

**Current Mission:** Provide base operations and real property maintenance for the Garrison Fort Ritchie installation, the National Military Command Center Facility at Site R, satellite activities, and other tenants, including Camp David, which utilize installation facilities. Fort Ritchie provides the sole base operations, real property maintenance, and security support for the underground Joint Communications Center (AJCC), and the National Military Command Center (NMCC) at Site R in support of the Joint Staff and Continuity of Operations Plan. The installation serves as host to 35 tenant activities and provides support to two satellite activities and five U.S. Army Reserve Centers in Maryland and West Virginia. Fort Ritchie is the sponsoring federal agency facilitator supporting the city of Hagerstown, Maryland, Cooperative Administrative Support Unit (CASU), in executing the initiative.

### 2. ENVIRONMENTAL

Fort Ritchie consists of 638 acres, of which 16 acres are wetlands. Sixty-four stone buildings have been identified as eligible for or are listed on the National Register of Historic Places. A threatened or endangered (TES) survey is currently underway.

Potable water sources are from surface water (20%) and eight ground wells (80%). The surface water treatment plant usage is 0.1 million gallons per day (MGD) with a capacity of 0.3 MGD, and

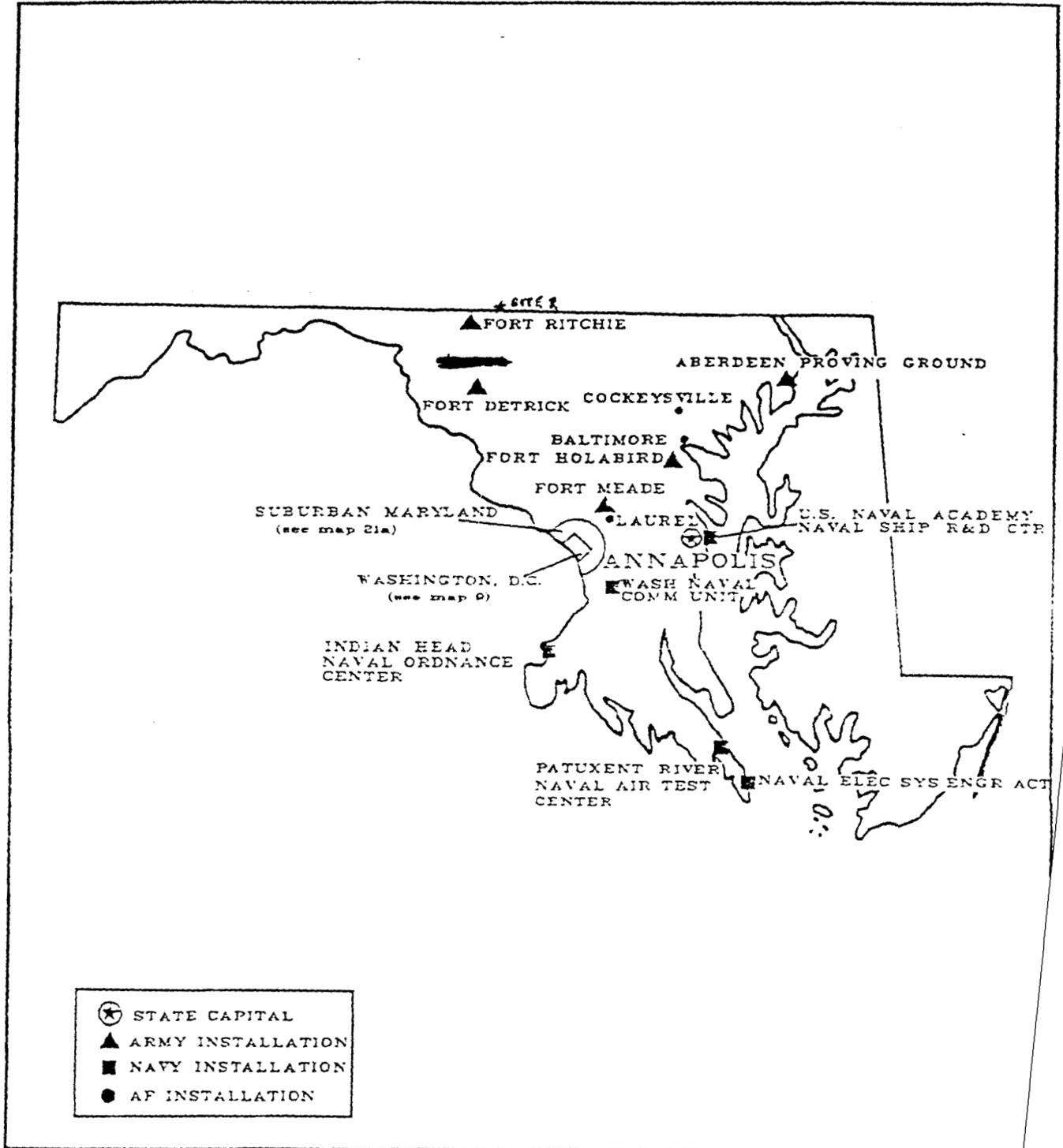
well source usage is 0.149 MGD with a pumping capacity of 0.39 MGD. Wastewater treatment usage is 0.25 MGD with a contract capacity of 0.7 MGD. Solid waste disposal is commercially contracted and there are no limitations on increasing the contract quantity.

The installation is in a non-attainment region for ozone (moderate). There is one Defense Environmental Restoration Account (DERA) eligible contaminated site (old artillery impact area). There is one Nuclear Regulatory Commission (NRC) license required for a Lead Detection Device, which is self contained.

Funded and unfunded compliance costs from FY 94 - FY 99 total \$7.82 M. Restoration costs are currently unknown.

# MAP NO. 21

## MARYLAND



Prepared By: Washington Headquarters Service  
Directorate for Information  
Operations and Reports

# MARYLAND

FISCAL YEAR 1994

(DOLLARS IN THOUSANDS)

Personnel/Expenditures	Total	Army	Navy & Marine Corps	Air Force	Other Defense Activities
I. Personnel - Total	106,776	48,872	35,333	16,267	6,304
Active Duty Military	31,811	10,690	14,747	6,374	0
Civilian	37,475	14,596	14,243	2,332	6,304
Reserve & National Guard	37,490	23,586	6,343	7,561	0
II. Expenditures - Total	\$7,564,066	\$2,151,755	\$3,370,224	\$1,357,963	\$684,124
A. Payroll Outlays - Total	3,307,925	1,243,390	1,312,077	506,581	245,877
Active Duty Military Pay	941,705	356,570	395,629	189,506	0
Civilian Pay	1,532,608	516,328	667,572	102,831	245,877
Reserve & National Guard Pay	129,195	77,188	21,741	30,266	0
Retired Military Pay	704,417	293,304	227,135	183,978	0
B. Prime Contracts Over \$25,000 Total	4,256,141	908,365	2,058,147	851,382	438,247
Supply and Equipment Contracts	1,084,747	170,163	377,672	431,457	105,455
RDT&E Contracts	\$13,546	100,959	660,055	124,558	27,964
Service Contracts	1,914,383	368,787	951,961	288,843	304,792
Construction Contracts	280,592	205,573	68,459	6,524	36
Civil Function Contracts	62,873	62,873	0	0	0

Major Locations of Expenditures	Expenditures			Major Locations of Personnel	Military and Civilian Personnel		
	Total	Payroll Outlays	Prime Contracts		Total	Active Duty Military	Civilian
Baltimore	\$705,004	\$108,566	\$598,438	Aberdeen Prov Grnd	11,829	4,278	7,611
Aberdeen Prov Grnd	653,060	416,778	246,281	Annapolis	8,180	5,575	2,605
Bethesda	658,555	289,336	367,221	Fort Meade	6,115	5,258	2,859
Laurel	460,619	14,843	445,776	Andrews AFB	1,601	1,721	2,140
Annapolis	409,948	233,664	176,084	Bethesda	8,757	4,306	2,449
Rockville	388,645	23,406	365,239	Patuxent River NATO	5,620	2,569	3,251
Patuxent River NATO	352,959	226,524	136,345	Indian Head	2,883	466	2,397
Fort Meade	350,041	298,601	51,440	Brookmont	2,573	0	2,565
Andrews AFB	347,035	279,344	67,691	Fort Detrick	1,199	924	1,274
Galthersburg	248,150	10,696	237,454	Baltimore	1,953	293	1,660

Prime Contracts Over \$25,000 (Prior Three Years)	Total	Army	Navy & Marine Corps	Air Force	Other Defense Activities
Fiscal Year 1993	\$3,992,356	\$697,516	\$1,875,179	\$1,060,292	\$359,367
Fiscal Year 1992	4,050,264	651,607	2,224,468	795,644	368,555
Fiscal Year 1991	4,126,541	753,129	1,801,705	1,162,852	410,855

Top Five Contractors Receiving the Largest Dollar Volume of Prime Contract Awards in this State	Total Amount	Major Area of Work	
		FSC or Service Code Description	Amount
1. WESTINGHOUSE ELECTRIC CORP	\$568,028	Radar Equipment, Airborne	\$246,729
2. JOHNS HOPKINS UNIVERSITY	442,291	RDT&E/Weapons-Engineering Development	440,293
3. TRACOR INC	195,662	Engineering Technical Services	76,267
4. INTERNATIONAL BUS MCHS CORP	187,095	Modification of Eq/Communication Equipment	125,606
5. MARTIN MARIETTA CORPORATION	151,637	Launchers, Guided Missile	80,126
Total of Above	\$1,547,903	(35.4% of total awards over \$25,000)	

Prepared by: Washington Headquarters Services  
 Directorate for Information  
 Operations and Reports

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## CLOSURE HISTORY - INSTALLATIONS IN MARYLAND

14-Mar-95

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SVC	INSTALLATION NAME	ACTION YEAR	ACTION SOURCE	ACTION STATUS	ACTION SUMMARY	ACTION DETAIL
A	ABERDEEN PROVING GROUND	88/91	DEFBRAC/DBCRC	ONGOING	REALGNUP	<p>1988 DEFBRAC: Close former NIKE site at the northwestern edge of the installation; completed FY 93; pending disposal</p> <p>1991 DBCRC: Army Research Institute MANPRINT function realigned from Alexandria, VA; completed FY 93</p> <p>6.1 and 6.2 materiel elements realigned from the Belvoir Research and Development Center, Fort Belvoir, VA; scheduled FY 93-95</p> <p>Army Materials Technology Laboratory (less structures element) realigned from Watertown, MA (Change to 1988 SECDEF Commission recommendation); scheduled FY 95</p>

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## CLOSURE HISTORY - INSTALLATIONS IN MARYLAND

14-Mar-95

SVC	INSTALLATION NAME	ACTION YEAR	ACTION SOURCE	ACTION STATUS	ACTION SUMMARY	ACTION DETAIL
	ADELPHI LABORATORY CENTER	91	DBCRC	ONGOING	REALGNUP	<p>1991 DBCRC: Directed Energy and Sensors Basic and Applied Research element of the Center for Night Vision and Electro-Optics realigned from Fort Belvoir, VA; scheduled FY 97</p> <p>Electronic Technology Device Laboratory realigned from Fort Monmouth, NJ; scheduled FY 95</p> <p>Battlefield Environment Effects element of the Atmospheric Science Laboratory realigned from White Sands Missile Range, NM; scheduled FY 97</p> <p>Research Facility realigned from Harry Diamond Laboratories, Woodbridge, VA; completed FY 94</p> <p>Realign fuze development and production mission (armament related) to Picatinny Arsenal, NJ; completed FY 94</p> <p>Realign fuze development and production mission (missile related) to Redstone Arsenal, AL; completed FY 94</p>
	ARMY RESERVE CENTER, GAITHERSBURG	88	DEFBRAC	COMPLETE	CLOSE	<p>1988 DEFBRAC: Close; completed FY 92; pending disposal</p>

## CLOSURE HISTORY - INSTALLATIONS IN MARYLAND

14-Mar-95

SVC	INSTALLATION NAME	ACTION YEAR	ACTION SOURCE	ACTION STATUS	ACTION SUMMARY	ACTION DETAIL
	FORT DETRICK	88/91	DEFBRAC/DBCRC	ONGOING	REALGNDN	<p>1988 DEFBRAC:                      Letterman Army Institute of Research realigned from Presidio of San Francisco, CA (Changed to be disestablished by 1991 Defense Base Closure Commission)</p> <p>1991 DBCRC:                      Disestablish the U.S. Army Biomedical Research &amp; Development Laboratory; transfer medical materiel research mission to the U.S. Army Medical Materiel and Development Activity at Fort Detrick; collocate environmental and occupational toxicology research with the Armstrong Laboratory, Wright-Patterson AFB, OH; scheduled FY 92-96</p>
	FORT HOLABIRD	88	DEFBRAC	ONGOING	PART CLOSE	<p>1988 DEFBRAC:                      Close that portion occupied by, and realign, the Crime Records Center of the Criminal Investigation Command to Fort Belvoir, VA; scheduled FY 95</p>
	FORT MEADE	88/90/93	DEFBRAC/PR/DBCRC	ONGOING	PART CLOSE	<p>1988 DEFBRAC:                      Close the ranges, airfield and training areas (approximately 9,000 acres); 7,600 acres transferred to the Department of the Interior on 16 Oct 91 in accordance with the FY 91 National Defense Authorization Act; 500 additional acres transferred to the Department of the Interior in FY 93; remaining 900 acres to be disposed of by FY 95</p> <p>1990 PRESS:                      Inactivate Headquarters, 1st Region, Criminal Investigation Command; scheduled FY 93</p> <p>1993 DBCRC:                      Naval Security Group Command (including Secur Group Station and Security Group Detachment, Potomac) realigned from the National Capital Region; scheduled FY 96</p>

# CLOSURE HISTORY - INSTALLATIONS IN MARYLAND

14-Mar-95

SVC	INSTALLATION NAME	ACTION YEAR	ACTION SOURCE	ACTION STATUS	ACTION SUMMARY	ACTION DETAIL
AF	FORT RITCHIE ANDREWS AFB	90	PRESS	PROPOSED	REALGN	1990 Press Release indicated realignment. No specifics given.
D	MARTIN STATE AGS DMA HYDROGRAPHIC/TOPOGRAPHIC CENTER	88	DEFBRAC	ONGOING	REALGNUP	1988 DEFBRAC: Activities realigned from Defense Mapping Agency site in Herndon, VA; scheduled FY 95
N	D W TAYLOR NAV SHIP R&D CTR NAV ORDNANCE COMMAND INDIAN HEAD	91/93	DBCRC	ONGOING	REALIGNDN	1991 DBCRC: Recommended realignment as part of the Naval Surface Warfare Center, Combat & Weapons System Engineering and Industrial Base Directorate.  1993 DBCRC: Directed the disestablishment of the Sea Automated Data System Activity (SEAADS) and relocation (needed functions, personnel, equipment, and support) to NSWC Indian Head, MD.

## CLOSURE HISTORY - INSTALLATIONS IN MARYLAND

14-Mar-95

SVC	INSTALLATION NAME	ACTION YEAR	ACTION SOURCE	ACTION STATUS	ACTION SUMMARY	ACTION DETAIL
	NAV SURFACE WEAPONS CTR WHITE OAK	91/93	DBCRC	ONGOING	DISESTAB	<p>1991 DBCRC: Recommended realignment as part of the Naval Surface Warfare Center, Combat &amp; Weapons Systems R&amp;D Directorate.</p> <p>1993 DBCRC: Directed the disestablishment of the White Oak Detachment of the Naval Surface Warfare Center. Relocate its functions, personnel, equipment, and support to NSWC-Dahlgren, VA; NSWC-Indian Head, MD; NSWC-Dahlgren, VA; and Coastal Systems Station, Panama City, FL. Property and facilities will be retained for relocation of Naval Sea Systems (NAVSEA) Command.</p>
	NAVAL AIR TEST CTR, PAX RIVER					
	NAVAL COMM UNIT, WASHINGTON					
	NAVAL ELECTRONIC SYS ENGR ACT	93	DBCRC	ONGOING	CLOSE	<p>1993 DBCRC: Directed the closure of Naval Electronic Systems Engineering Activity (NESEA) St Inigoes, MD and relocation to NESEC Charleston, SC. The ATC/ACLS facility, the Aegis Radio Room Laboratory, Identify Friend or Foe, Light Airborne Multipurpose System (LAMPS), and special warfare joint program support are to remain at St. Inigoes but be transferred to Naval Air Systems Command.</p>
	NAVAL MEDICAL COMMAND-NCR					

## CLOSURE HISTORY - INSTALLATIONS IN MARYLAND

14 Mar-95

SVC	INSTALLATION NAME	ACTION YEAR	ACTION SOURCE	ACTION STATUS	ACTION SUMMARY	ACTION DETAIL
	NAVY RADIO TRANS FAC ANNAPOLIS	93	DBCRC	ONGOING	DISESTAB	1993 DBCRC: Directed the disestablishment of the NRTF Annapolis. The Navy will retain real property.
	NSWC CARDEROCK, ANNAPOLIS DET	93	DBCRC	CANCELLED	CLOSE	1993 DBCRC: Directed that the NSWC - Carderock, Annapolis Det remain open despite OSD's recommendation to close the detachment.
	US NAVAL ACADEMY					

# United States Senate

WASHINGTON, DC 20510

March 22, 1995

Mr. Alton Cornella  
Defense Base Closure and Realignment Commission  
1700 N. Moore Street  
Suite 1425  
Arlington, VA 22209

Dear Mr. Commissioner:

We have serious reservations about the Department of Defense's recommendation to close Fort Ritchie, Maryland. As you prepare for your visit to this post, we wanted to draw your attention to our concerns and to some of the specific items that will be highlighted for you on Friday.

The Fort Ritchie Military Affairs Committee (FORMAC), a citizens group that includes prominent local officials and business people as well as numerous civilian and military retirees from the Fort, has carefully reviewed the full spectrum of activities at the post. Their review provides clear evidence to us that the Army has not thoroughly considered the military value of these missions and activities, a realistic return on investment that could be expected, or the community impact of closure.

1) The military value of Fort Ritchie has been seriously understated. The proximity of the post to Site R, the Alternate Joint Military Command Center, and to the predominantly East Coast customer base of most of the tenants is critical for readiness and responsiveness. A few examples include:

- o Site R support activities. Site R is a vital backup component in case of international conflict or major disaster and Fort Ritchie provides critical support for this function, yet many of the post's contributions to the efficient and effective management of Site R have been overlooked. This includes important communications networks linked through Fort Ritchie, the significant under-counting of Fort Ritchie personnel assigned to Site R functions, concerns about safety including fire fighting capabilities, and the increased costs associated with remote support of the Site.
- o East Coast Customer Support by Ft. Ritchie tenants.

The technology and communications work provided by TAO, ISEC-CONUS, and DISA-Western Hemisphere primarily supports an East Coast Customer base. Relocating large portions of these missions to the western United States would have a detrimental impact on responsiveness and cost.

- o Synergy. The collocation of many of these activities at Fort Ritchie provides for unique horizontal integration and synergies. For example, information services designed by DISA-WESTHEM can be engineered by ISEC-CONUS.

2) Potential savings from closing Fort Ritchie are dramatically overstated. Some specific examples:

- o Underfunding Site R. Because the number of Fort Ritchie personnel assigned to Site R support was overlooked, the costs of reestablishing these activities is not accounted for. This includes an entire MP company, over 50 civilians assigned to the Garrison, and the cost of re-creating communications and other support services.
- o Increased Travel Costs. The Temporary Duty costs associated with performing East Coast customer support from a base in Arizona are not accounted for.
- o Accounting Errors. In a line-by-line review, FORMAC has found overstatements of millions of dollars per year in numerous items such as family housing.

3) The cumulative impact of closing Fort Ritchie and realigning Letterkenny Army Depot will be a serious blow to this region of Maryland and Pennsylvania.

- o Highly Motivated Work-force. The men and women at these sites are extraordinarily dedicated, and extremely effective. Many have invested a lifetime in service to our nation, and uprooting them over 2,400 families is neither cost-effective nor productive to the overall mission of our military.
- o Center of the Community. In a remote location in the mountains, Ft. Ritchie serves a vital role as a community hub. In addition, 7,000 military retirees from the surrounding area utilize Ft. Ritchie facilities.
- o And although the same can be said for many bases and

Commissioner Alton Cornella  
March 22, 1995  
Page 3

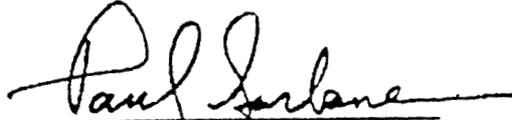
communities that find themselves under consideration during the current round of BRAC, this service and these impacts cannot be overlooked at Fort Ritchie.

While you are on Fort Ritchie, you will hear many more details about each of these concerns. You will have the opportunity to see in person the contributions that are made at Fort Ritchie by a talented and dedicated Work-force of military and civilians. We urge you to carefully review our concerns and the information that will be provided by employees and FORMAC during your visit, and we look forward to seeing you on Friday.

Sincerely,



Barbara A. Mikulski  
United States Senator



Paul S. Sarbanes  
United States Senator



Roscoe B. Bartlett  
Member of Congress

cc: All BRAC Commissioners

**DRAFT****QUESTIONS FROM REP. ROSCOE BARTLETT, MARYLAND**

1. What are the exact costs (and savings) associated with proposed relocating of the Information Systems Engineering Command (CONUS) from Fort Ritchie to Fort Huachuca, Arizona. At the present time, figures show that 73 percent of the important telecommunications responsibilities fulfilled by ISEC is performed on the east coast. I am deeply troubled by a proposed change of station for this high-tech unit and the increased expenditures tied to meeting its mission from the west. Tell me -- specifically -- upon what basis this particular move is justified and what savings will be realized as a result.

The one time costs, which are predominantly Military Construction, are \$4.8 million. Recurring costs are \$1.0 million. Recurring savings (\$65 million) accrue from the operation and maintenance of Fort Ritchie and are not directly attributable to one its many tenants, i. e. ISEC-CONUS. The Appropriations Detail Report of COBRA for Fort Huachuca, Arizona is attached. This report provides all the estimated costs (and savings) associated with the move of ISEC-CONUS to Fort Huachuca, Arizona.

Operationally, this change will: a) continue operational mission support to the National Military Command Center at Site R and C, b) collocate signal units at a single garrison, and c) consolidate Information Systems Engineering Command-CONUS elements with its parent headquarters while providing an East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison, gains a 10% manpower savings through consolidation and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation.

Fiscally, this change of station will cost the Army \$92.8 million one time in order to save \$65 million annually, which would save \$712 million over the next 20 years.

2. The Army's recommendations state that the National Military Command Center (referred to as Alternate Joint Communications Site R) will be able to maintain its operational support even with removal of those units from Fort Ritchie which currently has the task of supporting Site R. Given the unique and unpredictable geographic weather logistical demands of the region in which Site R and Fort Ritchie are located, how can a significant change in location for crucial support units be justified and still maintain the operational readiness of Site R in both peacetime and crisis?

Support elements for the National Military Command Center will not be eliminated. Only the Fort Ritchie's garrison and associated activities will be eliminated. Relocation of support elements from Fort Ritchie to Fort Detrick is not a significant change in location (only 15-20 minutes further). The operational readiness of Site R will not be jeopardized.

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3. In my estimation, the missions of both the garrison (Fort Ritchie) and its tenants have become more demanding and exacting as a result of earlier BRAC action and increasing global tension and threats to our national security. The ability of the military to respond swiftly and adequately to crisis is clearly in jeopardy as a result of the recommendations in the Army's report. Please tell me, Congressman Roscoe Bartlett, how our total force requirements will be met with relocations and closures (involving Fort Ritchie) contained in the Army's report to the Commission. I am unconvinced that the military value will be enhanced as a result of the changes suggested.

The only organization being downsized at Fort Ritchie is the garrison and associated activities. The missions performed by tenant organizations of Fort Ritchie will continue, but from a different location, i. e. Fort Detrick and Fort Huachuca. The closure of Fort Ritchie will not have an adverse impact on the world situation or national security.

4. It is a fact that designated potential receiving locations are not prepared to house and accommodate incoming units. Of primary concern to the Army in its criteria for site selection is the ability of existing and receiving locations to mobilize units, manpower and operations to meet any contingency. Fort Ritchie has historically proven that its mission is unique and that it can meet the Army's requirements at minimal cost. What benefits can you cite which justify relocating unit's from Fort Ritchie to sites which are not prepared to accept them?

The plan for closing Fort Ritchie includes preparation of Fort Detrick, Maryland and Fort Huachuca, Arizona to accommodate incoming units via increased garrison staffing and Military Construction. The mission of selected units assigned to Fort Ritchie is geographically unique in that they support the National Military Command Center at Site R and C. These units will continue to support Site R and C from Fort Detrick.

Fort Detrick, Maryland is closer and more accessible to the National Capital Region and other East Coast information systems customers of the ISEC-CONUS engineering and installation capability.

The operational benefits of this plan, in addition to continuing operational mission support to the National Military Command Center at Site R and C, include collocation of signal units at a single garrison, and consolidation of Information Systems Engineering Command-CONUS elements with its parent headquarters while providing an East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison and avoid significant costs associated with the continued operation and maintenance of support facilities at a small installation.

The fiscal benefits of this plan are the \$65 million annual savings, which would save \$712 million over the next 20 years.

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5. The U. S. Army has recently invested nearly \$2 million in the construction of an armory at Fort Ritchie. In addition, \$2.6 million has been invested in the construction of a new post exchange at fort Ritchie. Construction of a newly-dedicated commissary at the post will total \$4.6 million. The post fire station will cost \$1.6 million and the restoration of the Fort's lake, dam and spillway will cost taxpayers \$3.7 million. The Army's efforts to economically justify closing Fort Ritchie does not measure up to the reality of the investments made to keep the base in operation. The investments made in the facility make Fort Ritchie more likely to meet the Army's goals, not less. I assume that the Army's expenditures of millions of dollars of public funds for capital improvements at Fort Ritchie were made to keep the post open and in operation. Please assure me, Congressman Roscoe Bartlett, that such is the case and intent.

Sunk costs are not part of the Secretary of Defense's Selection Criteria for considering a base closure or realignment. Although not credited in the Cost of Base Realignment Action model, the unexecuted contracts for the post fire station and the Fort's lake, dam and spillway will actually save the taxpayer a portion of the \$5.3 million budgeted since these projects will no longer be necessary and are therefore a cost avoidance.

6. In accordance with the jointness criteria, Fort Ritchie now hosts a joint organization (DISA). Was that important factor considered as part of the Army's evaluation?

In accordance with Secretary of Defense guidance, the Army considered all alternatives for cross-servicing presented by the Joint Cross-Service Groups chartered by the Secretary of Defense. None of their alternatives affected Fort Ritchie. The Army took reasonable steps to capture estimated relocation costs of tenant Defense Agencies and other Services, such as DISA, to other locations to be determined by the the owning department.

At the time that Army developed its recommendations on closure of Fort Ritchie, DISA was an organization that would drawdown from 182 personnel in FY96 to 13 personnel in FY98. The cross-service capabilities of this 13 member organization were not considered significant.

7. Did the Army ever consider the conversion of 1111th Signal Battalion and the MPs to civilians spaces to avoid excessive construction costs for support facilities (i. e. housing, dining) at Fort Detrick?

No serious consideration has been given to the civilianization of the 1111th Signal Battalion. The battalion provides a rotational base for high tech soldiers. The Military Police organization is a Table of Distribution and Allowance unit and considered part of the garrison activity. Conversion of this organization to civilian spaces can be considered during the implementation planning phase.

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**8. Was any consideration given to contracting out or having civilian security systems replace Fort Ritchie MPs. This would save transportation costs from Fort Detrick to Site R.**

In past years, contracting out the security systems at Fort Ritchie has been considered. However, Army regulations require military personnel for this type facility. Since this facility supports DOD, any effort to contract security for Site R would require an Army policy change.

The proposed alternative of contracting out or having civilian security systems replace Fort Ritchie Military Police to save transportation costs was not included. Greater savings accrue from the elimination of Fort Ritchie's garrison and gaining the economy of scale of one larger garrison for a larger post than two garrisons for two posts. The cost of transportation from Fort Detrick to Site R, estimated to be \$100 thousand, is not a driving factor in this plan. All cost savings suggestions can be further developed during the implementation phase of BRAC 95.

**9. Was consideration given to realigning the organizations based at Fort Ritchie to other locations closer to Fort Ritchie — such as ISEC to Letterkenny Army Depot or TAO to site R, or moving the 1108th Signal Brigade to Site R? Such a realignment could meet both the Army's goals, utilize Fort Ritchie's assets and save expenses.**

Site R is an operational site of the Joint Chiefs of Staff. Space within the site is limited and managed by the Joint Chiefs of Staff.

The Technical Applications Office's senior staff organization, the Technical Coordination Office (TCO), is located at Fort Huachuca, Arizona. Collocation of the TACO with TCO at Fort Huachuca will have synergistic results.

Moving ISEC-CONUS to Letterkenny AD was not considered an effective nor economical relocation.

**10. What consideration has been given to realigning Fort Ritchie (i. e. the garrison) to become a subpost of Fort Meade?**

The major command, Military District of Washington, is currently studying realignment of Fort Ritchie as a sub-installation of Fort Meade.

**11. What consideration was given to using Fort Ritchie to support DISA Headquarters, thereby meeting DISA goals, consolidating resources and getting personnel out of leased facilities? This action would be consistent with future total force requirements.**

Tenant unit missions are carefully considered in the development of base closure scenarios. Normally, only geographically unique missions will tie an organization to a

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particular base. However, the nature of DISA's mission may limit the possible sites from which it may operate to a general region, e. g. the National Capital Region. As a general rule, DOD policy is to move from leased space to government owned facilities if more economical. The Army has found that not all lease terminations are economical, and further, the factors which drive high military value (thus retention), are large installations with multiple missions, rather than small single-mission installations. The Army can no longer afford, nor has any mission obligation, to operate and maintains bases with a single tenant. DISA must determine the best relocation destination based upon their goals and mission requirements.

**12. What consideration has been given to Fort Ritchie being assigned to GSA and the property subsequently being leased back to the current tenants?**

The Army plans to close Fort Ritchie. Disposal of this property will follow the normal real property procedures which allows other Department of Defense agencies to acquire property to support their mission requirements. Reuse of excess property will be developed during the BRAC implementation process.

**13. Did the Army coordinate -- to any degree whatsoever -- with DISA to determine the cost of moving the Network Management Center?**

Army coordinated directly with DISA to determine the details of their potential formation/activation at Fort Ritchie. Standard model costs were used in estimating the move of the DISA element to a location to be determined. Specific details on all aspects of the potential action concerning DISA were not available. However, the moving cost to relocate circuits, power, air conditioning and computers for the Regional Network Control Center was estimated to be \$4 million. Relocation of the Network Management Center is not considered an unusually complex move. Since the formation/activation of DISA-Western Hemisphere at Fort Ritchie had not been approved at the time of the analysis, these costs were not included in the Cost of Base Realignment Actions (COBRA) model.

**14. With regard to environmental concerns: was consideration given to significant impact of additional personnel on Fort Huachuca's water supply system (which is critically short).**

Yes. The Army assessed the environmental impacts of all installations affected by BRAC 95. There is no significant impact upon the water supply at Fort Huachuca, Arizona

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March 1, 1995, Wednesday, FINAL EDITION

SECTION: TELEGRAPH (NEWS), Pg. 1A

LENGTH: 1314 words

HEADLINE: Maryland may lose 5 bases, jobs

BYLINE: Gilert A. Lewthwaite, Washington Bureau of The Sun

BODY:

WASHINGTON -- The Pentagon announced plans to close or reorder operations at 146 military bases ass the nation yesterday, delivering a surprisingly harsh blow to Maryland, which faces the loss of five military installations.

The targeted facilities in Maryland are Fort Ritchie, in Cascade in Western Maryland; the Naval Surface Warfare Centers at Annapolis and White Oak; the Army Publications Distribution Center in Middle River; and the Naval Medical Research Institute in Bethesda.

Several Maryland installations would be expanded under the Defense Department plan, but the civilian work force on bases in the state would suffer a net loss of 1,211 jobs. Military employment would shrink by 481 slots. Hundreds more related jobs could be lost in communities surrounding the military allations.

The latest round of proposed base closures, announced by Defense Secretary William J. Perry, is meant to save \$ 18 billion over the next 20 years and reduce the surplus real estate controlled by the Pentagon in the wake of the 33 percent shrinkage in manpower since the end of the Cold War.

Savings from the changes, Mr. Perry said, would be earmarked for combat readiness and force modernization.

The Pentagon targeted 33 major bases for closure, including Fort McClellan, Ala.; Long Beach Naval Shipyard, Calif.; the Minuteman missile base at Grand Forks, N.D.; the Fitzsimons Army Medical Center, Colo.; the Naval Air Warfare Center, Meridian, Miss.; the Naval Air Warfare Center in Indianapolis; Rome Laboratories, in Rome, N.Y.; and Fort Indiantown Gap, Pa.

This was the fourth round of proposed base closures, and follows similar cutbacks in 1988, 1991 and 1993.

Mr. Perry said a fifth round might be necessary, but indicated that he doubted that Congress would have the political stomach to inflict yet more political and economic pain on communities near the bases.

Political battleground

The Pentagon's latest target list will be reviewed by the independent Base Realignment and Closure Commission, which will become a political battleground as local politicians and communities fight to save their bases. The commissio

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The Baltimore Sun, March 1, 1995

has the power to delete from or add bases to the list.

The panel has until July 1 to send its final recommendations to the president then Congress, who must either accept or reject the list in its entirety. It is to prevent last-minute political tinkering with the list.

#### Glendening response

Gov. Parris N. Glendening announced last night he had retained former Western Maryland Rep. Beverly B. Byron, who served on an earlier base closing commission, to coordinate Maryland's response.

"Every job in Maryland counts, whether it be military or civilian, and my administration will fight for each and every one," the governor said.

Sen. Paul S. Sarbanes, a Maryland Democrat, said he would call a meeting of the state's congressional delegation to try to reverse the Pentagon's proposed cuts in Maryland.

"I am hopeful," he said. "The commission is there, of course, for you to point out the weaknesses and fallacies in the rationale of the services [for closing the installations]. They are by no means perfect, and the commission in the past has modified, revised, or even completely reversed decisions."

As outlined by the Pentagon, here is the potential economic impact of the five proposed closures in Maryland:

\* Fort Ritchie, the Army's signal outpost in the Catoctin Mountains of western Maryland. The area stands to lose 2,344 jobs on the base and 866 related, off-base jobs. That represents 4.8 percent of the employment in the Hagerstown area. But the overall impact of the closure would be offset by the transfer of 936 of the jobs to nearby Fort Detrick.

The estimated annual savings for the Pentagon: \$ 65 million.

"It's a big whack," said Rep. Roscoe G. Bartlett, the 6th District Republican, of the proposed closing of Fort Ritchie. "They were not supposed to close bases where there would be an unwarranted economic impact. We feel we have some potent arguments we are going to make."

\* Naval Surface Warfare Center, White Oak, on the Montgomery-Prince George county line. Closure could cost 646 jobs, with 202 of them on the base and 444 indirectly serving the installation.

The real impact is that some 3,800 jobs that were to be created with the arrival later this year of the Naval Sea Systems Command, now located in Northern Virginia, would be redirected to the Washington Navy Yard.

This would be a major blow to efforts to revitalize the Silver Spring area.

Estimated annual savings: \$ 6 million.

\* Naval Surface Warfare Center, Annapolis. The projected loss over the next five years on and off the base is 1,512 jobs, the Pentagon said. Of these, 523 are civilian and military jobs directly tied to the center. The other 990 are

The Baltimore Sun, March 1, 1995

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The Baltimore Sun, March 1, 1995

indirectly dependent on it.

Partially offsetting the loss is the prospect that 19 of the civilian jobs one military slot would be transferred to the Naval Surface Warfare Center Carderock, in Montgomery County.

Estimated annual savings: \$ 14.5 million.

The Annapolis center was on the Pentagon's base closure list in 1993, but was removed by the commission after heavy lobbying from the Maryland congressional delegation.

"We made a very strong case in 1993," said Mr. Sarbanes. "We will be back again with the same arguments, which I think are very powerful."

\* Army Publications Distribution Center, at Middle River in Baltimore County. Its function will be transferred to a similar facility in St. Louis, Mo. The potential local job loss: 131 military and civilian jobs at the installation and 82 base-related jobs.

Estimated annual savings: \$ 3 million.

Rep. Robert L. Ehrlich Jr., the Republican who represents Middle River, called the Pentagon decision "wrong-headed and irrational, given the facility's long-standing history of superior and cost-effective service."

"This is a prime example of what is wrong with the government," he added, "and I intend to do my level best to stop it."

Naval Medical Research Institute, Bethesda. The Pentagon estimated that 226 jobs could be lost -- 91 military and 55 civilian dirtly on the base. But some of these would be transferred down the road to the Walter Reed Army Institute for Research, at Forest Glen, Md.

Estimated annual savings: \$ 9.5 million.

'A very serious blow'

"There's going to be a lot of unhappy Marylanders," said Sen. Barbara A. Mikulski, D-Md. "It is indeed a very serious blow to the Maryland economy."

Several Maryland installations would gain from the changes in military operations proposed yesterday.

Aberdeen Proving Ground would add 11 military slots and 99 civilian jobs as a chemical-biological research program was transferred from Dugway Proving Ground Utah. An additional nine civilian jobs would come from Fort Detrick.

At Fort Meade, the loss of 55 military and 74 civilian jobs due to the proposed conversion of the Kimbrough Army Community Hospital to a clinic, would be more than offset in terms of jobs by the transfer of the Army's Information Systems Software Command from Fairfax, Va., which would bring 141 military and 191 civilian slots to the base.

The Baltimore Sun, March 1, 1995

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Estimated annual savings: \$ 14.5 million.

The Annapolis center was on the Pentagon's base closure list in 1993, but was removed by the commission after heavy lobbying from the Maryland congressional delegation.

"We made a very strong case in 1993," said Mr. Sarbanes. "We will be back again with the same arguments, which I think are very powerful."

\* Army Publications Distribution Center, at Middle River in Baltimore County. Its function will be transferred to a similar facility in St. Louis, Mo. The potential local job loss: 131 military and civilian jobs at the installation and 82 base-related jobs.

Estimated annual savings: \$ 3 million.

Rep. Robert L. Ehrlich Jr., the Republican who represents Middle River, called the Pentagon decision "wrong-headed and irrational, given the facility's long-standing history of superior and cost-effective service."

"This is a prime example of what is wrong with the government," he added, "and I intend to do my level best to stop it."

Naval Medical Research Institute, Bethesda. The Pentagon estimated that 226 jobs could be lost -- 91 military and 55 civilian dirtly on the base. But some of these would be transferred down the road to the Walter Reed Army Institute for Research, at Forest Glen, Md.

Estimated annual savings: \$ 9.5 million.

'A very serious blow'

"There's going to be a lot of unhappy Marylanders," said Sen. Barbara A. Mikulski, D-Md. "It is indeed a very serious blow to the Maryland economy."

Several Maryland installations would gain from the changes in military operations proposed yesterday.

Aberdeen Proving Ground would add 11 military slots and 99 civilian jobs as chemical-biological research program was transferred from Dugway Proving Ground Utah. An additional nine civilian jobs would come from Fort Detrick.

At Fort Meade, the loss of 55 military and 74 civilian jobs due to the proposed conversion of the Kimbrough Army Community Hospital to a clinic, would be more than offset in terms of jobs by the transfer of the Army's Information Systems Software Command from Fairfax, Va., which would bring 141 military and 191 civilian slots to the base.

The Baltimore Sun, March 1, 1995

### Southern Maryland gains

In Southern Maryland, the Indian Head Naval Surface Warfare Center, which was considered vulnerable, survived intact. And the Naval Air Warfare Center at Pocomoke River stands to gain 716 slots, 649 civilian and 67 military.

Rep. Steny H. Hoyer, the Democrat who represents the district, said: "We have had a victory."

He pledged his support for efforts to save the threatened bases, but recalled that Maryland had picked up 5,000 jobs in the last round of closures in 1993.

"We are a little bit hoisted on our own petard," said Mr. Hoyer. "We did so well two years ago, it makes it harder to lose this time."

GRAPHIC: PHOTO, ASSOCIATED PRESS, Barbara Phipps, an 18-year employee of the naval shipyard in Long Beach, Calif., protests the possible closing of the base.; CHART, U.S. Department of Defense; JEF DAUBER/SUN STAFF GRAPHIC, MAJOR U.S. BASES AFFECTED

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The Baltimore Sun

March 2, 1995, Thursday, HOWARD EDITION

SECTION: LOCAL (NEWS), Pg. 11B

LENGTH: 658 words

HEADLINE: Group organizes to fight threat to close Fort Ritchie communications base

BYLINE: Greg Tasker, Western Maryland Bureau of The Sun

BODY:

HAGERSTOWN -- A group of Maryland and Pennsylvania government, military and community officials is marshaling forces to oppose Pentagon plans announced Monday to close Fort Ritchie.

Members of the Military Affairs Committee for Fort Ritchie, meeting at the Sheraton Inn here yesterday, said they intend to build a case against closing the 638-acre base, nestled in the Catoctin Mountains, by focusing on its military importance.

"We need to make a strong point that they made the wrong decision," said Herb Meininger, executive director of the Greater Hagerstown Committee, who helped organize the group last week in anticipation of the proposed closing. "Fort Ritchie should be retained."

Fort Ritchie, the largest of the five military installations in Maryland targeted for closing, provides communications services and other support for the military, including the 716-acre Alternative Joint Communications Center, which also is known as the "underground Pentagon."

That center, in Pennsylvania six miles northeast of Fort Ritchie, could serve as a command post for the Joint Chiefs of Staff in wartime. The facility will be kept operational despite the proposed closing of Fort Ritchie; its support station would move from Fort Ritchie about 30 miles south to Fort Detrick in Frederick.

Fort Ritchie employs about 2,500 military and civilian workers. About 900 of those workers -- members of the 1111th Signal Battalion and 1108th Signal Brigade -- are expected to be transferred to Fort Detrick, about 30 miles southeast of the base.

Another 360 workers are slated to be relocated to Fort Huachuca, Ariz. So are 200 other employees of the Defense Information Systems Agency-Western Hemisphere, which will be transferred somewhere in the Washington, D.C., area, and another 600 positions will be eliminated.

At a news conference at Fort Ritchie yesterday, Brig. Gen. Frederick H. Essig, the base commander, said that "we are bound to follow these directives set by the Army." If the Pentagon's recommended closings are approved by Congress and the president, he said, Fort Ritchie would likely be closed over a five- or six-year period beginning in 1996.

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The Baltimore Sun, March 2, 1995

"If you look at this installation, I think you will see the same thing you see at larger installations," he said.

That's something members of the community group hope to dispute during a brief argument before the independent Defense Base Closure and Realignment Commission at a regional hearing this spring.

Lonnie Knickmeier, a retired assistant deputy chief of staff at the Defense Information Systems Agency-Western Hemisphere, said the group should note the base's proximity to the underground Pentagon and its communications link with the White House.

Besides focusing on the base's military importance, the committee also hopes to deflate the \$ 712 million figure the Pentagon estimates will be saved over a 20-year period by shutting Fort Ritchie.

The figure, members said, does not take into account the cost of relocating staff and building new facilities at other sites.

"If we can show they cooked these numbers, that's the best argument we can have," Mr. Knickmeier said.

The community group also decided to ask Mrs. Byron to be its spokeswoman when the community makes its 15-minute presentation to the base closings commission during a field hearing.

Mrs. Byron will be paid \$ 1,000 a day under the 10-day contract. She was in Hagerstown yesterday and could not be reached for comment.

She is scheduled to attend a meeting today in Washington where the Maryland delegation planned to discuss ways to reverse the suggested closures and realignments, which would result in a net loss of 1,692 jobs in the state.

U.S. Rep. Roscoe G. Bartlett, a Republican who represents Western Maryland, wrote a letter yesterday to Alan Dixon, the chairman of the base closings commission, asking that the field hearing for the Mid-Atlantic region be held in Hagerstown.

GRAPHIC: PHOTO, PERRY THORSVIK/SUN STAFF PHOTO, Fort Ritchie is on a proposed list of military installations, scheduled for closing.

LOAD-DATE-MDC: March 3, 1995

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36TH STORY of Level 1 printed in FULL format.

Copyright 1995 The Washington Post  
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March 02, 1995, Thursday, Final Edition

SECTION: METRO; Pg. B01

LENGTH: 866 words

HEADLINE: No Army Base, No Jobs; Planned Closure Is Bad News for Western Md.

BYLINE: Brian Mooar, Washington Post Staff Writer

DATELINE: CASCADE, Md., March 1

BODY:

In less than 45 minutes on Tuesday, Greg Delauter got two bits of life-changing news: that his wife was expecting their third child, and that the Army base that helped him build a thriving convenience store is targeted for closing.

Delauter, 35, opened the roadside store outside Fort Ritchie 10 years ago after pinching pennies and borrowing from relatives. It became so successful that it grew to 25 employees, and he bought five acres near the base's main gate to relocate and expand the store.

But those plans were put on hold when military officials announced that Fort Ritchie is one of 57 military bases recommended for closure nationwide. The 100 military and 1,500 civilian jobs the Pentagon wants to take from Washington County are just up the road from his store, GT's HandiMart.

"It's devastating because this is our community," said his wife, Letricia Delauter. "These are people we know who are being affected by this."

Across the nation, leaders of communities with bases on the closure list assessed their situations today and vowed to battle for reconsideration. The recommendation from Defense Secretary William J. Perry will now be considered by a federal commission that must send its own proposal to President Clinton by July. He may only accept or reject the commission recommendation in full. If he accepts, the list then goes to Congress, which can accept or reject the plan but cannot amend it.

In the Washington region, the hit list was harshest on Maryland. The Pentagon wants to close the White Oak naval installation in Montgomery County, which would have gained 4,000 employees headed there from Crystal City. Instead those workers are to be shifted to the Washington Navy Yard.

Perhaps no community was hit harder than Washington County, which has the most existing jobs proposed for phaseout. "It was really shaky here about 1990 to 1993, and roughly in the last year or so we began to climb out of that and unemployment has gotten better," said Herb N. Meininger, executive director of the Greater Hagerstown Committee. "It seems we're recovering from a bad two or three years, and now it looks like we're going to go back into a bad situation again."

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The Washington Post, March 02, 1995

The news was not all downbeat. Fort Detrick in Frederick County would gain 602 military and 325 civilian jobs. Some of those jobs presumably will be held by people now at Fort Ritchie, but officials had no details.

The Army said closing Fort Ritchie could cost the Washington County area more than 3,200 jobs from 1996 to 2001, equal to about 4.8 percent of the current job base. The closure would dry up about \$ 113 million in civilian contracting work and end the spinoff business created by 7,000 area military retirees who use the PX and other Army services nearby.

Mark Hoke, president of the Frederick County Board of Commissioners, was delighted at the prospect of 900 military and civilian jobs coming to Fort Detrick.

"It's good for all sorts of reasons," Hoke said. "It helps out the people from Fort Ritchie because it keeps them relatively close to home. I'm sorry for Washington County, but I'm sure there will be a benefit for Frederick County."

Frederick County has a work force of about 56,000 and a total population of about 173,000. Fort Detrick, with more than 4,000 employees, is by far the county's largest employer. Washington County has a work force of 66,000 and a population of about 121,000.

Fort Ritchie, 638 acres in the Catoctin Mountains, houses the Defense Information Systems Agency and the 1108th Army Signal Brigade, and provides support for the Information Systems Engineering Command and Site R, the so-called Underground Pentagon.

Buried under one-half mile of granite across the Pennsylvania border, Site R has five three-story office buildings, reservoirs, generators, a chapel, a mess center and barber shop. The facility was designed as a communication center and command post if the Pentagon came under nuclear attack.

Site R readiness was relaxed in 1992 when the government determined the fortress could not withstand a direct hit. Site R still maintains a skeletal staff, but those employees close the command center at night and on weekends.

Washington County officials said they do not know how hard the area would be hit by the closure because many workers at Fort Ritchie live in Pennsylvania. County leaders also do not know how many workers transferring from Fort Ritchie to Fort Detrick will keep their homes in Washington County.

"This area relies very heavily on the military population and other civilian employees who live on the mountain in the Cascade area," Meininger said. "There are contractors who live around here that found work at Fort Ritchie, and those opportunities are not going to be available."

"We have no way of predicting exactly what the economic impact would be," said Richard Palmer, executive director of the Washington County Economic Development Commission. But Palmer predicted that small businesses around the base would be the first and hardest hit.

Gregory I. Snook, president of the Washington County Board of Commissioners, called the possible shutdown "devastating."

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GRAPHIC: Photo, bill o'leary;map,,brad wye, Washington County, Md., would lose 700 jobs if Fort Ritchie, top, is closed. Skip Englar, owner of the nearby Chocolate Park Tavern, is more concerned about trends away from drinking than he is about the loss of the base. Greg Delauter, owner of GT's HandiMart, says he's concerned that the convenience store in Cascade, Md., near Fort Ritchie, will suffer greatly from the Army base's closing.

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March 13, 1995, Monday, FINAL EDITION

SECTION: TELEGRAPH (NEWS), Pg. 1A

LENGTH: 1408 words

HEADLINE: Closing 'not all despair,' Ft. Ritchie neighbors told

BYLINE: Gilbert A. Lewthwaite, Washington Bureau of The Sun

BODY:

WASHINGTON -- Can there be life in an isolated rural community after the closing of its principal source of money and jobs?

It is a question those who live around the Army signal base at Fort Ritchie, in Western Maryland, are busy asking, and those around the Army's intelligence station at Vint Hill Farms, Va., are busy answering.

Fort Ritchie, with 638 acres and 2,344 employees, is on this year's Pentagon list of military bases proposed for closure. Vint Hill Farms Station, with 700 acres and 2,000 employees, was put on the list two years ago and is being phased out.

The Virginia camp offers a glimpse into what the future might hold for Fort Ritchie if the Maryland installation stays on the Pentagon's hit list. And the chances are that it will. Over the past three rounds of base closures -- in 1988, 1991 and 1993 -- fewer than one in five targeted camps escaped closure. Vint Hill Farms tried to get taken off the 1993 list and failed.

"We have been through it," said Owen W. Bludau, executive director of the Vint Hill economic adjustment task force. "We know the struggles [the Fort Ritchie community] is going to go through. We can give them some lessons learned."

Here, the people of Vint Hill Farms say, are a few:

\* Lesson 1 -- Don't panic. Help is at hand, and there is time to find it. Two years after being put on the list, Vint Hill is still developing its re-use plan, putting together a financial package and growing optimistic about an economic rebirth.

"It is not all despair," said Brian O'Connell, executive director of the National Association of Installation Developers, an organization of communities and companies that have lived through base closures.

"Yes, there will be hard work," he said. "Yes, there will be change. But there is enough evidence to show if you stay at it, there will be recovery, and you can do more to catch your destiny than just be in a passive mode and say, 'That's the end of it,' and people move out and sell their houses."

\* Lesson 2 -- Expect to experience all sorts of emotions before acceptance finally sinks in.

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"I have seen people liken it to the seven stages of grief, to a death in the family," Mr. O'Connell said.

At Vint Hill Farms, Janet Nixdoff, who runs the workers' transition team, said: "Many of the employees are in resistance -- that is, they are angry, frustrated, uncertain. They are not sure what they want to do.

"I am right in the eye of the storm, and it's very stressful. We get employees coming in and they have had a fight with their boss, or a fight with their wives."

The first 18 civilians to lose their jobs at Vint Hill Farms are now on notice to empty their desks by June 7. Helped by a Pentagon-backed outreach and retraining program, more than half already have new jobs. This is in line with national figures, which show that 59 percent of the work force finds new jobs within a year of base closure.

The 1,500 civilian jobs at Vint Hill Farms represent 15 percent of the local employment base and contribute \$ 15 million in salaries to Fauquier County. Most have the option of transferring to the headquarters of the Army's communications and electronics command at Fort Monmouth, N.J., but few have decided whether to leave Virginia.

A survey of the impact of base closures on 97 communities over the past three decades shows that while 88,000 federal jobs were lost, 171,177 jobs -- nearly twice as many -- were created. The survey was conducted by the Pentagon's Office of Economic Adjustment, which also helps localities recover from the effects of base closures.

#### The real challenge

"It is a crude measure of recovery," said Paul Dempsey, head of the adjustment office. "The challenge is how much time lapses between the defense-supported local economy and its replacement by a civilian-supported economy."

\* Lesson 3 -- Try to save the installation, but prepare for the day when it lowers the flag for the last time. The gates at Vint Hill Farms Station will close on all of the base employees in September 1997.

Donald Baxter, 61, who has run the Vint Hill base barber shop for 37 years and once employed three other barbers there but now has work only for himself, is opening a new hair cuttery in Gainesville, Va.

"Everyone laid back and said it's not going to happen to us -- this is something that happens to someone else," said a wistful Mr. Baxter. "It's home after so many years."

Larry Ross Mayhugh, the third generation since 1912 to run Mayhugh's Store, the nearest convenience outlet to the base, sees redevelopment as boosting the family business.

"I'd love to see that," he said. "I remember when I was growing up . . . it seemed every other person you saw would be in the military. But [recently] this community has not, to my knowledge, been supported by the military."

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"I'd love to see that," he said. "I remember when I was growing up . . . it seemed every other person you saw would be in the military. But [recently] this community has not, to my knowledge, been supported by the military."

The Baltimore Sun, March 13, 1995

"In the last 10 years, people have been moving out this way, which they call 'the country,' to build a house, enjoy some privacy and beauty." Half of Fauquier County's workers commute to their jobs, mainly in Washington.

\* Lesson 4 -- Form a county task force to prepare a re-use plan and hire a full-time staff to deal with all the paperwork.

The Vint Hill Farms group is spending \$ 282,000 of its \$ 405,000 budget this year on three consultancy groups, which will handle issues ranging from landscaping to the environment, from legal to financial advice, from marketing to architectural preservation.

The Pentagon pays 75 percent of the group's budget, and the county and state split the rest.

\* Lesson 5 -- Prepare a financial package. The redevelopment program at Vint Hill is expected to cost between \$ 10 million and \$ 20 million over two decades. The camp's roads are not up to county or state standards. Its sewage treatment plant is inadequate. Its housing is run-down and will probably have to be demolished to make way for new residential development.

#### Vint Hill's plans

The Vint Hill re-use group hopes to be able to buy the camp site under a purchase agreement with the Pentagon that would allow it to make payments as cash from the redevelopment rolls in. Parts of the base -- if they are used for health, education, aviation or recreation -- will be acquired free of charge.

The project is planned to be self-financing. A development authority would be established, raising income from sales and leases of land and property on the base, rental of space on the station's 420-foot radio tower, and even greens fees from a new public golf course.

The Pentagon survey of 97 closed bases showed that 83 of the former military installations now house industrial and office parks, 43 include local civilian airports, and 57 are home to colleges or schools.

The Vint Hill planners are being judicious about introducing facilities such as schools and colleges, which do not pay property taxes, to the site, although they will encourage research and technology institutions. Fauquier County received no property taxes from the military base and would like to collect new taxes on private development to offset the loss of buying power from the departing military.

"We look at it as an opportunity," Mr. Bludau said. "It is still a daunting task, in that we are going to be losing a large economic benefit to the county. We will see a downturn. We hope to restore it. There certainly is nervousness. But we are optimistic."

When Fort Ritchie was targeted for closure, Mr. Bludau picked up his phone and offered to share his experience with Dick Palmer, executive director of the Hagerstown Economic Commission, who is heading a committee to examine the options at Fort Ritchie.

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The Baltimore Sun, March 13, 1995

"Bless their hearts, they took the initiative," Mr. Palmer said.

Fort Ritchie is one of five Maryland installations tagged for closure this year. The others are the Naval Surface Warfare centers in Annapolis and White Hall, the Army Publications Distribution Center in Middle River, and the Naval Medical Research Institute in Bethesda.

The Pentagon's selections will be reviewed by an independent base closure commission, which can add bases to the list or delete them. Communities will be able to argue at a series of regional hearings by the commission for their local bases to be spared from closure.

Once the commission makes its final recommendations on closures, President Clinton and Congress must either reject or accept them in their entirety. They cannot tinker with the list.

GRAPHIC: PHOTO, LLOYD FOX/SUN STAFF PHOTO, Convenience store owner Larry Ross Mayhugh is optimistic.

LOAD-DATE-MDC: March 14, 1995

The Baltimore Sun, March 13, 1995

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LOAD-DATE-MDC: March 14, 1995

# United States Senate

WASHINGTON, DC 20510

March 22, 1995

Mr. Alton Cornella  
Defense Base Closure and Realignment Commission  
1700 N. Moore Street  
Suite 1425  
Arlington, VA 22209

Dear Mr. Commissioner:

We have serious reservations about the Department of Defense's recommendation to close Fort Ritchie, Maryland. As you prepare for your visit to this post, we wanted to draw your attention to our concerns and to some of the specific items that will be highlighted for you on Friday.

The Fort Ritchie Military Affairs Committee (FORMAC), a citizens group that includes prominent local officials and business people as well as numerous civilian and military retirees from the Fort, has carefully reviewed the full spectrum of activities at the post. Their review provides clear evidence to us that the Army has not thoroughly considered the military value of these missions and activities, a realistic return on investment that could be expected, or the community impact of closure.

1) The military value of Fort Ritchie has been seriously understated. The proximity of the post to Site R, the Alternate Joint Military Command Center, and to the predominantly East Coast customer base of most of the tenants is critical for readiness and responsiveness. A few examples include:

- o Site R support activities. Site R is a vital backup component in case of international conflict or major disaster and Fort Ritchie provides critical support for this function, yet many of the post's contributions to the efficient and effective management of Site R have been overlooked. This includes important communications networks linked through Fort Ritchie, the significant under-counting of Fort Ritchie personnel assigned to Site R functions, concerns about safety including fire fighting capabilities, and the increased costs associated with remote support of the Site.
- o East Coast Customer Support by Ft. Ritchie tenants.

Commissioner Alton Cornella  
March 22, 1995  
Page 2

The technology and communications work provided by TAO, ISEC-CONUS, and DISA-Western Hemisphere primarily supports an East Coast Customer base. Relocating large portions of these missions to the western United States would have a detrimental impact on responsiveness and cost.

- o Synergy. The collocation of many of these activities at Fort Ritchie provides for unique horizontal integration and synergies. For example, information services designed by DISA-WESTHEM can be engineered by ISEC-CONUS.

2) Potential savings from closing Fort Ritchie are dramatically overstated. Some specific examples:

- o Underfunding Site R. Because the number of Fort Ritchie personnel assigned to Site R support was overlooked, the costs of reestablishing these activities is not accounted for. This includes an entire MP company, over 50 civilians assigned to the Garrison, and the cost of re-creating communications and other support services.
- o Increased Travel Costs. The Temporary Duty costs associated with performing East Coast customer support from a base in Arizona are not accounted for.
- o Accounting Errors. In a line-by-line review, FORMAC has found overstatements of millions of dollars per year in numerous items such as family housing.

3) The cumulative impact of closing Fort Ritchie and realigning Letterkenny Army Depot will be a serious blow to this region of Maryland and Pennsylvania.

- o Highly Motivated Work-force. The men and women at these sites are extraordinarily dedicated, and extremely effective. Many have invested a lifetime in service to our nation, and uprooting them over 2,400 families is neither cost-effective nor productive to the overall mission of our military.
- o Center of the Community. In a remote location in the mountains, Ft. Ritchie serves a vital role as a community hub. In addition, 7,000 military retirees from the surrounding area utilize Ft. Ritchie facilities.
- o And although the same can be said for many bases and

Commissioner Alton Cornella  
March 22, 1995  
Page 3

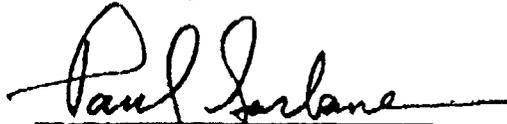
communities that find themselves under consideration during the current round of BRAC, this service and these impacts cannot be overlooked at Fort Ritchie.

While you are on Fort Ritchie, you will hear many more details about each of these concerns. You will have the opportunity to see in person the contributions that are made at Fort Ritchie by a talented and dedicated Work-force of military and civilians. We urge you to carefully review our concerns and the information that will be provided by employees and FORMAC during your visit, and we look forward to seeing you on Friday.

Sincerely,



Barbara A. Mikulski  
Barbara A. Mikulski  
United States Senator



Paul S. Sarbanes  
Paul S. Sarbanes  
United States Senator



Roscoe G. Bartlett  
Roscoe G. Bartlett  
Member of Congress

cc: All BRAC Commissioners



# City of Sierra Vista

Office of the Mayor

2400 E. TACOMA STREET

SIERRA VISTA, AZ 85635

(602) 458-3315

Please refer to this number  
when responding 950310-1

March 9, 1995

The Honorable Alan Dixon, Chairman  
BRAC Commission  
1700 North Moore Street  
Suite 1425  
Arlington, VA 22209

Dear Senator Dixon:

Subject: Fort Huachuca, Arizona Water Situation

It is my understanding that during a meeting with a group of members of Congress, a member alleged that there was no water at Fort Huachuca to support growth associated with the few hundred additional people under consideration. This is simply not true and I would like to dispel any rumors to the contrary. I will attempt to put our water situation in proper context and then update you on what is being done to address the issue.

In short, we have plenty of good quality water to meet the needs of those who are expected to need it well into the future. We have a water management challenge to resolve some potential conflicts in water-use but we have plenty of time to properly plan and implement better water management practices. Several reasonable solutions have been identified and we are working diligently with others to evaluate and select those solutions that best address our need. There is no reason to believe we cannot satisfy the future water needs of Fort Huachuca and the City of Sierra Vista without adversely impacting the other water users within the basin.

The City of Sierra Vista, which includes Fort Huachuca, is located on the west edge of a broad basin between two mountain ranges. The San Pedro River flows south to north through the center of the basin about 8 to 10 miles east of the city. The Sierra Vista/Fort Huachuca area uses an estimated 7,000 acre feet (AF) of water for municipal/industrial use. Agricultural irrigation and other rural land use consumes another 7,000 AF. That use is generally centered 10-15 miles upstream in the Hereford/Palominas area which is adjacent to the River. The third major water user is the San Pedro River itself, which was designated in 1988 as a Riparian National Conservation Area (SPRNCA). About 39,000 AF of water flows through the SPRNCA as surface water, but the riparian habitat depends on groundwater

discharge to sustain it during dry portions of the year. In comparison, the SPRNCA consumes about 15,000 AF of water per year.

The above water-use figures are more specifically defined in the most commonly accepted water budget prepared by the Arizona Department of Water Resources (ADWR). That budget goes on to show a water supply of about 40,000 AF of surface water entering the hydrologic system and about 17,000 AF of groundwater inflow and recharge that occurs. Subtracting from this 57,000 AF of supply, the 14,000 AF of human consumption, the 15,000 AF of natural consumption and the 39,000 AF of surface water outflow from the sub-basin, leaves an apparent shortage of about 11,000 AF. At first glance, this shortage, compared to the annual supply is quite alarming. However, there are two other important facts to keep in mind. First, ADWR estimates there is over 30 million AF of water in storage within the basin. Over-drafting 11,000 AF/year against a 30 million AF storage account is not quite as alarming. The second figure left out of the water budget calculations is total rainfall. The budget only includes the net amount that currently enters the hydrologic system. The gross precipitation is 1.2 million AF per year, but over 95% of that amount is lost to evaporation and native plant consumption. In comparison, man is only using a little over 1% of the available water supply from rainfall. I think the above figures clearly illustrate that we do not have a water supply problem within our sub-basin.

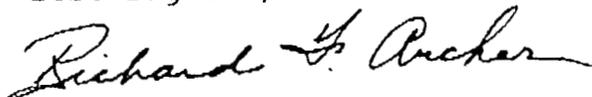
We do have a water management challenge though, in assuring each user does not impact another users ability to access the groundwater supply. Of specific concern to us all is that our groundwater pumping does not lower the groundwater table to the point that the SPRNCA would be adversely effected. Studies, to date, show that the low flow of the River has apparently been declining, over time, since the 1940's. The reason for the declining trend is under study. However, hydrologic modeling has shown that pumping in the Sierra Vista/Fort Huachuca area has not significantly effected flows in the River and is not expected to show a significant impact for several years. The details of the hydrologic system are still in question. Close to a half-million dollars is being spent, annually, by various federal, state, and local agencies to collect data and monitor the system to better understand those details. However, there is enough information currently available to conclude that continued pumping in the Sierra Vista/Fort Huachuca area to support continued growth will, at some point in the future, impact the River if we do not take steps to change our water management policies. Our challenge is to use our water wisely and increase our supply from precipitation.

What are we doing to meet this challenge? We have an active program to educate our citizens and encourage water conservation. We are investigating the feasibility of reusing

and/or recharging our sewage effluent. We are exploring the feasibility of storm water recharge and/or scalping flood flows for reuse or recharge. Fort Huachuca is conducting similar studies and we meet periodically to coordinate our efforts. Preliminary information indicates these actions are feasible and can result in not only eliminating the current overdraft but meeting any future needs for water supply. Remember, the current water use of the City and Post combined is only one-half of one percent of the amount of rainfall that evaporates before it can enter our hydrologic system. The issue is not how to meet our future water needs, nor if we can meet them. The issue is how we pay for the implementation and how soon do they need to be implemented. We believe our dialogues with the other users and help from federal and state agencies will resolve those problems very quickly.

I hope this information clarifies your understanding of our water situation and brings you up-to-date on what we are doing to address it. Again, we have plenty of water, we just have to do a better job of managing our use of the available resource.

Best regards,



RICHARD F. ARCHER  
Mayor

RFA/vlg

copy: Brigadier General James E. Shane, Jr.

# Depots

Continued from Page 1A

If Fort Ritchie were closed, the area's economy would lose about \$900 million — \$300 million by computing the ripple effect of the base's \$75 million payroll, the \$113 million in contracts with private companies, and even more by adding in the loss of Letterkenny's payroll, which is twice that of Fort Ritchie's, said Herb Meininger, FORMAC chairman.

Because of the overlapping impact, Franklin County officials in Pennsylvania, including two county commissioners and Representative Pat Fleagle, R-Waynesboro, attended the press conference. Also attending from Maryland were Hagerstown's mayor and a Washington County commissioner.

The harmful effect of downsizing two installations located only 20 miles apart, although in different states, will be highlighted in the presentation that the bases make to the BRAC Commission, Meininger said.

The coalitions for the two bases also plan to work together, somewhat, in their fights to get the bases off the list. Specifically, they plan to coordinate the mo-

torcade for Cornella's visit and give him a police escort to Fort Ritchie. Cornella will visit Letterkenny in the morning and Fort Ritchie in the afternoon.

The coalitions hope to have crowds gathered along the route. Supporters are urged to line the square in Waynesboro at 12:15 p.m. Cornella is expected to drive through there between 12:30 and 12:45.

Citizens also are encouraged to gather at the flag pole near the parade grounds on Fort Ritchie at 4 p.m. Cornella will finish his base tour and hour-long meeting with FORMAC officials by 4:30 p.m., then have a press conference at 4:45 p.m. He is scheduled to leave at 5 p.m.

At the press conference, FOR-

MAC members also outlined their work to date and unveiled their strategy for countering Department of Defense rationale for the closing of Fort Ritchie.

## What you can do

Donations of supplies, such as small flags that citizens may wave, or money, can be made by contacting either James Walsh Jr., FORMAC's Community Support Coordinator, at (301) 582-0495; Washington County United Way Director Cathy Vogt, (301) 739-8200; or Herb Meininger, (301) 733-8811.

Donations also may be sent directly to FORMAC, P.O. Box 2718, Hagerstown, Md., 21741-2718.



## PUBLIC OPINION

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Office of the Mayor

2400 E. TACOMA STREET  
SIERRA VISTA, AZ 85635  
(602) 458-3315

Please refer to this number  
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March 9, 1995

The Honorable Alan Dixon, Chairman  
BRAC Commission  
1700 North Moore Street  
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Arlington, VA 22209

Dear Senator Dixon:

Subject: Fort Huachuca, Arizona Water Situation

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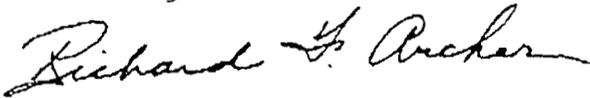
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Best regards,



RICHARD F. ARCHER  
Mayor

RFA/vlg

copy: Brigadier General James E. Shane, Jr.

**DEFENSE BASE CLOSURE & REALIGNMENT COMMISSION**  
**1700 NORTH MOORE STREET, SUITE 1425**  
**ARLINGTON, VIRGINIA 22209**  
**(703) 696-0504**

**MEMORANDUM OF MEETING**

**DATE:** March 15, 1995

**TIME:** 1 p.m.

**MEETING WITH:** Washington County (MD) BRAC Committee

**SUBJECT:** Ft. Ritchie

**PARTICIPANTS:**

*Name/Title/Phone Number:*

**Phil Strong, Office of Rep. Roscoe Bartlett (R-MD)**  
**Lonnie Knickmeier, Wash. Cty. BRAC Committee**  
**Connie Slye, Wash. Cty. BRAC Committee**  
**Jonathan Davidson, Office of Sen. Paul Sarbanes (D-MD)**  
**Cory Long, Office of Sen. Mikulski (D-MD)**

*Commission Representatives:*

**Al Cornella, Commissioner**  
**David Lyles, Staff Director**  
**Jim Schufreider; Manager, House Liaison**  
**Ed Brown, Army Team Leader**  
**Rick Brown; Army Team**

**MEETING PURPOSE:**

The Washington County (Maryland) Military Affairs Committee presented community views on the DOD recommendation to Close Fort Ritchie, Md. They raised an issue concerning the loss of operational synergy if current co-location of multi-Service DOD organizations were split. They raised the question of water availability at Fort Huachuca to support recommended realignments, and noted potential weather-related problems of supporting Site R from Fort Detrick during winter. Lastly, they addressed possible errors in the COBRA cost analyses stemming from an apparent failure to include several of Fort Ritchie's joint-Service tenants in model input data.

Rick Brown/Army Team/3/15/95

DRAFT  
Fort Ritchie

	Mil	Civ	NAF/Cont		Consol TtIs
			Oth	Civ TtIs	
<b>DOD Recommendation</b>	-1011				-1333
<b>COBRA TtIs (No Force Chge)</b>	1011	878			
				455	
<b>Total Current Manpwr Implications</b>	1011			1333	2344

**Force Structure Change**

Hq DISA	7	34			
Def Mega Cen	12	115			
<b>Sub-Ttl Force Structure Chge</b>	<b>19</b>	<b>149</b>			

**Positions Eliminated**

Hq Garrison	248	227			
Dir of Info Mgt (DOIM)	30	22			
Health Clinic	10	20			
Dental Clinic	9	2			
BASOPS Contract	0	0	151		
Instal MWR Fund	0	0	131		
AAFES Post Exchg	0	0	47		
Credit Union	0	0	7		
<b>Sub-Ttl Positions Eliminated</b>	<b>297</b>	<b>271</b>	<b>[336]</b>		

*MF CO, 165 eliminated total  
2-152-65 eliminate on Garrison WIC  
127 MPS*

**Realigned to Base X**

DFAS	0	44			
Def Commissary	0	37	6		
Sys Mgt Cen/Comp Ops	1	12			
Def Investigative Svc	0	9			
TMDE Supt Gp	3	2			
902 Mil Intel Ofc	0	3			
<b>Sub-Ttl Positions to Base X</b>	<b>4</b>	<b>107</b>	<b>[6]</b>		

**Realigned to Huachuca**

ISEC CONUS	95	123			
ISC Msn Sup Contract	0	0	38		
Tech Appli Ofc	3	34			
Hq elem - Transferring elem	9	8			
DOIM - Transferring elem	1	1			
<b>Sub-Ttl Positions to Huachuca</b>	<b>108</b>	<b>166</b>	<b>[38]</b>		

**Works "R" - Move to Detrick**

1111th Sig Bn	291	63			
Jt Comm Cen - DIA	39	3			
USAF elem	39	0	3		
JCS Spt Elem "R"	30	0			
MCC Comp Ops elem	27	2			
USAF Wx Tm	15	6			

DRAFT  
Fort Ritchie

	Mil	Civ	NAF/Cont		Civ Ttls	Consol Ttls
			Oth			
(Wks "R" - Mv to "D" Con't)						
USAF DISA Fld Aug	19	0				
USN Sup Elem	13	0				
USAF AF Cbt Ops	6	0				
USAF Jt COS	6	0				
DIA	4	0				
USAF Elem DIA	4	0				
USN Op Nav Sup	3	0				
USAF Cbt Ops Staff	1	0				
USMC Sup Elem	1	0				
CMDINf Sys Tst Act 1				5		
<b>Sub-Ttl Wks R; Mve D</b>	<b>498</b>	<b>74</b>	<b>[8]</b>			
<b>Move to Detrick</b>						
ISEC CONUS	45	105				
1108th Sig Bde	20	65				
ISC Msn Sup Contr	0	0		67		
1111th Sig Bn "C" & "R"	31	2				
BRACO	0	8				
Vet Sec	1	0				
Hq Garrison (Trans Elem)	6	70				
DOIM (Garrison)	1	10				
<b>Sub-Ttl Positions Move to D</b>	<b>104</b>	<b>260</b>	<b>[67]</b>			
<b>TOTALS (if DISA Incd)</b>	<b>1030</b>	<b>[1027]</b>	<b>[455]</b>	<b>1482</b>	<b>2512</b>	

DRAFT  
Fort Ritchie

	NAF/Cont				
	Mil	Civ	Oth	Civ Ttls	Consol Ttls
<b>DOD Recommendation</b>	-1011	-878	-455	-1333	-2344

**Force Structure Change**

Hq DISA	7	34			
Def Mega Cen	12	115			
<b>Sub-Ttl Struc Chge</b>	19	149			

**Positions Eliminated**

Hq Garrison	248	227			
Dir of Info Mgt (DOIM)	30	22			
Health Clinic	10	20			
Dental Clinic	9	2			
BASOPS Contract	0	0	151		
Instal MWR Fund	0	0	131		
AAFES Post Exchg	0	0	47		
Credit Union	0	0	7		
<b>Sub-Ttl Eliminated</b>	297	271	[336]		

**Realigned to Base X**

DFAS	0	44			
Def Commissary	0	37	6		
Sys Mgt Cen/Comp Ops	1	12			
Def Investigative Svc	0	9			
TMDE Supt Gp	3	2			
902 Mil Intel Ofc	0	3			
<b>Sub-Ttl to Base X</b>	4	107	[6]		

**Realigned to Huachuca**

ISEC CONUS	95	123			
ISC Msn Sup Contract	0	0	38		
Tech Appli Ofc	3	34			
Hq elem - Transferring elem	9	8			
DOIM - Transferring elem	1	1			
<b>Sub-Ttl to Huachuca</b>	108	166	[38]		

**Works "R" - Move to Detrick**

1111th Sig Bn	291	63			
Jt Comm Cen - DIA	39	3			
USAF elem	39	0	3		
JCS Spt Elem "R"	30	0			
MCC Comp Ops elem	27	2			
USAF Wx Tm	15	6			
USAF DISA Fld Aug	19	0			
USN Sup Elem	13	0			
USAF AF Cbt Ops	6	0			
USAF Jt COS	6	0			



	Off	Enl	Mil	Civ	Oth	1333	2344
<del>████████</del> DOD Recommendation			1011				
COBRA Summ Rept			297	271			
Eliminated	22	275	297	271			
Realigned	55	659	714	607			
Total			1011	878			
COBRA Pers Summ Rept			19	149			
Force Structure Change			108	166			
To Huachuca			602	334			
To Detrick			4	107			
To X			714	607			
Realignment Sub-Ttl			297	271			
Eliminate	22	275	297	271			
Elim/Real Sub-Totals			1011	878			
Total			1030	1027			
Manpower Implications (incls Contrs)			1011	(878)	(455)	1333	2344
ASIP Installation Total	95	966	1061	1122	455		
WKS Recommendations Totals			1030	1027	445		
Eliminate	22	275	297	270	336		
Realign Totals			733	757	109		
Det-Mv wk & qtrs	8	96	104	260	62		
Det-wk Site R	39	459	498	74	3		
Huachuca	7	101	108	166	38		
Base X	13	10	23	257	6		

578  
 1122  
 544

Enclave ARSS...  
 - 100% of the DOD recommendations

Why are we not...?

15 100 1000000

INPUT DATA REPORT (COBRA v5.08)  
Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
Option Package : CA11-2R  
Scenario File : C:\COBRA\CA11-2R.CBR  
Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name	Strategy:
-----	-----
FORT HUACHUCA, AZ	Realignment
FORT DETRICK, MD	Realignment
FORT RITCHIE, MD	Deactivates in FY 1999
BASE X, US	Realignment

Summary:

-----  
CLOSE FT RITCHIE, MD  
RELOCATE 1111 SIGNAL BN & 1108 SIGN BDE TO FT DETRICK, MD  
RELOCATE INFO SYS ENGR CMD ELEMENTS TO FT HUACHUCA, AZ  
RELOCATE DIA & OTHER SERVICE NATIONAL MILITARY CMD CTR SUPPORT ELEMENTS  
TO FT DETRICK, MD FOR HOUSING

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
FORT HUACHUCA, AZ	FORT RITCHIE, MD	2,217 mi
FORT DETRICK, MD	FORT RITCHIE, MD	24 mi
FORT RITCHIE, MD	BASE X, US	1,340 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from FORT RITCHIE, MD to FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	7	0	0	0
Enlisted Positions:	0	0	101	0	0	0
Civilian Positions:	0	0	166	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

Transfers from FORT RITCHIE, MD to FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	0	47	0	0
Enlisted Positions:	0	0	0	555	0	0
Civilian Positions:	0	0	0	334	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from FORT RITCHIE, MD to BASE X, US

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	1	0	0	0
Enlisted Positions:	0	0	3	0	0	0
Civilian Positions:	0	0	107	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: FORT HUACHUCA, AZ

Total Officer Employees:	793	RPMA Non-Payroll (\$K/Year):	12,450
Total Enlisted Employees:	4,813	Communications (\$K/Year):	4,908
Total Student Employees:	2,074	BOS Non-Payroll (\$K/Year):	40,042
Total Civilian Employees:	3,179	BOS Payroll (\$K/Year):	35,499
Mil Families Living On Base:	51.0%	Family Housing (\$K/Year):	11,216
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.12
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	5,886	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	25	Activity Code:	4005
Enlisted VHA (\$/Month):	51		
Per Diem Rate (\$/Day):	76	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: FORT DETRICK, MD

Total Officer Employees:	219	RPMA Non-Payroll (\$K/Year):	5,971
Total Enlisted Employees:	592	Communications (\$K/Year):	0
Total Student Employees:	3	BOS Non-Payroll (\$K/Year):	15,111
Total Civilian Employees:	3,005	BOS Payroll (\$K/Year):	17,739
Mil Families Living On Base:	28.0%	Family Housing (\$K/Year):	595
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.83
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities (KSF):	1,470	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	173	Activity Code:	24225
Enlisted VHA (\$/Month):	197		
Per Diem Rate (\$/Day):	89	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: FORT RITCHIE, MD

Total Officer Employees:	1,028	89	RPMA Non-Payroll (\$K/Year):	7,446	} 01M-T. Info. 24,762
Total Enlisted Employees:	941		Communications (\$K/Year):	0	
Total Student Employees:	0		BOS Non-Payroll (\$K/Year):	18,029	
Total Civilian Employees:	1,027		BOS Payroll (\$K/Year):	9,287	
Mil Families Living On Base:	47.8%		Family Housing (\$K/Year):	23,458	
Civilians Not Willing To Move:	<del>6.0%</del>		Area Cost Factor:	0.92	✓
Officer Housing Units Avail:	0		CHAMPUS In-Pat (\$/Visit):	0	
Enlisted Housing Units Avail:	0		CHAMPUS Out-Pat (\$/Visit):	0	
Total Base Facilities (KSF):	867		CHAMPUS Shift to Medicare:	0.0%	
Officer VHA (\$/Month):	119		Activity Code:	24625	
Enlisted VHA (\$/Month):	32				
Per Diem Rate (\$/Day):	85		Homeowner Assistance Program:	No	
Freight Cost (\$/Ton/Mile):	<del>0.07</del>		Unique Activity Information:	No	

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BASE X, US

Total Officer Employees:	752	RPMA Non-Payroll (\$K/Year):	11,891
Total Enlisted Employees:	4,208	Communications (\$K/Year):	1,514
Total Student Employees:	1,121	BOS Non-Payroll (\$K/Year):	29,982
Total Civilian Employees:	2,709	BOS Payroll (\$K/Year):	21,877
Mil Families Living On Base:	55.0%	Family Housing (\$K/Year):	8,151
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.09
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,091	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	178	Activity Code:	BASEX
Enlisted VHA (\$/Month):	132	Homeowner Assistance Program:	No
Per Diem Rate (\$/Day):	101	Unique Activity Information:	No
Freight Cost (\$/Ton/Mile):	0.07		

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req(\$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
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0%	0%	0%	0%	0%	0%
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0	0	0	0	0	0
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	1,500	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 Req(\$K):	0	0	0	0	776	776
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$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
Land (+Buy/-Sales) (\$K):	0%	0%	0%	0%	0%	0%
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0	0	0	0	0	0
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Department : ARMY  
 Option Package : CALL-2R  
 Scenario File : C:\COBRA\CALL-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req'd(\$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
Misc Recurring Cost (\$K):	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	330	330
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	867					
Perc Family Housing ShutDown:						100.0%

*See notes - where's the...*

Name: BASE X, US

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req'd(\$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
Misc Recurring Cost (\$K):	0	0	0	0	0	0
Misc Recurring Save (\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					
Perc Family Housing ShutDown:						0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	4	0	2	0	0
Enl Force Struc Change:	0	-3	0	0	0	0
Civ Force Struc Change:	0	16	4	8	0	0
Stu Force Struc Change:	0	-30	7	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-3	0	0	0	0
Enl Force Struc Change:	0	-5	0	0	0	0
Civ Force Struc Change:	0	-20	-17	-14	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change (No Sal Save):	0	0	0	0	0	0
Enl Change (No Sal Save):	0	0	0	0	0	0
Civ Change (No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-4	-8	0	0	0
Enl Force Struc Change:	0	-3	-4	0	0	0
Civ Force Struc Change:	0	-34	-115	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	-1	-7	-14	0	0
Enl Scenario Change:	0	-8	-93	-174	0	0
Civ Scenario Change:	0	-8	-92	-171	0	0
Off Change (No Sal Save):	0	0	0	0	0	0
Enl Change (No Sal Save):	0	0	0	0	0	0
Civ Change (No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FORT HUACHUCA, AZ

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
ACSIM 13 DEC 94				
GEN PURP WAREHOUSE	STORA	10,000 ✓	0	0
ACSIM 13 DEC				
GEN PURP ADMIN	ADMIN	0	34,000 ✓	0
ACSIM 13 DEC				
ACSIM 13 DEC				
ACSIM 13 DEC				

Name: FORT DETRICK, MD

Description	Categ	New MilCon	Rehab MilCon	Total Cost (\$K)
ACSIM 13 DEC				
GEN PURP WAREHOUSE	STORA	13,000 ✓	0	0
ACSIM 13 DEC				
GEN PURP ADMIN	ADMIN	38,000 ✓	0	0
ACSIM 13 DEC				
FAMILY HOUSING	FAMLQ	354 ✓	0	0
ACSIM 13 DEC				
UNACCOMP ENL HOUSING	BACHQ	212 ✓	0	0
ACSIM 13 DEC				
ACSIM 13 DEC				

Department : ARMY  
 Option Package : CALL-2R  
 Scenario File : C:\COBRA\CALL-2R.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SPF

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	77.00%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	58.50%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	91.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	67,948.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,717.00	Civilian New Hire Cost(\$):	1,109.00
Enlisted Salary(\$/Year):	30,860.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,223.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	45,998.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	19.00%
SF File Desc:	SF7DEC.SPF	RSE Homeowner Receiving Rate:	12.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	59.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	15.00%
(Indices are used as exponents)		MilCon Design Rate:	10.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	6.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	7.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	24.00%
Avg Bachelor Quarters(SF):	388.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,819.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 2.90% 1997: 3.00% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.09
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	0.09
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	2.90
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	4,665.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	6,134.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	4,381.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	38	APPLIED INSTR	(SF)	114
Waterfront	(LF)	0	LABS (RDT&E)	(SF)	175
Air Operations	(SF)	130	CHILD CARE CENTER	(SF)	120
Operational	(SF)	119	PRODUCTION FAC	(SF)	100
Administrative	(SF)	106	PHYSICAL FITNESS FAC	(SF)	128
School Buildings	(SF)	104	2+2 BACHQ	(EA)	19,140
Maintenance Shops	(SF)	108	Optional Category G	( )	0
Bachelor Quarters	(EA)	46,227	Optional Category H	( )	0
Family Quarters	(EA)	96,040	Optional Category I	( )	0
Covered Storage	(SF)	60	Optional Category J	( )	0
Dining Facilities	(SF)	180	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyard Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	139	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Department : ARMY  
Option Package : CA11-2R  
Scenario File : C:\COBRA\CA11-2R.CBR  
Std Fctrs File : C:\COBRA\SF7DEC.SFF

EXPLANATORY NOTES (INPUT SCREEN NINE)

BOSMM APPLIED

ADDED CONSTRUCTION COSTS ASSOCIATED WITH RELOCATIONS - ACSIM - 17 NOV 94

FOUND NO CONSTRUCTION COST AVOIDANCES

ADDED MDW 29 NOV 94 MEMO ONE-TIME UNIQUE COSTS AND SAVINGS

EXCLUDED ANY COSTS ASSOCIATED WITH DISA

DISA ON HOLD PER COL JONES/DM

ADMINISTERS CLOSURE FROM FT DETRICK

VHA/PER DIEM EFF 1 JAN 95

1 11/11/94  
 - BASED ON ANALYST - TO -  
 ANALYST DISCUSSION

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

Starting Year : 1996  
 Final Year : 1999  
 ROI Year : 2000 (1 Year)

NPV in 2015(\$K): -712,143  
 1-Time Cost(\$K): 92,823

Net Costs (\$K)	Constant Dollars		1998	1999	2000	2001	Total	Beyond
	1996	1997						
MilCon	5,945	4,284	61,322	0	0	-22,743	-63,758	-22,743
Person	0	-279	-3,598	-14,394	-22,743	-43,088	-102,945	-43,088
Overhd	2,508	1,674	-2,119	-16,833	-43,088	-43,088	-102,945	-43,088
Moving	0	86	6,500	3,231	0	0	9,817	0
Missio	0	0	0	0	776	776	1,552	776
Other	0	12	561	263	0	0	837	0
<b>TOTAL</b>	<b>8,454</b>	<b>5,777</b>	<b>62,666</b>	<b>-29,734</b>	<b>-65,055</b>	<b>-65,055</b>	<b>-82,946</b>	<b>-65,055</b>

	1996	1997	1998	1999	2000	2001	Total	
<b>POSITIONS ELIMINATED</b>								
Off	0	1	7	14	0	0	22	
Enl	0	8	93	174	0	0	275	277
Civ	0	8	92	171	0	0	271	271
TOT	0	17	192	359	0	0	568	
<b>POSITIONS REALIGNED</b>								
Off	0	0	8	47	0	0	55	
Enl	0	0	104	555	0	0	659	714
Stu	0	0	0	0	0	0	0	
Civ	0	0	273	334	0	0	607	607
TOT	0	0	385	936	0	0	1,321	1,011

Summary:

-----  
 CLOSE FT RITCHIE, MD  
 RELOCATE 1111 SIGNAL BN & 1108 SIGN BDE TO FT DETRICK, MD  
 RELOCATE INFO SYS ENGR CMD ELEMENTS TO FT HUACHUCA, AZ  
 RELOCATE DIA & OTHER SERVICE NATIONAL MILITARY CMD CTR SUPPORT ELEMENTS  
 TO FT DETRICK, MD FOR HOUSING

FORCE STRUCTURE  
 CIV 19 19 11/1  
 147 168  
 TL 2057 = 1031 1057

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	5,945	4,284	61,322	0	0	0	71,551	0
Person	0	66	1,580	1,725	470	470	4,312	470
Overhd	2,508	1,891	3,817	6,504	4,703	4,703	24,127	4,703
Moving	0	86	6,680	3,231	0	0	9,997	0
Missio	0	0	0	0	776	776	1,552	776
Other	0	12	561	263	0	0	837	0
TOTAL	8,454	6,340	73,961	11,723	5,949	5,949	112,376	5,949

Savings (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	346	5,178	16,120	23,213	23,213	68,070	23,213
Overhd	0	217	5,936	25,337	47,790	47,790	127,072	47,790
Moving	0	0	180	0	0	0	180	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	563	11,294	41,457	71,004	71,004	195,322	71,004

PERSONNEL SUMMARY REPORT (COBRA v5.08)  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

PERSONNEL SUMMARY FOR: FORT HUACHUCA, AZ

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
793	4,813	2,074	3,179

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	0	4	0	2	0	0	6
Enlisted	0	-3	0	0	0	0	-3
Students	0	-30	7	0	0	0	-23
Civilians	0	16	4	8	0	0	28
TOTAL	0	-13	11	10	0	0	8

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
799	4,810	2,051	3,207

PERSONNEL REALIGNMENTS:

From Base: FORT RITCHIE, MD → ~~Huachuca~~

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	0	0	7	0	0	0	7
Enlisted	0	0	101	0	0	0	101
Students	0	0	0	0	0	0	0
Civilians	0	0	166	0	0	0	166
TOTAL	0	0	274	0	0	0	274

TOTAL PERSONNEL REALIGNMENTS (Into FORT HUACHUCA, AZ):

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	0	0	7	0	0	0	7
Enlisted	0	0	101	0	0	0	101
Students	0	0	0	0	0	0	0
Civilians	0	0	166	0	0	0	166
TOTAL	0	0	274	0	0	0	274

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
806	4,911	2,051	3,373

PERSONNEL SUMMARY FOR: FORT DETRICK, MD

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
219	592	3	3,005

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
Officers	0	-3	0	0	0	0	-3
Enlisted	0	-5	0	0	0	0	-5
Students	0	0	0	0	0	0	0
Civilians	0	-20	-17	-14	0	0	-51
TOTAL	0	-28	-17	-14	0	0	-59

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
216	587	3	2,954

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF  
 PERSONNEL SUMM FOR: DETRICK

PERSONNEL REALIGNMENTS:

From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	555	0	0	555
Students	0	0	0	0	0	0	0
Civilians	0	0	0	334	0	0	334
TOTAL	0	0	0	936	0	0	936

TOTAL PERSONNEL REALIGNMENTS (Into FORT DETRICK, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	555	0	0	555
Students	0	0	0	0	0	0	0
Civilians	0	0	0	334	0	0	334
TOTAL	0	0	0	936	0	0	936

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
263	1,142	3	3,288

PERSONNEL SUMMARY FOR: FORT RITCHIE, MD

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
89	941	0	1,027

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-4	-8	0	0	0	-12
Enlisted	0	-3	-4	0	0	0	-7
Students	0	0	0	0	0	0	0
Civilians	0	-34	-115	0	0	0	-149
TOTAL	0	-41	-127	0	0	0	-168

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
77	934	0	878

PERSONNEL REALIGNMENTS:

To Base: FORT HUACHUCA, AZ

To HUACHUCA

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	7	0	0	0	7
Enlisted	0	0	101	0	0	0	101
Students	0	0	0	0	0	0	0
Civilians	0	0	166	0	0	0	166
TOTAL	0	0	274	0	0	0	274

MIL 035  
108  
166

To Base: FORT DETRICK, MD

To DETRICK

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	555	0	0	555
Students	0	0	0	0	0	0	0
Civilians	0	0	0	334	0	0	334
TOTAL	0	0	0	936	0	0	936

602  
334

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

To Base: BASE X, US

TO BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	0	0	0	1
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	107	0	0	0	107
TOTAL	0	0	111	0	0	0	111

MIL CIV  
 4  
 107

TOTAL PERSONNEL REALIGNMENTS (Out of FORT RITCHIE, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	8	47	0	0	55
Enlisted	0	0	104	555	0	0	659
Students	0	0	0	0	0	0	0
Civilians	0	0	273	334	0	0	607
TOTAL	0	0	385	936	0	0	1,321

714 607

SCENARIO POSITION CHANGES - ~~ELIMINATIONS~~

RITCHIE

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-1	-7	-14	0	0	-22
Enlisted	0	-8	-93	-174	0	0	-275
Civilians	0	-8	-92	-171	0	0	-271
TOTAL	0	-17	-192	-359	0	0	-568

297 (-22) MIL  
 275  
 -271 CIV

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BASE X, US

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
752	4,208	1,121	2,709

PERSONNEL REALIGNMENTS:  
 From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	0	0	0	1
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	107	0	0	0	107
TOTAL	0	0	111	0	0	0	111

TOTAL PERSONNEL REALIGNMENTS (Into BASE X, US):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	0	0	0	1
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	107	0	0	0	107
TOTAL	0	0	111	0	0	0	111

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
753	4,211	1,121	2,816

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/15  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

ONE-TIME COSTS -----(\$K)-----	1996 ----	1997 ----	1998 ----	1999 ----	2000 ----	2001 ----	Total -----
<b>CONSTRUCTION</b>							
MILCON	2,079	4,183	16,611	0	0	0	22,874
Fam Housing	3,866	0	38,659	0	0	0	42,525
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	0	18	395	287	0	0	700
Civ Retire	0	4	153	70	0	0	228
<b>CIV MOVING</b>							
Per Diem	0	0	539	0	0	0	539
POV Miles	0	0	60	0	0	0	60
Home Purch	0	0	1,780	0	0	0	1,780
HHG	0	0	1,330	0	0	0	1,330
Misc	0	0	124	0	0	0	124
House Hunt	0	0	533	0	0	0	533
PPS	0	86	806	1,497	0	0	2,390
RITA	0	0	850	0	0	0	850
<b>FREIGHT</b>							
Packing	0	0	72	232	0	0	305
Freight	0	0	14	0	0	0	15
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	3	69	50	0	0	122
<b>OTHER</b>							
Program Plan	2,508	1,881	1,411	1,058	0	0	6,859
Shutdown	0	10	331	743	0	0	1,084
New Hire	0	0	105	0	0	0	105
1-Time Move	0	0	0	1,500	0	0	1,500
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	0	53	0	0	0	53
POV Miles	0	0	44	0	0	0	44
HHG	0	0	394	0	0	0	394
Misc	0	0	78	0	0	0	78
<b>OTHER</b>							
Elim PCS	0	41	450	848	0	0	1,340
<b>OTHER</b>							
HAP / RSE	0	12	561	263	0	0	837
Environmental	0	0	0	0	0	0	0
Info Manage	0	101	6,051	0	0	0	6,152
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>8,454</b>	<b>6,340</b>	<b>71,478</b>	<b>6,551</b>	<b>0</b>	<b>0</b>	<b>92,823</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/15  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	730	1,461	1,461	1,461	5,113	1,461
O&M								
RPMA	0	0	521	521	521	521	2,086	521
BOS	0	0	823	2,720	2,720	2,720	8,985	2,720
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	408	470	470	470	1,817	470
OTHER								
Mission	0	0	0	0	776	776	1,552	776
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	2,483	5,173	5,949	5,949	19,553	5,949
TOTAL COST (1-TIME + RECUR)	8,454	6,340	73,961	11,723	5,949	5,949	112,376	5,949
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
---- (\$K) ----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	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	180	0	0	0	180	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	180	0	0	0	180	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	105	3,794	15,417	23,458	23,458	66,232	23,458
O&M								
RPMA	0	31	1,127	4,595	7,446	7,446	20,745	7,446
BOS	0	81	1,016	5,225	16,556	16,556	39,434	16,556
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	184	2,484	8,533	12,465	12,465	36,131	12,465
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	34	306	1,019	1,495	1,495	4,349	1,495
Enl Salary	0	123	1,682	5,802	8,486	8,486	24,580	8,486
House Allow	0	4	706	766	766	766	3,010	766
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	330	330	660	330
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	563	11,114	41,457	71,004	71,004	195,142	71,004
TOTAL SAVINGS (1-TIME + RECUR)	0	563	11,294	41,457	71,004	71,004	195,322	71,004



APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 4/15  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	418	4,183	0	0	0	0	4,602
Fam Housing	0	0	0	0	0	0	0
Land Purch	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
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	66	0	0	0	66
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
Info Manage	0	101	0	0	0	0	101
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	418	4,284	66	0	0	0	4,769



Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	418	4,183	0	0	0	0	4,602
Fam Housing	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
Other	0	0	66	0	0	0	66
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
Info Manage	0	101	0	0	0	0	101
1-Time Other	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0
TOTAL ONE-TIME	418	4,284	66	0	0	0	4,769

RECURRING NET	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	20	20	20	20	79	20
BOS	0	0	609	609	609	609	2,436	609
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	384	384	384	384	1,537	384
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	1,013	1,013	1,013	1,013	4,052	1,013
TOTAL NET COST	418	4,284	1,079	1,013	1,013	1,013	8,821	1,013

(NET OF MIL - HUACHUCA)

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT DETRICK, MD

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
----- (\$K) -----	-----	-----	-----	-----	-----	-----	-----
<b>CONSTRUCTION</b>							
MILCON	1,661	0	16,611	0	0	0	18,272
Fam Housing	3,866	0	38,659	0	0	0	42,525
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
<b>CIV MOVING</b>							
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
PPS	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
<b>FREIGHT</b>							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
<b>OTHER</b>							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	1,500	0	0	1,500
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
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
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	0	0
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	6,051	0	0	0	6,051
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>5,527</b>	<b>0</b>	<b>61,322</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>68,349</b>





APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 10/15  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	18	395	287	0	0	700
Civ Retire	0	4	153	70	0	0	228
<b>CIV MOVING</b>							
Per Diem	0	0	539	0	0	0	539
POV Miles	0	0	60	0	0	0	60
Home Purch	0	0	1,780	0	0	0	1,780
HHG	0	0	1,330	0	0	0	1,330
Misc	0	0	124	0	0	0	124
House Hunt	0	0	533	0	0	0	533
PPS	0	86	806	1,497	0	0	2,390
RITA	0	0	850	0	0	0	850
<b>FREIGHT</b>							
Packing	0	0	72	232	0	0	305
Freight	0	0	14	0	0	0	15
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	3	69	50	0	0	122
<b>OTHER</b>							
Program Plan	2,508	1,881	1,411	1,058	0	0	6,859
Shutdown	0	10	331	743	0	0	1,084
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	0	53	0	0	0	53
POV Miles	0	0	44	0	0	0	44
HHG	0	0	394	0	0	0	394
Misc	0	0	78	0	0	0	78
<b>OTHER</b>							
Elim PCS	0	41	450	848	0	0	1,340
<b>OTHER</b>							
HAP / RSE	0	12	561	263	0	0	837
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>2,508</b>	<b>2,056</b>	<b>10,051</b>	<b>5,051</b>	<b>0</b>	<b>0</b>	<b>19,666</b>

*W/S no 2 10/16/94 unrounded?*

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 11/15  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
<b>TOTAL COSTS</b>	<b>2,508</b>	<b>2,056</b>	<b>10,051</b>	<b>5,051</b>	<b>0</b>	<b>0</b>	<b>19,666</b>	<b>0</b>

ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	180	0	0	0	180	0
OTHER								
Land Sales	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	180	0	0	0	180	0

RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	105	3,794	15,417	23,458	23,458	66,232	23,458
O&M								
RPMA	0	31	1,127	4,695	7,446	7,446	20,745	7,446
BOS	0	81	1,016	5,225	16,556	16,556	39,434	16,556
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	184	2,484	8,533	12,465	12,465	36,131	12,465
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	34	306	1,019	1,495	1,495	4,349	1,495
Enl Salary	0	123	1,682	5,802	8,486	8,486	24,580	8,486
House Allow	0	4	706	766	766	766	3,010	766
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	330	330	660	330
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	563	11,114	41,457	71,004	71,004	195,142	71,004
TOTAL SAVINGS	0	563	11,294	41,457	71,004	71,004	195,322	71,004

*Environmental Compliance Cost Avoidance*

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 12/15  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
Civ Retir/RIF	0	22	548	357	0	0	927	
Civ Moving	0	86	6,110	1,731	0	0	7,927	
Other	2,508	1,894	1,811	1,851	0	0	8,065	
<b>MIL PERSONNEL</b>								
Mil Moving	0	41	840	848	0	0	1,730	
<b>OTHER</b>								
HAP / RSE	0	12	561	263	0	0	837	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>2,508</b>	<b>2,056</b>	<b>9,871</b>	<b>5,051</b>	<b>0</b>	<b>0</b>	<b>19,486</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	-105	-3,794	-15,417	-23,458	-23,458	-66,232	-23,458
<b>O&amp;M</b>								
RPMA	0	-31	-1,127	-4,695	-7,446	-7,446	-20,745	-7,446
BOS	0	-81	-1,016	-5,225	-16,556	-16,556	-39,434	-16,556
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-184	-2,484	-8,533	-12,465	-12,465	-36,131	-12,465
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	-157	-1,988	-6,821	-9,981	-9,981	-28,929	-9,981
House Allow	0	-4	-706	-766	-766	-766	-3,010	-766
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	-330	-330	-660	-330
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>-563</b>	<b>-11,114</b>	<b>-41,457</b>	<b>-71,004</b>	<b>-71,004</b>	<b>-195,142</b>	<b>-71,004</b>
<b>TOTAL NET COST</b>	<b>2,508</b>	<b>1,493</b>	<b>-1,243</b>	<b>-36,405</b>	<b>-71,004</b>	<b>-71,004</b>	<b>-175,656</b>	<b>-71,004</b>

(# OF ALL - RITCHIE)

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 13/15  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US

ONE-TIME COSTS ----- (\$K) -----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	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
PPS	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
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	39	0	0	0	39
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
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	39	0	0	0	39



Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US								
ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Other	0	0	39	0	0	0	39	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>0</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>	
RECURRING NET	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>FAM HOUSE OPS</b>								
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	214	214	214	214	857	214
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
<b>CHAMPUS</b>								
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	23	23	23	23	94	23
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>0</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>950</b>	<b>238</b>
<b>TOTAL NET COST</b>	<b>0</b>	<b>0</b>	<b>276</b>	<b>238</b>	<b>238</b>	<b>238</b>	<b>989</b>	<b>238</b>

(# OF ALL-BASE X)

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	22,873,647	
Family Housing Construction	42,525,238	
Information Management Account	6,152,282	
Land Purchases	0	
Total - Construction		71,551,168
Personnel		
Civilian RIF	699,629	
Civilian Early Retirement	227,690	
Civilian New Hires	105,355	
Eliminated Military PCS	1,339,723	
Unemployment	122,148	
Total - Personnel		2,494,546
Overhead		
Program Planning Support	6,859,190	
Mothball / Shutdown	1,083,750	
Total - Overhead		7,942,940
Moving		
Civilian Moving	5,216,987	
Civilian PPS	2,390,400	
Military Moving	570,359	
Freight	319,540	
One-Time Moving Costs	1,500,000	
Total - Moving		9,997,285
Other		
HAP / RSE	836,924	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		836,924
-----		92,822,863
Total One-Time Costs		92,822,863
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	180,165	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		180,165
Total One-Time Savings		180,165
-----		92,642,698
Total Net One-Time Costs		92,642,698

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	4,601,659	
Family Housing Construction	0	
Information Management Account	100,800	
Land Purchases	0	
<b>Total - Construction</b>		<b>4,702,459</b>
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	66,540	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		<b>66,540</b>
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		<b>0</b>
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		<b>0</b>
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		<b>0</b>
<b>Total One-Time Costs</b>		<b>4,768,999</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
<b>Total Net One-Time Costs</b>		<b>4,768,999</b>

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT DETRICK, MD  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	18,271,987	
Family Housing Construction	42,525,238	
Information Management Account	6,051,482	
Land Purchases	0	
Total - Construction		66,848,708
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	1,500,000	
Total - Moving		1,500,000
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
-----		
Total One-Time Costs		68,348,708
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		68,348,708

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	699,629	
Civilian Early Retirement	227,690	
Civilian New Hires	0	
Eliminated Military PCS	1,339,723	
Unemployment	122,148	
Total - Personnel		2,389,191
Overhead		
Program Planning Support	6,859,190	
Mothball / Shutdown	1,083,750	
Total - Overhead		7,942,940
Moving		
Civilian Moving	5,216,987	
Civilian PPS	2,390,400	
Military Moving	570,359	
Freight	319,540	
One-Time Moving Costs	0	
Total - Moving		8,497,285
Other		
HAP / RSE	836,924	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		836,924
-----		
Total One-Time Costs		19,666,341
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	180,165	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		180,165
-----		
Total Net One-Time Costs		19,486,175

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	38,815	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		38,815
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
-----	-----	-----
Total One-Time Costs		38,815
-----	-----	-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		38,815

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
----	-----	-----	-----	-----	-----
FORT HUACHUCA	274	3%	10,000	0%	36
FORT DETRICK	936	25%	777,182	53%	830
FORT RITCHIE	-1,889	-100%	-867,000	-100%	459
BASE X	111	1%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
----	-----	-----	-----	-----	-----	-----
FORT HUACHUCA	19,670	0%	72	608,960	1%	2,222
FORT DETRICK	501,836	8%	536	1,897,474	13%	2,027
FORT RITCHIE	-7,446,000	-100%	3,942	-16,556,529	-100%	8,765
BASE X	0	0%	0	214,155	1%	1,929

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
----	-----	-----	-----
FORT HUACHUCA	628,630	1%	2,294
FORT DETRICK	2,399,310	12%	2,563
FORT RITCHIE	-24,002,529	-103%	12,706
BASE X	214,155	0%	1,929

RPMA/BOS CHANGE REPORT (COBRA v5.08)

Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-31	-605	-4,173	-6,924	-6,924	-18,659	-6,924
BOS Change	0	-81	-193	-2,504	-13,836	-13,836	-30,449	-13,836
Housing Change	0	-105	-3,063	-13,956	-21,997	-21,997	-61,120	-21,997
<b>TOTAL CHANGES</b>	<b>0</b>	<b>-217</b>	<b>-3,861</b>	<b>-20,634</b>	<b>-42,758</b>	<b>-42,758</b>	<b>-110,228</b>	<b>-42,758</b>

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	273	334	0	0	607
Early Retirement*	10.00%	0	0	28	0	0	0	28
Regular Retirement*	5.00%	0	0	13	0	0	0	13
Civilian Turnover*	15.00%	0	0	41	0	0	0	41
Civs Not Moving (RIFs)*+		0	0	16	0	0	0	16
Civilians Moving (the remainder)		0	0	175	334	0	0	509
Civilian Positions Available		0	0	98	0	0	0	98
CIVILIAN POSITIONS ELIMINATED		0	8	92	171	0	0	271
Early Retirement	10.00%	0	1	9	17	0	0	27
Regular Retirement	5.00%	0	0	5	9	0	0	14
Civilian Turnover	15.00%	0	1	14	26	0	0	41
Civs Not Moving (RIFs)*+		0	0	6	10	0	0	16
Priority Placement#	60.00%	0	5	55	103	0	0	163
Civilians Available to Move		0	1	3	6	0	0	10
Civilians Moving		0	0	3	0	0	0	3
Civilian RIFs (the remainder)		0	1	0	6	0	0	7
CIVILIAN POSITIONS REALIGNING IN		0	0	273	334	0	0	607
Civilians Moving		0	0	178	334	0	0	512
New Civilians Hired		0	0	95	0	0	0	95
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	1	37	17	0	0	55
TOTAL CIVILIAN RIFS		0	1	22	16	0	0	39
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	5	55	103	0	0	163
TOTAL CIVILIAN NEW HIRES		0	0	95	0	0	0	95

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

# Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	166	0	0	0	166
Civilians Moving		0	0	106	0	0	0	106
New Civilians Hired		0	0	60	0	0	0	60
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		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	60	0	0	0	60

\* 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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT DETRICK, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	334	0	0	334
Civilians Moving		0	0	0	334	0	0	334
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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	273	334	0	0	607
Early Retirement*	10.00%	0	0	28	0	0	0	28
Regular Retirement*	5.00%	0	0	13	0	0	0	13
Civilian Turnover*	15.00%	0	0	41	0	0	0	41
Civs Not Moving (RIFs)*	6.00%	0	0	16	0	0	0	16
Civilians Moving (the remainder)		0	0	175	334	0	0	509
Civilian Positions Available		0	0	98	0	0	0	98
CIVILIAN POSITIONS ELIMINATED		0	8	92	171	0	0	271
Early Retirement	10.00%	0	1	9	17	0	0	27
Regular Retirement	5.00%	0	0	5	9	0	0	14
Civilian Turnover	15.00%	0	1	14	26	0	0	41
Civs Not Moving (RIFs)*	6.00%	0	0	6	10	0	0	16
Priority Placement#	60.00%	0	5	55	103	0	0	163
Civilians Available to Move		0	1	3	6	0	0	10
Civilians Moving		0	0	3	0	0	0	3
Civilian RIFs (the remainder)		0	1	0	6	0	0	7
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	1	37	17	0	0	55
TOTAL CIVILIAN RIFs		0	1	22	16	0	0	39
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	5	55	103	0	0	163
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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	107	0	0	0	107
Civilians Moving		0	0	72	0	0	0	72
New Civilians Hired		0	0	35	0	0	0	35
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	35	0	0	0	35

\* 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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFP

Base: FORT HUACHUCA, AZ

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	0.00%	0	0.00%	16.67%
1997	0	0.00%	100.00%	0	0.00%	16.67%
1998	274	100.00%	0.00%	0	0.00%	16.67%
1999	0	0.00%	0.00%	0	0.00%	16.67%
2000	0	0.00%	0.00%	0	0.00%	16.67%
2001	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	274	100.00%	100.00%	0	0.00%	100.00%

Base: FORT DETRICK, MD

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	0.00%	0	0.00%	16.67%
1997	0	0.00%	0.00%	0	0.00%	16.67%
1998	0	0.00%	100.00%	0	0.00%	16.67%
1999	936	100.00%	0.00%	0	0.00%	16.67%
2000	0	0.00%	0.00%	0	0.00%	16.67%
2001	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	936	100.00%	100.00%	0	0.00%	100.00%

Base: FORT RITCHIE, MD

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	50.00%	0	0.00%	0.00%
1997	0	0.00%	25.00%	17	0.90%	0.90%
1998	0	0.00%	25.00%	577	30.55%	30.55%
1999	0	0.00%	0.00%	1,295	68.55%	68.55%
2000	0	0.00%	0.00%	0	0.00%	0.00%
2001	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	1889	100.00%	100.00%

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	0.00%	0	0.00%	16.67%
1997	0	0.00%	100.00%	0	0.00%	16.67%
1998	111	100.00%	0.00%	0	0.00%	16.67%
1999	0	0.00%	0.00%	0	0.00%	16.67%
2000	0	0.00%	0.00%	0	0.00%	16.67%
2001	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	111	100.00%	100.00%	0	0.00%	100.00%

NET PRESENT VALUES REPORT (COBRA v5.08)  
 Data As Of 09:35 09/09/1994, Report Created 14:44 03/14/1995

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

Year	Cost (\$)	Adjusted Cost (\$)	NPV (\$)
----	-----	-----	-----
1996	8,453,857	8,339,960	8,339,960
1997	5,777,116	5,546,747	13,886,708
1998	62,666,319	58,557,106	72,443,814
1999	-29,733,617	-27,040,289	45,403,525
2000	-65,055,030	-57,578,804	-12,175,279
2001	-65,055,030	-56,037,766	-68,213,045
2002	-65,055,030	-54,537,971	-122,751,017
2003	-65,055,030	-53,078,318	-175,829,335
2004	-65,055,030	-51,657,730	-227,487,065
2005	-65,055,030	-50,275,163	-277,762,228
2006	-65,055,030	-48,929,599	-326,691,828
2007	-65,055,030	-47,620,048	-374,311,876
2008	-65,055,030	-46,345,545	-420,657,421
2009	-65,055,030	-45,105,154	-465,762,575
2010	-65,055,030	-43,897,960	-509,660,535
2011	-65,055,030	-42,723,075	-552,383,610
2012	-65,055,030	-41,579,635	-593,963,245
2013	-65,055,030	-40,466,798	-634,430,044
2014	-65,055,030	-39,383,745	-673,813,789
2015	-65,055,030	-38,329,679	-712,143,468

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
-----	-----	-----	-----	-----	-----
FORT HUACHUCA	4,602	101	0	0	4,702
FORT DETRICK	60,797	6,051	0	0	66,849
FORT RITCHIE	0	0	0	0	0
BASE X	0	0	0	0	0
-----	-----	-----	-----	-----	-----
Totals:	65,399	6,152	0	0	71,551

- PAIEN  
 - PAIEN

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

MilCon for Base: FORT HUACHUCA, AZ

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
-----	-----	-----	-----	-----	-----	-----
ACSIM 13 DEC 94						
GEN PURP WAREHOUSE	STORA	0	0	10,000	1,013	1,013
ACSIM 13 DEC						
GEN PURP ADMIN	ADMIN	34,000	3,589	0	0	3,589
ACSIM 13 DEC						
ACSIM 13 DEC						
ACSIM 13 DEC						
-----						
Total Construction Cost:						4,602
+ Info Management Account:						101
+ Land Purchases:						0
- Construction Cost Avoid:						0
-----						
TOTAL:						4,702

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

Department : ARMY  
 Option Package : CA11-2R  
 Scenario File : C:\COBRA\CA11-2R.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

MilCon for Base: FORT DETRICK, MD

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
ACSIM 13 DEC						
GEN PURP WAREHOUSE	STORA	0	0	13,000	976	976
ACSIM 13 DEC						
GEN PURP ADMIN	ADMIN	0	0	38,000	5,038	5,038
ACSIM 13 DEC						
FAMILY HOUSING	FAMLQ	0	0	354	42,525	42,525
ACSIM 13 DEC						
UNACCOMP ENL HOUSING	BACHQ	0	0	212	12,258	12,258
ACSIM 13 DEC						
ACSIM 13 DEC						
Total Construction Cost:						60,797
+ Info Management Account:						6,051
+ Land Purchases:						0
- Construction Cost Avoid:						0
TOTAL:						66,849

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

FOR OFFICIAL USE ONLY

SAMAS as of 16 MAY 94

ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT RITCHIE  
Army Code = 24745  
Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr	Br Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit		Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DODAAC	Compo		MDEP	CCNUM							

TYPE UNIT: TOE UNITS

WCUVAA	00 0572 MP	CO PHYSICAL SCTY	19097H400100	J	OFF:	0					
CZ 33577			SMS	19940928	WOF:	0					
W23L13		1	WLEA		ENL:	0					
WH4UAA	00 0007 SC	CMD THEATER SIG CMD	11602L000100	J	OFF:	0					
CZ 35001			SMS	19931118	WOF:	0					
W23SBH		1	W47C		ENL:	0					

TOTAL OFF:	0	0	0	0	0	0	0
TOTAL WOF:	0	0	0	0	0	0	0
TOTAL ENL:	0	0	0	0	0	0	0

TOE UNITS

TYPE UNIT: TDA AUG TO TOE UNIT

WH4U-9	00 0007	AUGSC HHC CMD		R	OFF:	-1	-1	-1	-1	-1	-1
CZ 35001			SMSDAI	19931101	WOF:	0	0	0	0	0	0
WB1FA5		1	GP31	CZ0294	ENL:	0	0	0	0	0	0
					USC:	-21	-21	-21	-21	-21	-21

TOTAL OFF:	-1	-1	-1	-1	-1	-1
TOTAL WOF:	0	0	0	0	0	0
TOTAL ENL:	0	0	0	0	0	0
TOTAL USC:	-21	-21	-21	-21	-21	-21

TYPE UNIT: TDA AUG TO TOE UNIT

TYPE UNIT: TDA UNITS

W065AA	W065	HQ GARRISON		R	OFF:	19	18	18	18	18	18
MW 46551			SMS	19951001	WOF:	1	1	1	1	1	1
W23P47		1	MXSH		ENL:	267	243	243	243	243	243
					USC:	327	302	304	305	305	305
W10Y01	W10Y	ELEUSA-C&C TECH CEN			OFF:	0	1	1	1	1	1
DF 56711	W10Y AN	MCC COMP OPS	TAD		WOF:	0	0	0	0	0	0
		1	JDFC	DF0195	ENL:	12	26	26	26	26	26
					USC:	0	2	2	2	2	2
W1B61A	W1B6	ELEUSA OJCS			OFF:	7	7	7	7	7	7
DF 57951	JCS SPT	ELEMENT SITE R	DAR		WOF:	0	0	0	0	0	0
		1	JDFC		ENL:	23	23	23	23	23	23
W2B5AA	W2B5	U ISC FT RITCHES		M	OFF:	0	0	0	0	0	0
CZ 46401			SMS	19941001	WOF:	0	0	0	0	0	0
		1	MXEC		ENL:	32	32	32	32	32	32
					USC:	43	43	43	43	43	43
W2KR1A	W2KR	ACTUSA MED DEPT			OFF:	0	0	0	0	0	0
HS 46501	SPT ELE	W2KR02 (FY94 AUGMENTAT	DAR		WOF:	0	0	0	0	0	0
		1	VCND		ENL:	7	0	0	0	0	0
W2KR02	W2KR	ACTUSA MED DEPT			OFF:	3	3	3	3	3	3
HS 46501	W2KR USA	HLTH CLN FT RICHIE	TAD		WOF:	0	0	0	0	0	0
		1	VCND	HS0295	ENL:	5	7	7	7	7	7
					USC:	20	20	20	20	20	20
W2KR03	W2KR	ACTUSA MED DEPT			OFF:	3	3	3	3	3	3
46501	W2KR USA	DEN CLN FT RICHIE	TAD		WOF:	0	0	0	0	0	0
		1	VCND	HS0295	ENL:	6	6	6	6	6	6
					USC:	2	2	2	2	2	2

FOR OFFICIAL USE ONLY

SAMAS as of 16 MAY 94

ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT RITCHIE  
In Code = 24745  
Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr	Br Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit	Compo	Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DODAAC			MDEP	CCNUM							
106502		DIA									
DF			DAI	OFF:	1	1	1	1	1	1	1
				WOF:	0	0	0	0	0	0	0
				ENL:	3	3	3	3	3	3	3
106503		JCC									
JA			DAI	OFF:	4	4	4	4	4	4	4
				WOF:	0	0	0	0	0	0	0
				ENL:	35	35	35	35	35	35	35
				USC:	3	3	3	3	3	3	3
106504		DEFENSE INFO SYSTEMS		J							
DF		HQ DEFENSE INFO SERVICES ORG	DAI	OFF:	4	4	4	0			
				WOF:	0	0	0	0			
				ENL:	3	3	3	0			
				USC:	35	35	35	0			
106505		DEFENSE INFO SYSTEMS									
DF		SYS MGMT CTR COMP OPS SUPP	DAI	OFF:	1	1	1	1	1	1	1
				WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	12	12	12	12	12	12	12
06501		CREDIT UNION									
CU		LETTERKENNEY	DAI	OFF:	0	0	0	0	0	0	0
				WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	0	0	0	0	0	0	0
				OTH:	7	7	7	7	7	7	7
10707		AAFES									
		MAIN STORE	DAI	OFF:	0	0	0	0	0	0	0
				WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	0	0	0	0	0	0	0
				OTH:	47	47	47	47	47	47	47
041015		AAFES		J							
AX		FT RITCHIE AMCSS	DAI	OFF:	0						
				WOF:	0						
				ENL:	0						
06501		BASOPS CONTRACT									
CM			DAI	OFF:	0	0	0	0	0	0	0
				WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	0	0	0	0	0	0	0
				OTH:	151	151	151	151	151	151	151
06502		CONTRACT SUPPORT									
CM		MISSION SP	DAI	OFF:	0	0	0	0	0	0	0
				WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	0	0	0	0	0	0	0
				OTH:	105	105	105	105	105	105	105
CC1001		NON-APPROPRIATED FUND									
NF		FT RITCHIE INSTL MWR FUND	DAI	OFF:	0	0	0	0	0	0	0
				WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	0	0	0	0	0	0	0
				OTH:	131	131	131	131	131	131	131
CC2002		NON-APPROPRIATED FUND		J							
NF		FT RITCHIE PCS RESTAURANT FND	DAI	OFF:	0						
				WOF:	0						
				ENL:	0						
CC3005		NON-APPROPRIATED FUND		J							
NF		FT RITCHIE CIV WEL FUND	DAI	OFF:	0						
				WOF:	0						
				ENL:	0						

FOR OFFICIAL USE ONLY

SAMAS as of 16 MAY 94

ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT RITCHIE  
In Code = 24745  
Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr	Br	Parent Unit	SRC	ACTCO	FY	FY	FY	FY	FY	FY	FY
Asgt TPSN	Derivative Unit		Source	EDATE		1994	1995	1996	1997	1998	1999	2000
DODAAC	Compo		MDEP	CCNUM								
W4DUNN			COMD INF SYS NON-ADD		OFF:	0	0	0	0	0	0	0
CZ				DAI	WOF:	0	0	0	0	0	0	0
					ENL:	0	0	0	0	0	0	0
					USC:	2	2	2	2	2	2	2
OTHER TENANTS						TOTAL OFF:	29	29	29	25	25	25
						TOTAL WOF:	0	0	0	0	0	0
						TOTAL ENL:	132	132	132	129	129	129
						TOTAL USC:	104	104	104	69	69	69
						TOTAL OTH:	455	455	455	455	455	455
INSTALLATION TOTALS						TOTAL OFF:	89	89	89	85	77	77
						TOTAL WOF:	6	6	6	6	6	6
						TOTAL ENL:	990	966	966	963	959	959
						TOTAL MIL:	1085	1061	1061	1054	1042	1042
						TOTAL USC:	1190	1132	1110	1061	946	946
						TOTAL OTH:	455	455	455	455	455	455
						TOTAL CIV:	1645	1587	1565	1516	1401	1401
						TOTAL POP:	2730	2648	2626	2570	2443	2443

Supported Population (All Services)

Active: 1218  
 Dependents of Active: 4237  
 Reserve Component: 182  
 Dependents of Reserve Component: 310  
 Retiree: 3733  
 Dependents of Retiree + Survivors: 5271  
 -----  
 14951

Source: FY 1993 DEERS data from the Defense Medical Information System (DMIS)



# THE ARMY BASING STUDY

## BRAC 95 ALTERNATIVE DOCUMENTATION SET

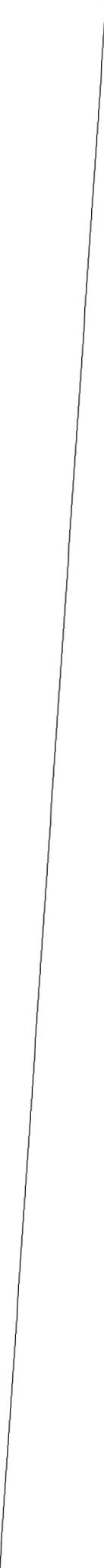
**ALTERNATIVE NO.**

CA11-2Q

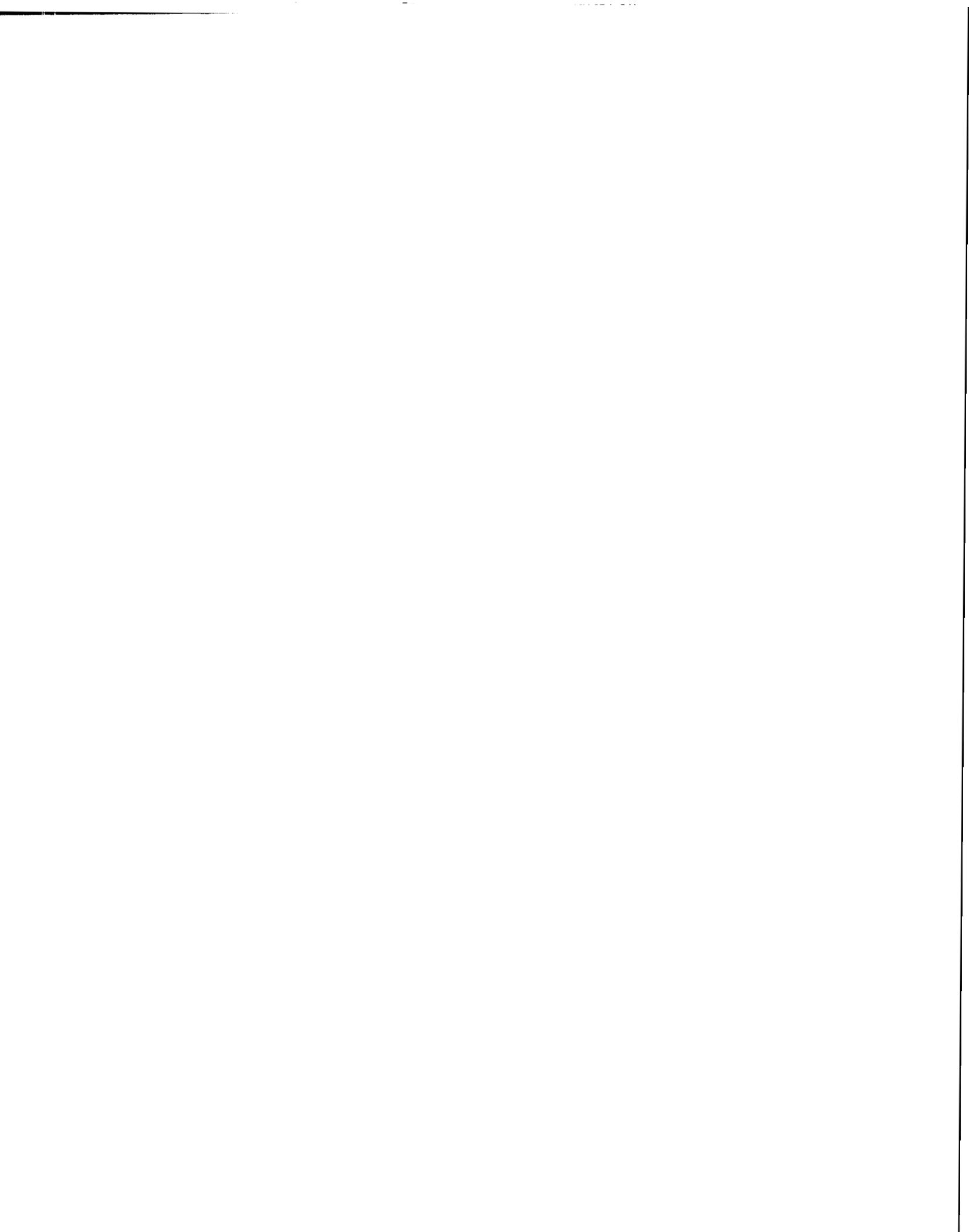
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### SECTION I

## SCENARIO DEVELOPMENT







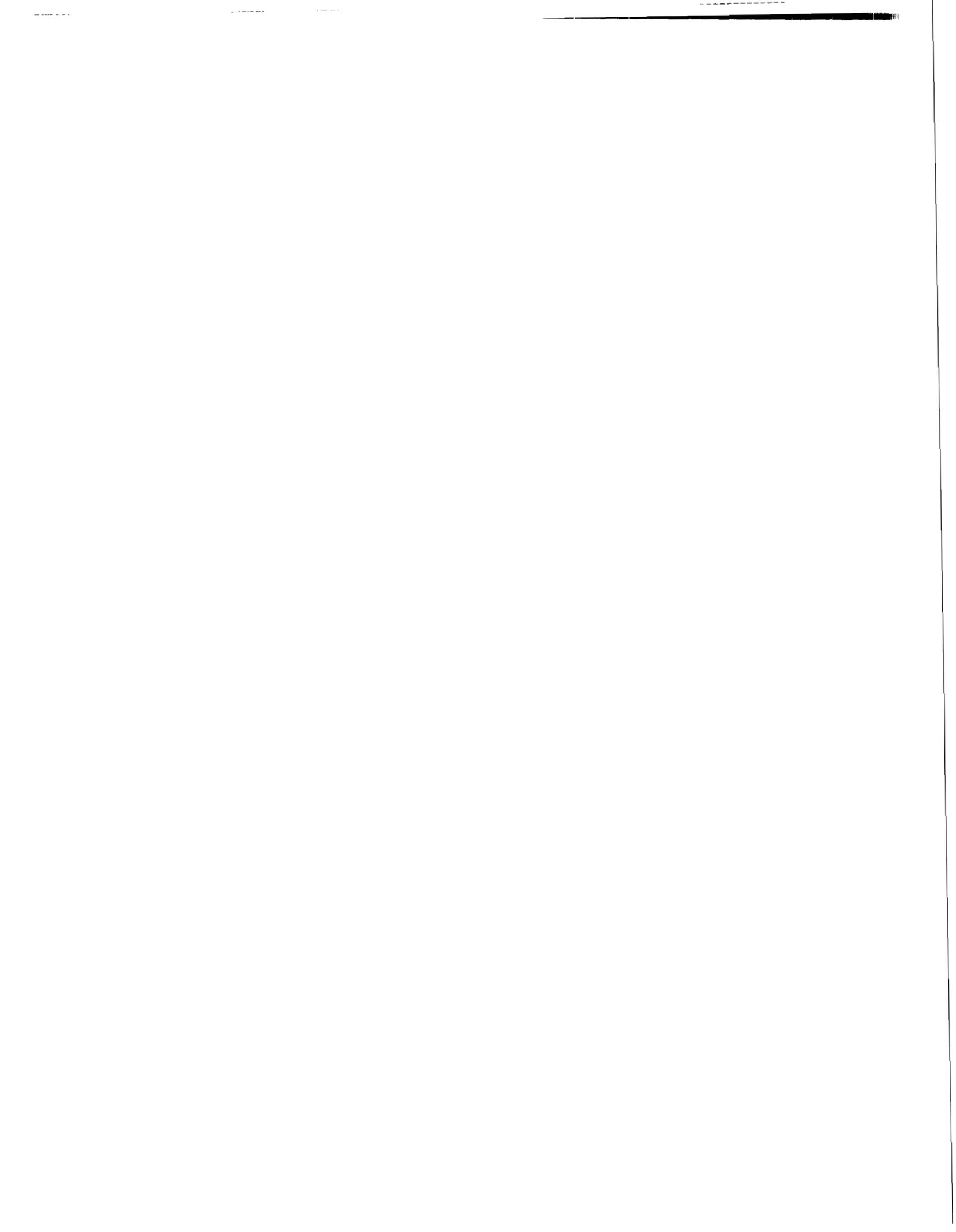


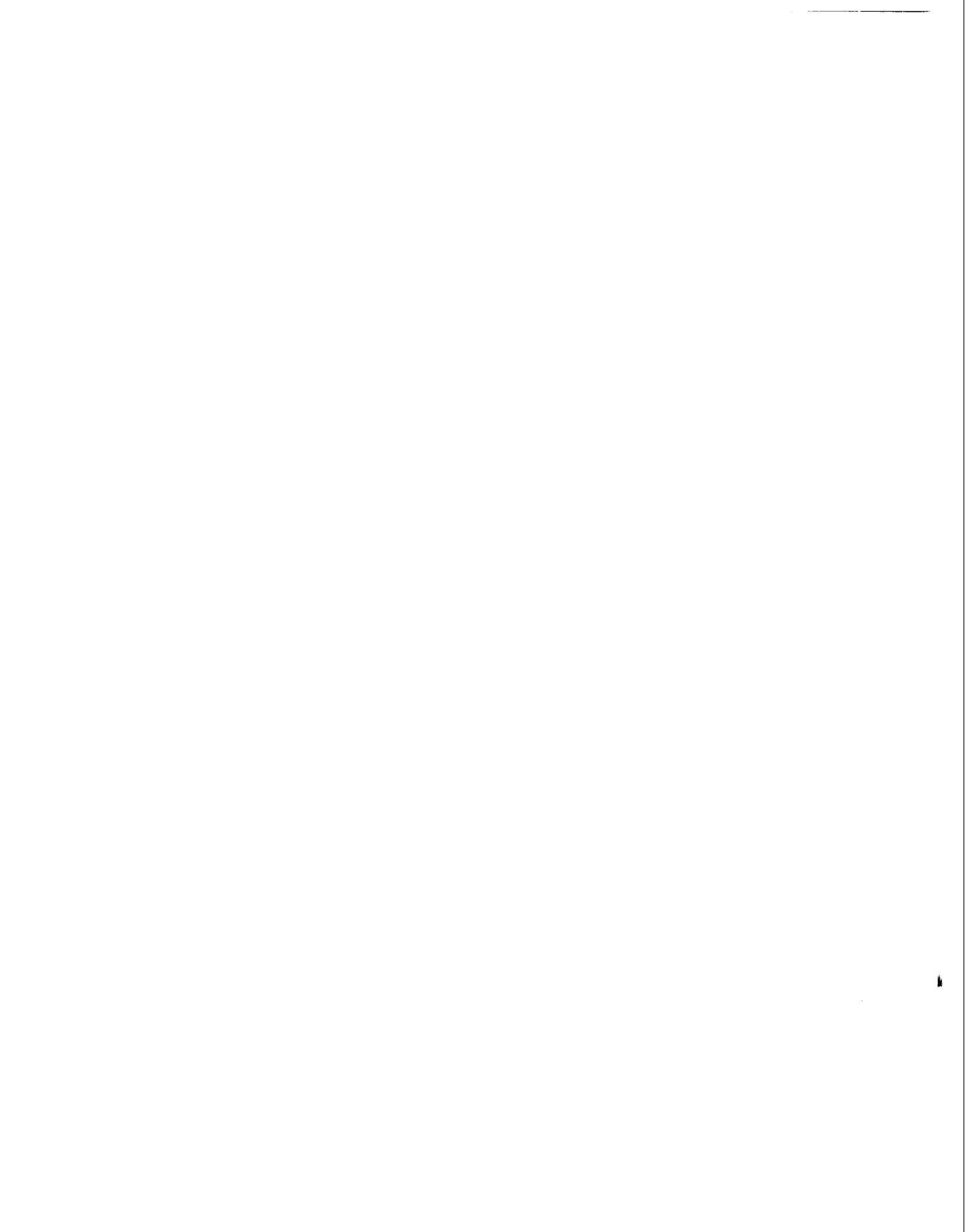


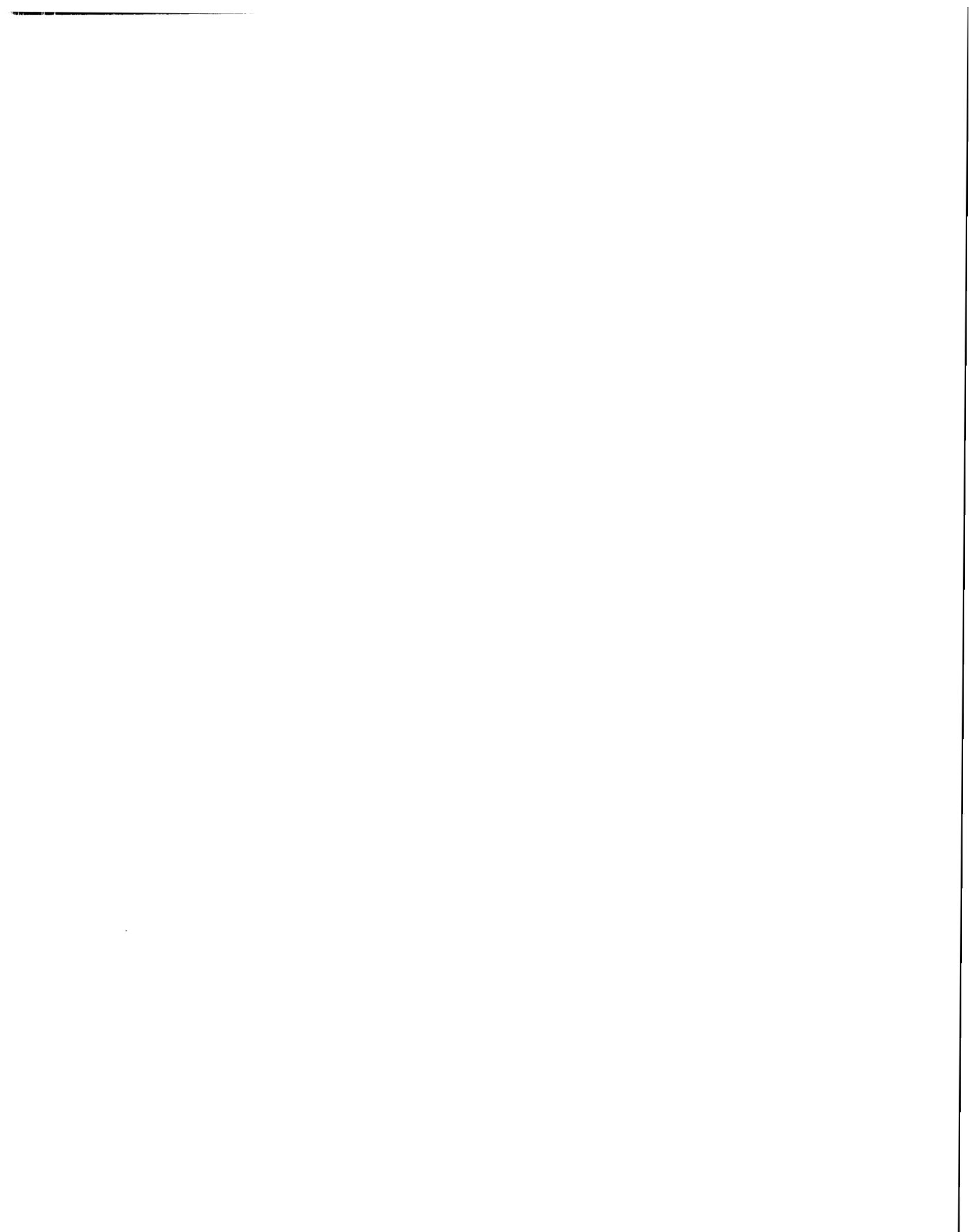




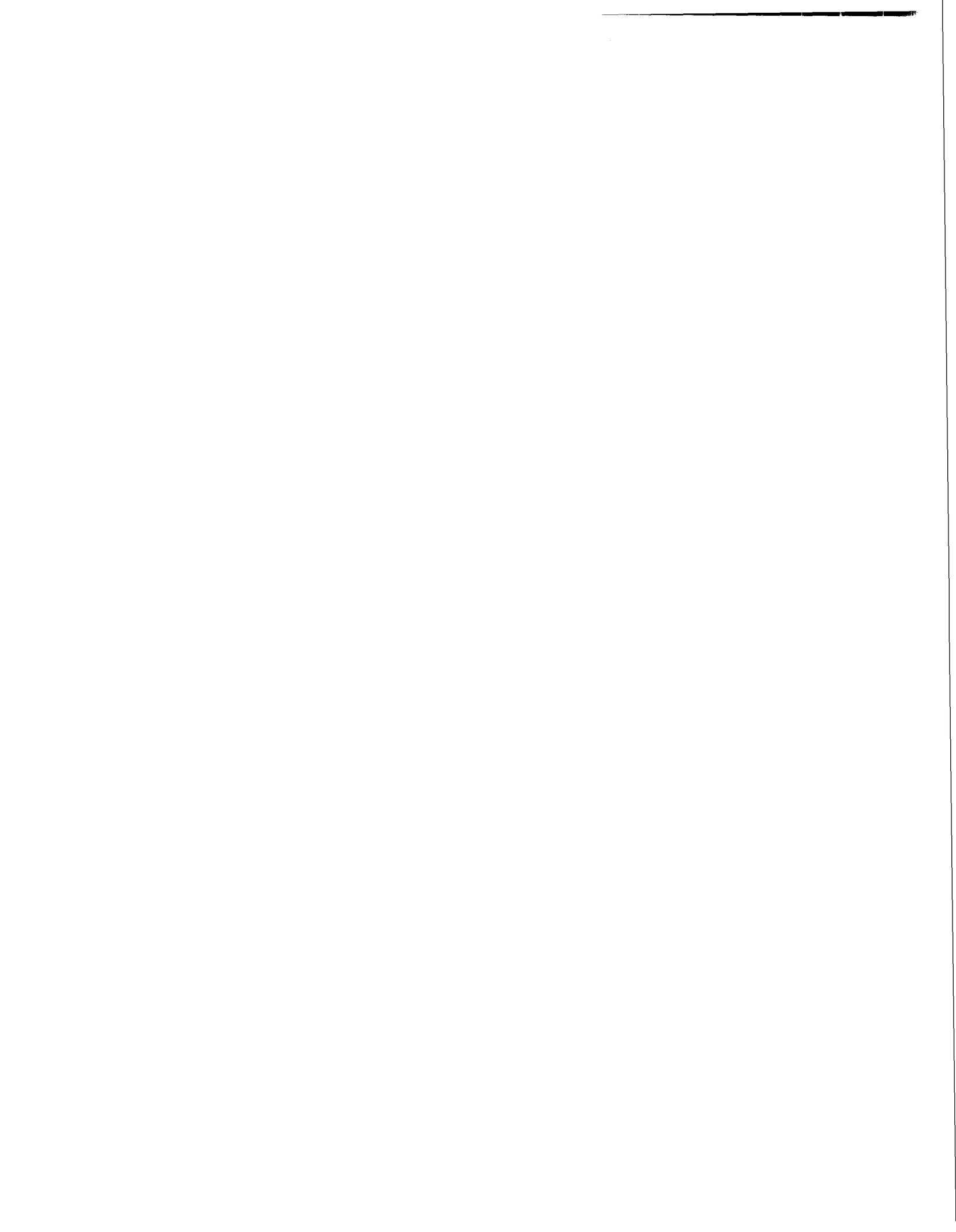


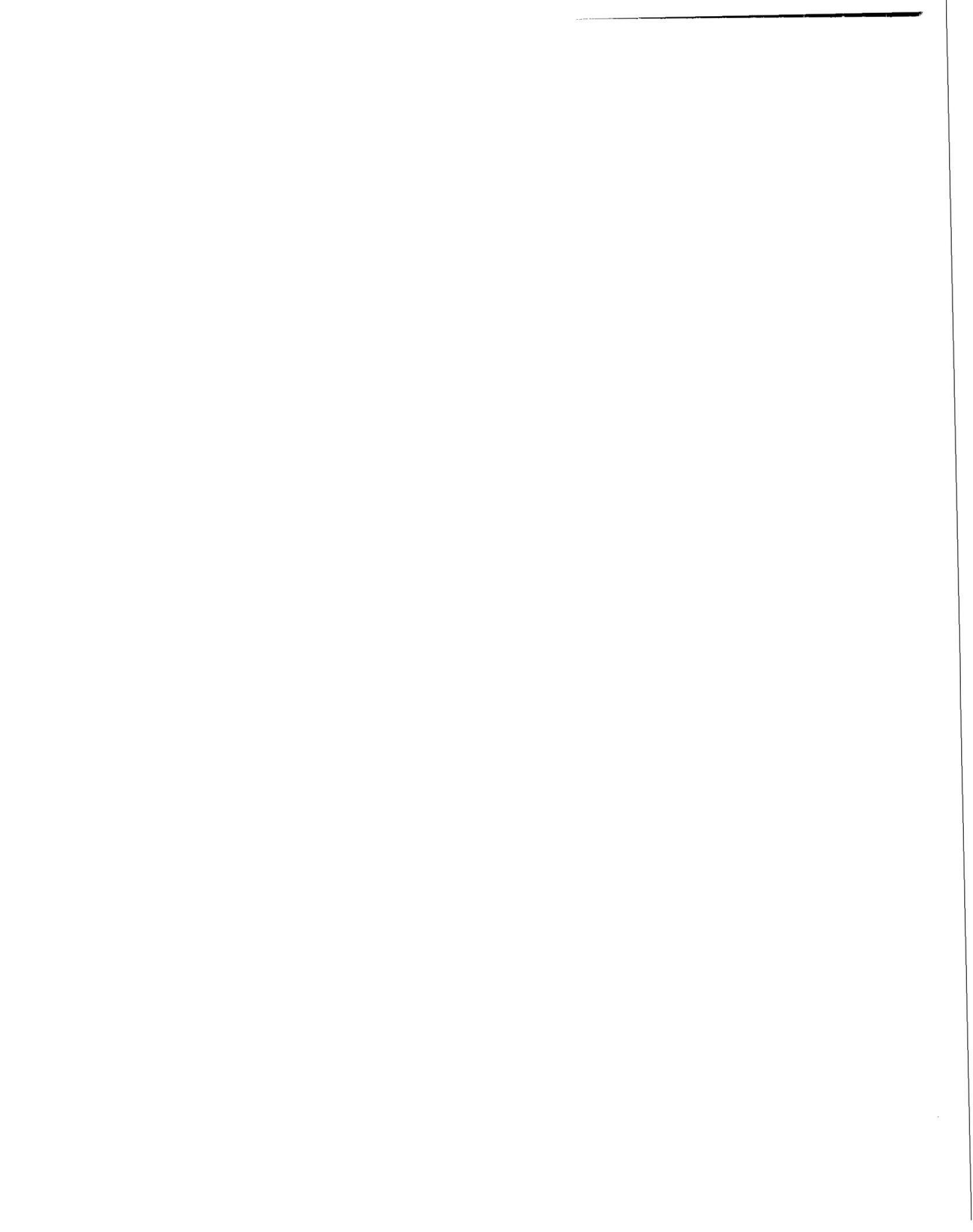
















09/19/94  
HQRPLANS

ASIP TROOP LIST ORDERED BY MAJOR UNIT  
Ft Ritchie -- 24625  
MAJOR UNIT A -- 7th SIGNAL CMD  
FY 1996

Database  
Ver 4.20

MC	UIC	SRC	CA RS	UNUM	BR	DESCRIPTION	OFF	WOF	ENL	TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
CM	06502					CONTRACT SUPPO	0	0	0	0	0	105	105	105
AF	FJ4L					AIR FORCE	4	0	35	39	0	3	3	42
CZ	W44U-9		00	0007		AUGSC HHC CMD	-1	0	0	-1	-21	0	-21	-22
							3	0	35	38	-21	108	87	125

09/19/94  
HQRPLANS

ASIP TROOP LIST ORDERED BY MAJOR UNIT  
Ft Ritchie -- 24625  
MAJOR UNIT Y -- TENANTS  
FY 1996

Database  
Ver 4.20

MC	UIC	SRC	CA RS	UNUM	BR	DESCRIPTION	OFF	WOF	ENL	TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
DF	106501					DEFENSE INVEST	0	0	0	0	9	0	9	9
MC	H54008					US MARINE CORP	0	0	1	1	0	0	0	1
AF	FYVF					AIR FORCE	0	0	1	1	0	0	0	1
AF	FWIV					AIR FORCE	2	0	2	4	0	0	0	4
AF	FTH7					AIR FORCE	1	0	5	6	0	0	0	6
AF	FSM4					AIR FORCE	0	0	19	19	0	0	0	19
AF	FM2B					AIR FORCE	2	0	4	6	0	0	0	6
AF	F2MF					AIR FORCE	9	0	6	15	6	0	6	21
CU	\$06501					CREDIT UNION	0	0	0	0	0	7	7	7
CZ	W40UNA		W40U			CHDINF SYS TST	0	0	3	3	0	5	5	8
CZ	W40U-A		W40U			CHDINF SYS TST	4	2	14	20	34	0	34	54
AS	W3S21A		W3S2			BN USAINSCOM H	0	0	0	0	3	0	3	3
CZ	W3HJAA		W3HJ			AGYUSACEEIA-CO	6	0	134	140	237	0	237	377
DF	W1861A		W186			ELEUSA OJCS	7	0	23	30	0	0	0	30
DF	W10Y01		W10Y			ELEUSA-C&C TEC	1	0	26	27	2	0	2	29
NA	N64751					OP NAV SUPP	1	0	2	3	0	0	0	3
NA	N42064					NAVY	0	0	13	13	0	0	0	13
CZ	W4P809		W4P8			ACTMGT ENG	0	0	0	0	15	0	15	15
CZ	W4P806		W4P8			ACTMGT ENG	6	1	34	41	152	0	152	193
DF	W49060		W49C			DEF MEGA CTR	8	0	4	12	115	0	115	127
DF	W49071		W490			CTROFAS INDIA	0	0	0	0	44	0	44	44
XX	W45904		W459			USA TMDE SPT G	0	0	3	3	2	0	2	5
DF	106502					DIA	1	0	3	4	0	0	0	4
JA	106503					JCC	4	0	35	39	3	0	3	42
DF	106504					DEFENSE INFO S	4	0	3	7	35	0	35	42
CZ	W40UNN					COMD INF SYS N	0	0	0	0	2	0	2	2
DF	106505					DEFENSE INFO S	1	0	0	1	12	0	12	13
							57	3	335	395	671	12	683	1078

09/19/94  
HQRPLANS

ASIP TROOP LIST ORDERED BY MAJOR UNIT  
Ft Ritchie -- 24625  
MAJOR UNIT Z -- GARRISON  
FY 1996

Database  
Ver 4.20

MC	UIC	SRC	CA RS	UNUM	BR	DESCRIPTION	OFF	WOF	ENL	TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
MW	W065AA		W065			HQ GARRISON	18	1	243	262	304	0	304	566
CZ	W35T-A		W35T			CTRUSAISC SITE	5	2	307	314	54	0	54	368
DF	DOM19					DEFENSE COMSY	0	0	0	0	37	6	43	43
HS	W2KR1A		W2KR			ACTUSA MED DEP	0	0	0	0	0	0	0	0
HS	W2KR05		W2KR			ACTUSA MED DEP	0	0	1	1	0	0	0	1
HS	W2KR02		W2KR			ACTUSA MED DEP	3	0	7	10	20	0	20	30
NF	CC1001					NON-APPROPRIAT	0	0	0	0	0	131	131	131
CZ	W2B5AA		W2B5			U ISC FT RITC	0	0	32	32	43	0	43	75
HS	W2KR03		W2KR			ACTUSA MED DEP	3	0	6	9	2	0	2	11
AX	040707					AAFES	0	0	0	0	0	47	47	47
CM	06501					BASOPS CONTRAC	0	0	0	0	0	151	151	151
							29	3	596	628	460	335	795	1423
							89	6	966	1061	460	455	1565	2626
										1061	1110			

09/19/94  
HQRPLANS

29 3 596 628 460 335 795 1423  
ASIP TROOP LIST ORDERED BY MAJOR UNIT  
Ft Ritchie -- 24625 Database  
MAJOR UNIT A -- 7th SIGNAL CMD Ver 4.20  
FY 2000

MC	UIC	SRC	CA RS UNUM BR	DESCRIPTION	OFF	WOF	ENL	TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
CM	@06502			CONTRACT SUPPO	0	0	0	0	0	105	105	105
AF	FJ4L			AIR FORCE	4	0	35	39	0	3	3	42
CZ	W44U-9		00 0007	AUGSC HHC CMD	-1	0	0	-1	-21	0	-21	-22
					3	0	35	38	-21	108	87	125

09/19/94  
HQRPLANS

ASIP TROOP LIST ORDERED BY MAJOR UNIT  
Ft Ritchie -- 24625 Database  
MAJOR UNIT Y -- TENANTS Ver 4.20  
FY 2000

MC	UIC	SRC	CA RS UNUM BR	DESCRIPTION	OFF	WOF	ENL	TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
DF	106501			DEFENSE INVEST	0	0	0	0	9	0	9	9
JA	106503			JCC	4	0	35	39	3	0	3	42
CJ	\$06501			CREDIT UNION	0	0	0	0	0	7	7	7
AF	FH28			AIR FORCE	2	0	4	6	0	0	0	6
AF	FTH7			AIR FORCE	1	0	5	6	0	0	0	6
AF	FYVF			AIR FORCE	0	0	1	1	0	0	0	1
CZ	W40UNN			COMD INF SYS N	0	0	0	0	2	0	2	2
MC	MS4008			US MARINE CORP	0	0	1	1	0	0	0	1
DF	W1861A		W186	ELEUSA OJCS	7	0	23	30	0	0	0	30
DF	W10Y01		W10Y	ELEUSA-CBC TEC	1	0	26	27	2	0	2	29
NA	N64751			OP NAV SUPP	1	0	2	3	0	0	0	3
NA	N42064			NAVY	0	0	13	13	0	0	0	13
CZ	W4P809		W4P8	ACTMGT ENG	0	0	0	0	0	0	0	0
CZ	W4P806		W4P8	ACTMGT ENG	6	1	34	41	152	0	152	193
DF	W49C60		W49C	DEF MEGA CTR	0	0	0	0	0	0	0	0
DF	W49071		W490	CTROFAS INDIA	0	0	0	0	44	0	44	44
CZ	W40UNA		W40U	COMDINF SYS TST	0	0	3	3	0	5	5	8
CZ	W40U-A		W40U	COMDINF SYS TST	4	2	14	20	34	0	34	54
AS	W3S21A		W3S2	BN USAINSCOM M	0	0	0	0	3	0	3	3
CZ	W3HJAA		W3HJ	AGYUSACEEIA-CD	6	0	134	140	237	0	237	377
XX	W45904		W459	USA TMDE SPT G	0	0	3	3	2	0	2	5
AF	FW1V			AIR FORCE	2	0	2	4	0	0	0	4
AF	FSM4			AIR FORCE	0	0	19	19	0	0	0	19
AF	F2WF			AIR FORCE	9	0	6	15	6	0	6	21
DF	106505			DEFENSE INFO S	1	0	0	1	12	0	12	13
DF	106502			DIA	1	0	3	4	0	0	0	4
					45	3	328	376	506	12	518	894

09/19/94  
HQRPLANS

ASIP TROOP LIST ORDERED BY MAJOR UNIT  
Ft Ritchie -- 24625 Database  
MAJOR UNIT Z -- GARRISON Ver 4.20  
FY 2000

MC	UIC	SRC	CA RS UNUM BR	DESCRIPTION	OFF	WOF	ENL	TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
MW	W065AA		W065	HQ GARRISON	18	1	243	262	305	0	305	567
CZ	W35T-A		W35T	CTRUSAISC SITE	5	2	307	314	54	0	54	368
HS	W2KR03		W2KR	ACTUSA MED DEP	3	0	6	9	2	0	2	11
CZ	W285AA		W285	U ISC FT RITC	0	0	32	32	43	0	43	75
HS	W2KR1A		W2KR	ACTUSA MED DEP	0	0	0	0	0	0	0	0
HS	W2KR02		W2KR	ACTUSA MED DEP	3	0	7	10	20	0	20	30
HS	W2KR05		W2KR	ACTUSA MED DEP	0	0	1	1	0	0	0	1
NF	CC1001			NON-APPROPRIAT	0	0	0	0	0	131	131	131
CM	@06501			BASOPS CONTRAC	0	0	0	0	0	151	151	151
AX	040707			AAFES	0	0	0	0	0	47	47	47
DF	DCNE19			DEFENSE COMSY	0	0	0	0	37	6	43	43
					29	3	596	628	461	335	796	1424

**FOR OFFICIAL USE ONLY**

SAMAS as of 16 MAY 94

**ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN**

Army Base = **FORT RITCHIE**  
Stn Code = **24745**  
Station = **FT RITCHE, MD (FORT RITCHIE)**

UIC	Rgt/Unbr	Br	Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit		Source	EDATE	CCNUM	1994	1995	1996	1997	1998	1999	2000
DODAAC	Compo	MDEP	MDEP	CCNUM								

**TYPE UNIT: TOE UNITS**

WCUVAA	00 0572 MP	CO	PHYSICAL SCTY	19097H400100	J	OFF:	0						
CZ 33577				SMS	19940928	WOF:	0						
W23L13		1		WLEA		ENL:	0						
WH4UAA	00 0007 SC	CMD	THEATER SIG CMD	11602L000100	J	OFF:	0						
CZ 35001				SMS	19931118	WOF:	0						
W23SBH		1		W47C		ENL:	0						
TOTAL OFF:							0	0	0	0	0	0	0
TOTAL WOF:							0	0	0	0	0	0	0
TOTAL ENL:							0	0	0	0	0	0	0

**TOE UNITS**

**TYPE UNIT: TDA AUG TO TOE UNIT**

WH4U-9	00 0007	AUGSC	HHC CMD		R	OFF:	-1	-1	-1	-1	-1	-1	
CZ 35001				SMSDAI	19931101	WOF:	0	0	0	0	0	0	
W81FA5		1		GP31	CZ0294	ENL:	0	0	0	0	0	0	
USC:							-21	-21	-21	-21	-21	-21	
TOTAL OFF:							-1	-1	-1	-1	-1	-1	-1
TOTAL WOF:							0	0	0	0	0	0	0
TOTAL ENL:							0	0	0	0	0	0	0
TOTAL USC:							-21	-21	-21	-21	-21	-21	-21

**TDA AUG TO TOE UNIT**

**TYPE UNIT: TDA UNITS**

W065AA	W065	HQ	GARRISON		R	OFF:	19	18	18	18	18	18
MW 46551				SMS	19951001	WOF:	1	1	1	1	1	1
W23P47		1		MXSH		ENL:	267	243	243	243	243	243
USC:							327	302	304	305	305	305
W10Y01	W10Y	ELEUSA-C&C	TECH CEN			OFF:	0	1	1	1	1	1
DF 56711	W10Y AN	MCC	COMP OPS	TAD		WOF:	0	0	0	0	0	0
		1		JDFC	DF0195	ENL:	12	26	26	26	26	26
USC:							0	2	2	2	2	2
W186!A	W186	ELEUSA	OJCS			OFF:	7	7	7	7	7	7
DF 57951	JCS SPT	ELEMENT	SITE R	DAR		WOF:	0	0	0	0	0	0
		1		JDFC		ENL:	23	23	23	23	23	23
W285AA	W285	U	ISC FT RITCHES		M	OFF:	0	0	0	0	0	0
CZ 46401		1		SMS	19941001	WOF:	0	0	0	0	0	0
USC:							32	32	32	32	32	32
USC:							43	43	43	43	43	43
W2KR!A	W2KR	ACTUSA	MED DEPT			OFF:	0	0	0	0	0	0
HS 46501	SPT ELE	W2KR02	(FY94 AUGMENTAT	DAR		WOF:	0	0	0	0	0	0
		1		VCND		ENL:	7	0	0	0	0	0
W2KR02	W2KR	ACTUSA	MED DEPT			OFF:	3	3	3	3	3	3
HS 46501	W2KR USA	HLTH	CLN FT RICHIE	TAD		WOF:	0	0	0	0	0	0
		1		VCND	HS0295	ENL:	5	7	7	7	7	7
USC:							20	20	20	20	20	20
W2KR03	W2KR	ACTUSA	MED DEPT			OFF:	3	3	3	3	3	3
HS 46501	W2KR USA	DEN	CLN FT RICHIE	TAD		WOF:	0	0	0	0	0	0
		1		VCND	HS0295	ENL:	6	6	6	6	6	6
USC:							2	2	2	2	2	2

# FOR OFFICIAL USE ONLY

SAMAS as of 16 MAY 94

## ACTIVE ARMY ASIP STATION REPORT : MDW CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT RITCHIE  
Stn Code = 24745  
Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr	Br	Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit		Source	EDATE		1994	1995	1996	1997	1998	1999	2000
DODAAC	Compo		MDEP	CCNUM								
W2KR05	W2KR		ACTUSA MED DEPT			OFF:	0	0	0	0	0	0
HS 46501	W2KR		VET SEC FT RICHIE	TAD		WOF:	0	0	0	0	0	0
		1		VCND	HS0295	ENL:	1	1	1	1	1	1
W35T-A	W35T		CTRUSAISC SITE RTE		R	OFF:	5	5	5	5	5	5
CZ 56451		1		SMSTAD	19941101	WOF:	2	2	2	2	2	2
W23L2C				MXSH		ENL:	305	307	307	307	307	307
						USC:	61	54	54	54	54	54
W3HJAA	W3HJ		AGYUSACEEIA-CONUS		R	OFF:	6	6	6	6	6	6
CZ 56451		1		SMS	19951001	WOF:	0	0	0	0	0	0
W23L2G				MXEC		ENL:	134	134	134	134	134	134
						USC:	242	237	237	237	237	237
W3S21A	W3S2		BN USAINSCOM MI			OFF:	0	0	0	0	0	0
AS 56084	RES OFC	1	902 MI FT RITCHIE	DAR		WOF:	0	0	0	0	0	0
				XTIS		ENL:	0	0	0	0	0	0
						USC:	3	3	3	3	3	3
W40U-A	W40U		CMDINF SYS TST ACT1		R	OFF:	4	4	4	4	4	4
CZ 36450		1		SMSTAD	19951001	WOF:	2	2	2	2	2	2
				MR1M		ENL:	14	14	14	14	14	14
						USC:	31	34	34	34	34	34
W45904	W459		USA TMDE SPT GP REG 1			OFF:	0	0	0	0	0	0
XX 46291	W459		TSC FT RITCHIE	TAD		WOF:	0	0	0	0	0	0
W80FLY		1		AMTE	X10295	ENL:	3	3	3	3	3	3
						USC:	2	2	2	2	2	2
W49071	W490		CTRD FAS INDIANAPOLIS		A	OFF:	0	0	0	0	0	0
DF 46421	W490		DAO FT RITCHIE	DAR	19931101	WOF:	0	0	0	0	0	0
		1		JDFC		ENL:	11	0	0	0	0	0
						USC:	56	44	44	44	44	44
W49C60	W49C		DEF MEGA CTR			OFF:	8	8	8	8	0	0
DF 46421	ARMY		INFORMATION SERVICE CENTE	DAR		WOF:	0	0	0	0	0	0
		1		JDFC		ENL:	4	4	4	4	0	0
						USC:	115	115	115	115	0	0
W4PB06	W4PB		ACTMGT ENG			OFF:	6	6	6	6	6	6
CZ 46555	W4PB		HQ USAISC SUPT ELE RITCHI	TAD		WOF:	1	1	1	1	1	1
		1		MXUS	C20294	ENL:	34	34	34	34	34	34
						USC:	152	152	152	152	152	152
W4PB09	W4PB		ACTMGT ENG			OFF:	0	0	0	0	0	0
CZ 46555	USAISC - MEA - ISCCO			DAR		WOF:	0	0	0	0	0	0
		1		MXUS		ENL:	0	0	0	0	0	0
						USC:	53	39	15	0	0	0
TOTAL OFF:						61	61	61	61	53	53	53
TOTAL WOF:						6	6	6	6	6	6	6
TOTAL ENL:						858	834	834	834	830	830	830
TOTAL USC:						1107	1049	1027	1013	898	898	898

### TDA UNITS

### TYPE UNIT: OTHER TENANTS

!06501	DEFENSE INVEST SVC					OFF:	0	0	0	0	0	0
DF				DAI		WOF:	0	0	0	0	0	0
						ENL:	0	0	0	0	0	0
						USC:	9	9	9	9	9	9

**FOR OFFICIAL USE ONLY**

SAMAS as of 16 MAY 94

ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT RITCHIE  
Stn Code = 24745  
Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr Br	Parent Unit	SRC	ACTCO	FY	FY	FY	FY	FY	FY	FY
Asgt TPSN	Derivative Unit	Compo	Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DODAAC			MDEP	CCNUM							
106502	DIA				OFF: 1	1	1	1	1	1	1
DF			DAI		WOF: 0	0	0	0	0	0	0
					ENL: 3	3	3	3	3	3	3
106503	JCC				OFF: 4	4	4	4	4	4	4
JA			DAI		WOF: 0	0	0	0	0	0	0
					ENL: 35	35	35	35	35	35	35
					USC: 3	3	3	3	3	3	3
106504	DEFENSE INFO SYSTEMS			J	OFF: 4	4	4	0			
DF	HQ DEFENSE INFO SERVICES ORG		DAI		WOF: 0	0	0	0			
					ENL: 3	3	3	0			
					USC: 35	35	35	0			
106505	DEFENSE INFO SYSTEMS				OFF: 1	1	1	1	1	1	1
DF	SYS MGMT CTR COMP OPS SUPP		DAI		WOF: 0	0	0	0	0	0	0
					ENL: 0	0	0	0	0	0	0
					USC: 12	12	12	12	12	12	12
06501	CREDIT UNION				OFF: 0	0	0	0	0	0	0
CU	LETTERKENNEY		DAI		WOF: 0	0	0	0	0	0	0
					ENL: 0	0	0	0	0	0	0
					USC: 0	0	0	0	0	0	0
					OTH: 7	7	7	7	7	7	7
040707	AAFES				OFF: 0	0	0	0	0	0	0
AX	MAIN STORE		DAI		WOF: 0	0	0	0	0	0	0
					ENL: 0	0	0	0	0	0	0
					USC: 0	0	0	0	0	0	0
					OTH: 47	47	47	47	47	47	47
041015	AAFES			J	OFF: 0						
AX	FT RITCHIE AMCSS		DAI		WOF: 0						
					ENL: 0						
06501	BASOPS CONTRACT				OFF: 0	0	0	0	0	0	0
CM			DAI		WOF: 0	0	0	0	0	0	0
					ENL: 0	0	0	0	0	0	0
					USC: 0	0	0	0	0	0	0
					OTH: 151	151	151	151	151	151	151
06502	CONTRACT SUPPORT				OFF: 0	0	0	0	0	0	0
CM	MISSION SP		DAI		WOF: 0	0	0	0	0	0	0
					ENL: 0	0	0	0	0	0	0
					USC: 0	0	0	0	0	0	0
					OTH: 105	105	105	105	105	105	105
CC1001	NON-APPROPRIATED FUND				OFF: 0	0	0	0	0	0	0
NF	FT RITCHIE INSTL MWR FUND		DAI		WOF: 0	0	0	0	0	0	0
					ENL: 0	0	0	0	0	0	0
					USC: 0	0	0	0	0	0	0
					OTH: 131	131	131	131	131	131	131
CC2002	NON-APPROPRIATED FUND			J	OFF: 0						
NF	FT RITCHIE PCS RESTAURANT FND		DAI		WOF: 0						
					ENL: 0						
CC3005	NON-APPROPRIATED FUND			J	OFF: 0						
NF	FT RITCHIE CIV WEL FUND		DAI		WOF: 0						
					ENL: 0						

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SAMAS as of 16 MAY 94

**ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN**

Army Base = **FORT RITCHIE**  
Stn Code = **24745**  
Station = **FT RITCHE, MD (FORT RITCHIE)**

UIC	Rgt/Unbr	Br Parent Unit	SRC	ACTCO								
Asgt TPSN		Derivative Unit	Source	EDATE	FY	FY						
DODAAC		Compo	MDEP	CCNUM	1994	1995	1996	1997	1998	1999	2000	
CC4003		NON-APPROPRIATED FUND		J OFF:	0							
NF		FT RITCHIE CHAPLAINS FUND	DAI	WOF:	0							
				ENL:	0							
CCF004		NON-APPROPRIATED FUND		J OFF:	0							
NF		FT RICHIE BILLETING FUND	DAI	WOF:	0							
				ENL:	0							
DCNE19		DEFENSE COMSY AGENCY		OFF:	0	0	0	0	0	0	0	0
DF		FORT RITCHIE COMSY	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0	0
				USC:	37	37	37	37	37	37	37	37
				OTH:	6	6	6	6	6	6	6	6
F2WF		AIR FORCE		OFF:	9	9	9	9	9	9	9	9
AF		A F WMPR TEAM	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	6	6	6	6	6	6	6	6
				USC:	6	6	6	6	6	6	6	6
FH2B		AIR FORCE		OFF:	2	2	2	2	2	2	2	2
AF		AF COMBAT OPS STAF	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	4	4	4	4	4	4	4	4
FJ4L		AIR FORCE		OFF:	4	4	4	4	4	4	4	4
AF		AFELM STRATCOM JCC	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	35	35	35	35	35	35	35	35
				USC:	0	0	0	0	0	0	0	0
				OTH:	3	3	3	3	3	3	3	3
FSM4		AIR FORCE		OFF:	0	0	0	0	0	0	0	0
AF		AFELM DISA/FLD AG	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	19	19	19	19	19	19	19	19
FTH7		AIR FORCE		OFF:	1	1	1	1	1	1	1	1
AF		AFELM JT COS	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	5	5	5	5	5	5	5	5
FW1V		AIR FORCE		OFF:	2	2	2	2	2	2	2	2
AF		AFELM DIA	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	2	2	2	2	2	2	2	2
FYVF		AIR FORCE		OFF:	0	0	0	0	0	0	0	0
AF		AF COMBAT OPS STAF	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	1	1	1	1	1	1	1	1
M54008		US MARINE CORPS		OFF:	0	0	0	0	0	0	0	0
MC		SPT ELE W10Y01	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	1	1	1	1	1	1	1	1
N42064		NAVY		OFF:	0	0	0	0	0	0	0	0
NA		SPT W10Y01	DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	13	13	13	13	13	13	13	13
N64751		OP NAV SUPP		OFF:	1	1	1	1	1	1	1	1
NA			DAI	WOF:	0	0	0	0	0	0	0	0
				ENL:	2	2	2	2	2	2	2	2
W40UNA	W40U	CMDINF SYS TST ACT1		OFF:	0	0	0	0	0	0	0	0
CZ 36450		NON-ADDITIVE AUTHORIZATIONS	TAD	WOF:	0	0	0	0	0	0	0	0
		1	MR1M CZ0295	ENL:	3	3	3	3	3	3	3	3
				USC:	0	0	0	0	0	0	0	0
				OTH:	5	5	5	5	5	5	5	5

**FOR OFFICIAL USE ONLY**

SAMAS as of 16 MAY 94

ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN

Army Base = **FORT RITCHIE**  
Stn Code = **24745**  
Station = **FT RITCHE, MD (FORT RITCHIE)**

UIC	Rgt/Unbr Br	Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit		Source	EDATE	1994	1995	1996	1997	1998	1999	2000
D00AAC	Compo		MDEP	CCNUM							
W40UNN	COMD INF SYS NON-ADD			OFF:	0	0	0	0	0	0	0
CZ			DA1	WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	2	2	2	2	2	2	2
TOTAL OFF:					29	29	29	25	25	25	25
TOTAL WOF:					0	0	0	0	0	0	0
TOTAL ENL:					132	132	132	129	129	129	129
TOTAL USC:					104	104	104	69	69	69	69
TOTAL OTH:					455	455	455	455	455	455	455
<b>OTHER TENANTS</b>											
TOTAL OFF:					89	89	89	85	77	77	77
TOTAL WOF:					6	6	6	6	6	6	6
TOTAL ENL:					990	966	966	963	959	959	959
TOTAL MIL:					1085	1061	1061	1054	1042	1042	1042
TOTAL USC:					1190	1132	1110	1061	966	966	966
TOTAL OTH:					455	455	455	455	455	455	455
TOTAL CIV:					1645	1587	1565	1516	1401	1401	1401
TOTAL POP:					2730	2648	2626	2570	2443	2443	2443
<b>INSTALLATION TOTALS</b>											

**Supported Population (All Services)**

Active:	1218
Dependents of Active:	4237
Reserve Component:	182
Dependents of Reserve Component:	310
Retiree:	3733
Dependents of Retiree + Survivors:	5271
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	14951

Source: FY 1993 DEERS data from the Defense Medical Information System (DMIS)

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ACTIVE ARMY  
ASIP STATION REPORT : TRADOC  
CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT HUACHUCA  
Stn Code = 04289  
Station = FT HUACHA, AZ (FORT HUACHUCA)

UIC	Rgt/Unbr	Br	Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit			Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DODAAC	Compo			MDEP	CCNUM							
W1E8-A TC 66115 W61DET	W1E8		CTRUSA INTEL SCH &		R OFF:	160	163	163	163	163	163	163
				SMSTAD	19991001	WOF:	26	25	25	25	25	25
		1		QMRD		ENL:	693	661	594	595	595	595
						USC:	734	719	691	686	690	698
W1E801 TC 66115	W1E8		CTRUSA INTEL SCH &		OFF:	7	7	7	7	7	7	7
	W1E8	USAIC	FH CO E 309TH MI BN	TAD	WOF:	8	8	8	8	8	8	8
		1		QMRD	TC0295	ENL:	62	62	62	62	62	62
						USC:	11	11	11	11	11	11
W1E802 TC 66115	W1E8		CTRUSA INTEL SCH &		OFF:	1	1	1	1	1	1	1
	W1E8	USAIC	FH CO B 309TH MI BN	TAD	WOF:	0	0	0	0	0	0	0
		1		QMRD	TC0295	ENL:	3	3	3	3	3	3
						USC:	3	3	3	3	3	3
W1E803 TC 66115	W1E8		CTRUSA INTEL SCH &		OFF:	5	5	5	5	5	5	5
	W1E8	USAIC	FH CO C 309TH MI BN	TAD	WOF:	0	0	0	0	0	0	0
		1		QMRD	TC0295	ENL:	35	35	35	35	35	35
						USC:	1	1	1	1	1	1
W1E805 TC 66115 W61S8F	W1E8		CTRUSA INTEL SCH &		OFF:	3	3	3	3	3	3	3
	W1E8	USAIC	FH CO D-UAV 304 MIBN	TAD	WOF:	2	2	2	2	2	2	2
		1		QMRD	TC0295	ENL:	64	64	64	64	64	64
						USC:	1	1	1	1	1	1
W1E806 TC 66115 W61RHW	W1E8		CTRUSA INTEL SCH &		OFF:	0	0	0	0	0	0	0
	W1E8	USAIC	FH NCO ACADEMY	TAD	WOF:	0	0	0	0	0	0	0
		1		QMRD	TC0295	ENL:	68	68	68	68	68	68
						USC:	1	1	1	1	1	1
W1E809 TC 66115 W61PAW	W1E8		CTRUSA INTEL SCH &		OFF:	3	3	3	3	3	3	3
	W1E8	USAIC	FH CO C UAV 304 MIBN	TAD	WOF:	3	3	3	3	3	3	3
		1		QMRD	TC0295	ENL:	56	56	56	56	56	56
						USC:	56	56	56	56	56	56
W1E810 TC 66115 W61TEP	W1E8		CTRUSA INTEL SCH &		OFF:	4	4	4	4	4	4	4
	W1E8	USAIC	FH HQ CO 304 MI BN	TAD	WOF:	3	3	3	3	3	3	3
		1		QMRD	TC0295	ENL:	186	186	186	186	186	186
						USC:	29	29	29	29	29	29
W1E821 TC 66115	W1E8		CTRUSA INTEL SCH &		OFF:	6	6	6	6	6	6	6
	W1E8	USAIC	FH MP CO	TAD	WOF:	1	1	1	1	1	1	1
		1		QMRD	TC0295	ENL:	127	127	127	127	127	127
						USC:	90	90	90	90	90	90
W1E825 TC 66115	W1E8		CTRUSA INTEL SCH &		OFF:	0	0	0	0	0	0	0
	W1E8	COMPACT	YUMA DET	TAR	WOF:	0	0	0	0	0	0	0
		1		QMRD	TC0295	ENL:	2	2	2	2	2	2
						USC:	2	2	2	2	2	2
W1E82A TC 66115	W1E8		CTRUSA INTEL SCH &		OFF:	1	1	1	1	1	1	1
	W1E8	USAIC	FH CO D 306TH MI BN	TAD	WOF:	0	0	0	0	0	0	0
		1		QMRD	TC0295	ENL:	1	1	1	1	1	1
						USC:	1	1	1	1	1	1
W1E82B TC 66115	W1E8		CTRUSA INTEL SCH &		OFF:	34	34	34	34	34	34	34
	W1E8	USAIC	FH HQ CO 306TH MIBN	TAD	WOF:	1	1	1	1	1	1	1
		1		QMRD	TC0295	ENL:	113	113	113	113	113	113
						USC:	56	56	56	56	56	56
W1E82C TC 66115 W61WLJ	W1E8		CTRUSA INTEL SCH &		OFF:	2	2	2	2	2	2	2
	W1E8	USAIC	FH CO C 305TH MI BN	B91	WOF:	1	1	1	1	1	1	1
		1		QMRD	TC0295	ENL:	38	38	38	38	38	38
						USC:	2	2	2	2	2	2

GARZON

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SAMAS as of 22 NOV 93

ACTIVE ARMY  
ASIP STATION REPORT : HSC

Army Base = FORT DETRICK  
Stn Code = 24226  
Station = FT DETRCK, MD (FORT DETRICK)

UIC	Rgt/Unbr	Br Parent Unit	SRC	ACTCO	FY						
Asgt TPSN		Derivative Unit	Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DODAAC		Compo	MDEP	CCNUM							

TYPE UNIT: TOE UNITS

WD1QAA	00 0520 MD	DETAREA MED LAB	08657L000300	A	OFF:	2	2	2	2	2	2
FC 32908			SMS 19941016		WOF:	0	0	0	0	0	0
	1		WSSM		ENL:	42	42	42	42	42	42
WD2KAA	00 0153 MD	TM INV CONT (SM)	08610H00D100	J	OFF:	0					
FC 32805			SMS 19940915		WOF:	0					
	1		WSSM		ENL:	0					
WDCTAA	00 0006 MD	DETTMNC	08897L000100	A	OFF:	2	2	2	2	2	2
FC 32804			SMS 19941016		WOF:	1	1	1	1	1	1
	1		WSSM		ENL:	38	38	38	38	38	38

TOTAL OFF:	0	4	4	4	4	4	4	4	4	4
TOTAL WOF:	0	1	1	1	1	1	1	1	1	1
TOTAL ENL:	0	80	80	80	80	80	80	80	80	80

TOE UNITS

TYPE UNIT: TDA UNITS

W03J-A	W03J	CMD USA MED R&D		X	OFF:	43	41	37	37	37	37	37
MD 56151			SNSTAD 19951001		WOF:	1	1	1	1	1	1	1
	1		XNGH		ENL:	5	5	5	5	5	5	5
					USC:	81	79	79	79	79	79	79
W05J-A	W05J	AGY USA MED MATERIEL		R	OFF:	24	24	22	22	22	22	22
MD 46531			SNSTAD 19951001		WOF:	5	5	4	4	4	4	4
	1		FASG		ENL:	9	9	7	7	7	7	7
					USC:	111	111	111	111	111	111	111
W06505	W065	NO GARRISON			OFF:	0	0	0	0	0	0	0
MD 46551	W065	FT DET MILPO	TAD		WOF:	0	0	0	0	0	0	0
	1		MXSH	MWD494	ENL:	4	4	4	4	4	4	4
W08B-A	W08B	CTRUSAISC EC TELE		R	OFF:	4	4	4	4	4	4	4
CZ 46451			SNSTAD 19941001		WOF:	-1	1	1	1	1	1	1
	1		MDMD		ENL:	149	149	149	149	149	149	149
					USC:	64	64	64	64	64	64	64
W2KR32	W2KR	ACTUSA MED DEPT			OFF:	1	1	1	1	1	1	1
HS 46501	W2KR	USA HEALTH CLINIC	TAD		WOF:	0	0	0	0	0	0	0
	1		VCND	HS0195	ENL:	3	3	3	3	3	3	3
					USC:	17	17	17	17	17	17	17
W2KR33	W2KR	ACTUSA MED DEPT			OFF:	1	1	1	1	1	1	1
HS 46501	W2KR	USA DENTAL CLINIC	TAD		WOF:	0	0	0	0	0	0	0
	1		VCND	HS0195	ENL:	4	4	4	4	4	4	4
					USC:	1	1	1	1	1	1	1
W2S9AA	W2S9	1ST LETTERMAN RSCH		J	OFF:	3	0					
MD 56151			BC1 19941001		WOF:	0	0					
	1		RK01		ENL:	14	0					
					USC:	16	0					
W3HVAA	W3HV	GARHO USA FT DETRCK		M	OFF:	8	8	8	8	8	8	8
HS 46551			SMS 19951001		WOF:	0	0	0	0	0	0	0
	1		E32H		ENL:	36	36	36	36	36	36	36
					USC:	433	496	497	497	497	497	497

GARRISON

10 = 80  
80  
497

# CLOSE HOLD

## ANNEX A, INSTALLATION ASSESSMENT

### FORT RITCHIE (A-14)

1. WHAT USAR UNITS/ACTIVITIES ARE STATIONED AT THIS INSTALLATION? WHAT ARE THE ASSIGNED, AUTHORIZED AND REQUIRED STRENGTHS OF THE UNITS?

Attachment 1 provides the required, authorized, and assigned force structure information for the 1 Reserve unit located at Fort Ritchie based on the USARC FY 94 Summer Command Plan.

2. ARE ANY OF THE UNITS/ACTIVITIES SCHEDULED FOR INACTIVATIONS OR RELOCATION? (E-DATE)

No inactivations, activations, or relocations are planned for Fort Ritchie.

3. WHAT IS THE NUMBER OF ASSIGNED FULL-TIME SUPPORT PERSONNEL (CIVILIAN & MILITARY) OF THE USAR UNITS/ACTIVITIES AT THIS INSTALLATION?

Not applicable.

4. HOW MANY ACTIVE GUARD AND RESERVE (AGR) SOLDIERS ARE IN GOVERNMENT QUARTERS ON THIS INSTALLATION?

There are no AGR soldiers in government quarters on Fort Ritchie.

5. ARE OFF-INSTALLATION RESERVE FACILITIES AVAILABLE TO-SUPPORT THE UNITS/ACTIVITIES?

There are no USAR facilities on Fort Ritchie. The one unit on Fort Ritchie has five personnel and its facility requirements have been accommodated by the installation. There are suitable facilities within a 50 mile radius into which the one unit can be relocated. Based on our analysis, there are no USAR facilities within a 50 mile radius recommended for relocation, if Fort Ritchie is closed. Information on the two facilities within 50 miles considered for relocation is available upon request from the USARC DCSCOMPT.

6. WHAT USAR UNITS TRAIN HERE (AT/ADT)? CAN TRAINING BE PROVIDED AT OTHER SITES (I.E. ECS)? ARE THERE ARNG OR "PURPLE" TRAINING FACILITIES LOCATED IN CLOSE PROXIMITY FOR "JOINT-USE"? IDENTIFY IMPACT ON CFP AND ARMY RESERVE TRAINING BRIGADES SEPARATELY?

No USAR soldiers/units trained (AT/ADT) at Fort Ritchie in FY 94.

CLOSE HOLD

## CLOSE HOLD

Fort Ritchie continued

7. WHAT IS THE IMPACT OF DIVESTING INTEREST IN THIS INSTALLATION (i.e., TRAINING/FACILITIES/COST)? ARE THERE EXISTING AC/USAR PARTNERSHIPS?

There are no USAR facilities on Fort Ritchie. There are suitable USAR facilities within a 50 mile radius into which the one unit can be relocated. Replacement facilities would not have to be built/leased to house the unit stationed at Fort Ritchie.

8. WHICH ARMY INSTALLATIONS OR OTHER DOD INSTALLATIONS ARE WITHIN 150 MILES (CLOSEST THREE AND DISTANCE)? DOES SIMULTANEOUS CLOSING OF ALL MAJOR TRAINING AREAS WITH 150 MILES OF THIS INSTALLATION HAVE AN ADVERSE IMPACT ON RESERVE TRAINING/READINESS?

Fort Detrick Military Reservation and Letterkenny Army Depot are within 150 miles of Fort Ritchie.

9. DOES THE USAR WANT TO ESTABLISH/EXPAND AN ENCLAVE? WHAT UNITS/ACTIVITIES WOULD THE ENCLAVE SUPPORT?

The USARC would not want to establish an enclave on Fort Ritchie. *End*

10. IF ENCLAVING IS SUPPORTED, WHAT COSTS/SAVINGS ARE ASSOCIATED WITH THE INITIATIVE (MCR/OMAR/LEASES/ETC)?

Not applicable.

11. IF RELOCATION OF THE TRAINING FACILITIES IS REQUIRED, WHAT COSTS ARE ASSOCIATED WITH THE INITIATIVE (MCR/OMAR/LEASES)?

Not applicable.

12. IS THIS INSTALLATION A DESIGNATED MOBILIZATION SITE? CAN IT BE CLOSED WITHOUT MOBILIZATION IMPACT?

Fort Ritchie is not a designated mobilization site.

13. WHAT ARE THE POTENTIAL IMPACTS ON THE ARMY RESERVE RECRUITING IN THE MARKET AREA (50 MILE RADIUS)?

There are no significant impacts.

14. WHAT UNIQUE LOCAL MARKET FACTORS DIRECTLY SUPPORT USAR UNITS ON THIS INSTALLATION (I.E. MEDICAL UNITS THAT RELY ON LOCAL MEDICAL SCHOOLS, ETC.)?

There are no unique demographic/market factors in support of USAR units.

## CLOSE HOLD

## CLOSE HOLD

Fort Ritchie continued

15. WHAT FACTORS ARE TO BE CONSIDERED IN RETAINING/RELOCATING TELECOMMUNICATIONS SYSTEMS AND DATA BASE MANAGEMENT SYSTEMS (RCAS)?

There are no factors to be considered regarding telecommunications systems and database management systems (RCAS).

16. IS THE ARMY RESERVE COMMAND INTERESTED IN ASSUMING COMMAND AND CONTROL OF THIS INSTALLATION TO RETAIN TRAINING AND SUPPORT FACILITIES?

The USARC is not interested in assuming command and control of Fort Ritchie.

CLOSE HOLD

DATE: 09 ember 94  
Time: 17 urs  
Page: 1

# CLOSE HOLD

USAR UNITS ON  
INSTALLATIONS  
FORT RITCHIE

UNIT	ADDRESS	CITY	ST	ZIP	ACT	EDATE	REQD	AUTH	ASG:
****	*****	****	**	***	***	*****	STR	STR	STR
STACO:	FACID:	ST	STATION NAME FT RITCHI						
W7ZB01	U ARMY INFO PROC CTR						A	940916	5 5 5
MUSARC: 0097	ARCOM	CONGDIS:	GEONA:		ASGMT: 1P				

LEGEND: A=Activation, C=Conversion, G=Change in Cmd Asgmt (Gain), H=Change in Cmd Asgmt (Loss), J=Inactivation,  
L=Relocation, R=Reorganization, S=ALO change, U=Update

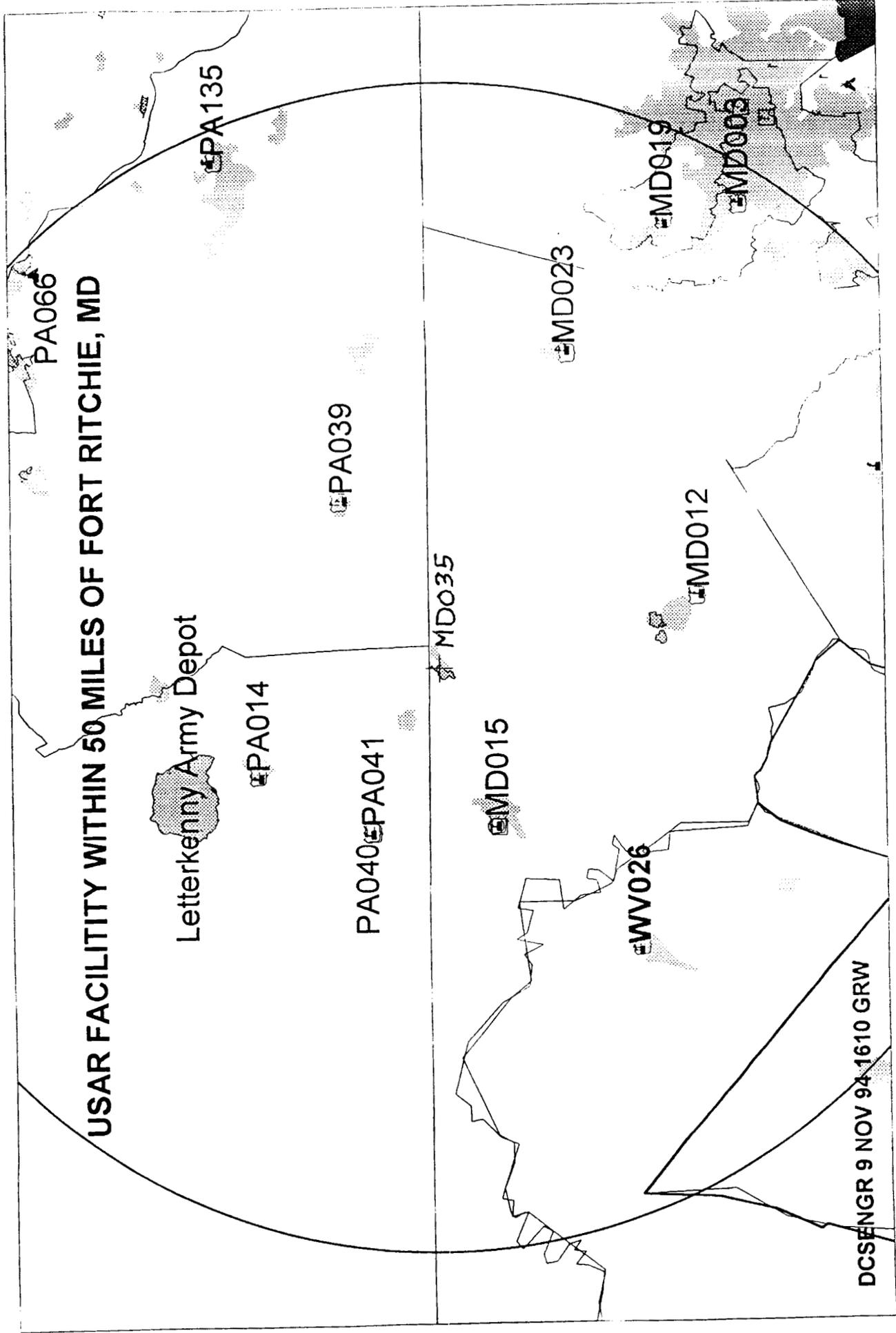
CPLAN.DBF - MACSTA.DBF UNITADDR.FRX STNNMLOC.CDX  
USARC DCSFOR/CMD PLAN (AFRC-FDI-CP)  
(404) 629-7089/7613 FAX (404) 629-7048/5079

ATen

Aten

# CLOSE HOLD

CLOSE HOLD



CLOSE HOLD



**THE ARMY BASING STUDY**

**BRAC 95  
ALTERNATIVE  
DOCUMENTATION  
SET**

**ALTERNATIVE NO.**  
CA11-2 Q

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**SECTION IV**

**COBRA MODEL INPUT DATA**

COBRA TO JPRR

INPUT DATA REPORT (COBRA v5.08)

Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY
Option Package : CA11-2Q
Scenario File : C:\COBRA\CA11-2Q.CBR
Std Pctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name Strategy:
FORT HUACHUCA, AZ Realignment
FORT DETRICK, MD Realignment
FORT RITCHIE, MD Deactivates in FY 1999
BASE X, US Realignment

Summary:

CLOSE FT RITCHIE, MD
RELOCATE 1111 SIGNAL BN & 1108 SIGN BDE TO FT DETRICK, MD
RELOCATE INFO SYS ENGR CMD ELEMENTS TO FT HUACHUCA, AZ
RELOCATE DIA & OTHER SERVICE NATIONAL MILITARY CMD CTR SUPPORT ELEMENTS TO FT DETRICK, MD FOR HOUSING

INPUT SCREEN TWO - DISTANCE TABLE

From Base: To Base: Distance:
FORT HUACHUCA, AZ FORT RITCHIE, MD 2,217 mi
FORT DETRICK, MD FORT RITCHIE, MD 24 mi
FORT RITCHIE, MD BASE X, US 1,340 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from FORT RITCHIE, MD to FORT HUACHUCA, AZ

Table with 7 columns (1996-2001) and 8 rows (Officer Positions, Enlisted Positions, Civilian Positions, Student Positions, Missn Eqpt, Suppt Eqpt, Mil Light Vehic, Heavy/Spec Vehic)

Transfers from FORT RITCHIE, MD to FORT DETRICK, MD

Table with 7 columns (1996-2001) and 8 rows (Officer Positions, Enlisted Positions, Civilian Positions, Student Positions, Missn Eqpt, Suppt Eqpt, Mil Light Vehic, Heavy/Spec Vehic)

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from FORT RITCHIE, MD to BASE X, US

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	0	1	0	0	0
Enlisted Positions:	0	0	3	0	0	0
Civilian Positions:	0	0	107	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Mil Light Vehic (tons):	0	0	0	0	0	0
Heavy/Spec Vehic (tons):	0	0	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: FORT HUACHUCA, AZ

Total Officer Employees:	793	RPMA Non-Payroll (\$K/Year):	12,450
Total Enlisted Employees:	4,813	Communications (\$K/Year):	4,908
Total Student Employees:	2,074	BOS Non-Payroll (\$K/Year):	40,042
Total Civilian Employees:	3,179	BOS Payroll (\$K/Year):	35,499
Mil Families Living On Base:	51.0%	Family Housing (\$K/Year):	11,216
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.12
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,886	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	25	Activity Code:	4005
Enlisted VHA (\$/Month):	51		
Per Diem Rate (\$/Day):	76	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: FORT DETRICK, MD

Total Officer Employees:	219	RPMA Non-Payroll (\$K/Year):	5,971
Total Enlisted Employees:	592	Communications (\$K/Year):	0
Total Student Employees:	3	BOS Non-Payroll (\$K/Year):	15,111
Total Civilian Employees:	3,005	BOS Payroll (\$K/Year):	17,739
Mil Families Living On Base:	28.0%	Family Housing (\$K/Year):	595
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.83
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	1,470	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	173	Activity Code:	24225
Enlisted VHA (\$/Month):	197		
Per Diem Rate (\$/Day):	89	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: FORT RITCHIE, MD

Total Officer Employees:	1030 89	RPMA Non-Payroll (\$K/Year):	7,446 ✓
Total Enlisted Employees:	941	Communications (\$K/Year):	0 ✓
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	18,029 ✓
Total Civilian Employees:	1,027	BOS Payroll (\$K/Year):	9,287 ✓
Mil Families Living On Base:	47.8%	Family Housing (\$K/Year):	23,458 ✓
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.92
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	867	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	119	Activity Code:	24625
Enlisted VHA (\$/Month):	32		
Per Diem Rate (\$/Day):	85	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: BASE X, US

Total Officer Employees:	715	RPMA Non-Payroll (\$K/Year):	10,817
Total Enlisted Employees:	4,360	Communications (\$K/Year):	1,396
Total Student Employees:	1,105	BOS Non-Payroll (\$K/Year):	30,768
Total Civilian Employees:	2,773	BOS Payroll (\$K/Year):	22,395
Mil Families Living On Base:	56.0%	Family Housing (\$K/Year):	8,434
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.08
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,154	CHAMPUS Shift to Medicare:	0.0%
Officer VHA (\$/Month):	176	Activity Code:	BASEX
Enlisted VHA (\$/Month):	130		
Per Diem Rate (\$/Day):	102	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	1,500	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	776	776
Activ Mission Save (\$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
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FORT RITCHIE, MD	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Regd(\$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
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	330	330
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	867					Perc Family Housing ShutDown: 100.0%

Name: BASE X, US	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Regd(\$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
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					Perc Family Housing ShutDown: 0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT HUACHUCA, AZ	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	4	0	2	0	0
Enl Force Struc Change:	0	-3	0	0	0	0
Civ Force Struc Change:	0	16	4	8	0	0
Stu Force Struc Change:	0	-30	7	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-3	0	0	0	0
Enl Force Struc Change:	0	-5	0	0	0	0
Civ Force Struc Change:	0	-20	-17	-14	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Name: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	-4	-8	0	0	0
Enl Force Struc Change:	0	-3	-4	0	0	0
Civ Force Struc Change:	0	-34	-115	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	-1	-7	-14	0	0
Enl Scenario Change:	0	-8	-93	-174	0	0
Civ Scenario Change:	0	-8	-92	-171	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FORT HUACHUCA, AZ

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ACSIM 13 DEC 94				
GEN PURP WAREHOUSE	STORA	10,000	0	0
ACSIM 13 DEC				
GEN PURP ADMIN	ADMIN	0	34,000	0
ACSIM 13 DEC				
ACSIM 13 DEC				
ACSIM 13 DEC				

Name: FORT DETRICK, MD

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ACSIM 13 DEC				
GEN PURP WAREHOUSE	STORA	13,000	0	0
ACSIM 13 DEC				
GEN PURP ADMIN	ADMIN	38,000	0	0
ACSIM 13 DEC				
FAMILY HOUSING	FAMLQ	354	0	0
ACSIM 13 DEC				
UNACCOMP ENL HOUSING	BACHQ	212	0	0
ACSIM 13 DEC				
ACSIM 13 DEC				

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	77.00%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	58.50%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	91.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	67,948.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,717.00	Civilian New Hire Cost(\$):	1,109.00
Enlisted Salary(\$/Year):	30,860.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,223.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	45,998.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	19.00%
SF File Desc:	SF7DEC.SFF	RSE Homeowner Receiving Rate:	12.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	59.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	15.00%
(Indices are used as exponents)		MilCon Design Rate:	10.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	6.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	7.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	24.00%
Avg Bachelor Quarters(SF):	388.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,819.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 2.90% 1997: 3.00% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.09
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	0.09
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	2.90
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	4,665.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	6,134.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	4,381.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	38	APPLIED INSTR	(SF)	114
Waterfront	(LF)	0	LABS (RDT&E)	(SF)	175
Air Operations	(SF)	130	CHILD CARE CENTER	(SF)	120
Operational	(SF)	119	PRODUCTION FAC	(SF)	100
Administrative	(SF)	106	PHYSICAL FITNESS FAC	(SF)	128
School Buildings	(SF)	104	2+2 BACHQ	(EA)	19,140
Maintenance Shops	(SF)	108	Optional Category G	( )	0
Bachelor Quarters	(EA)	46,227	Optional Category H	( )	0
Family Quarters	(EA)	96,040	Optional Category I	( )	0
Covered Storage	(SF)	60	Optional Category J	( )	0
Dining Facilities	(SF)	180	Optional Category K	( )	0
Recreation Facilities	(SF)	0	Optional Category L	( )	0
Communications Facil	(SF)	0	Optional Category M	( )	0
Shipyard Maintenance	(SF)	0	Optional Category N	( )	0
RDT & E Facilities	(SF)	139	Optional Category O	( )	0
POL Storage	(BL)	0	Optional Category P	( )	0
Ammunition Storage	(SF)	0	Optional Category Q	( )	0
Medical Facilities	(SF)	0	Optional Category R	( )	0
Environmental	( )	0			

Department : ARMY  
Option Package : CA11-2Q  
Scenario File : C:\COBRA\CA11-2Q.CBR  
Std Fctrs File : C:\COBRA\SF7DEC.SFF

EXPLANATORY NOTES (INPUT SCREEN NINE)

BOSMM APPLIED

ADDED CONSTRUCTION COSTS ASSOCIATED WITH RELOCATIONS - ACSIM - 17 NOV 94

FOUND NO CONSTRUCTION COST AVOIDANCES

ADDED MDW 29 NOV 94 MEMO ONE-TIME UNIQUE COSTS AND SAVINGS

EXCLUDED ANY COSTS ASSOCIATED WITH DISA

DISA ON HOLD PER COL JONES/DM

ADMINISTERS CLOSURE FROM FT DETRICK

VHA/PER DIEM EFF 1 JAN 95



THE ARMY BASING STUDY

**BRAC 95  
ALTERNATIVE  
DOCUMENTATION  
SET**

**ALTERNATIVE NO.  
CA11-2**

---

**SECTION V**

**COBRA MODEL OUTPUT**

ORIG TABS 2011  
TO DECKE

Department : ARMY  
Option Package : CA11-2Q  
Scenario File : C:\COBRA\CA11-2Q.CBR  
Std Pctrs File : C:\COBRA\SF7DEC.SFF

Starting Year : 1996  
Final Year : 1999  
ROI Year : 2000 (1 Year)

NPV in 2015(\$K): -712,135  
1-Time Cost(\$K): 92,824

	Net Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	5,945	4,284	61,322	0	0	0	71,551	0
Person	0	-279	-3,598	-14,394	-22,743	-22,743	-63,759	-22,743
Overhd	2,508	1,674	-2,118	-18,832	-43,087	-43,087	-102,943	-43,087
Moving	0	86	6,501	3,231	0	0	9,818	0
Missio	0	0	0	0	776	776	1,552	776
Other	0	12	561	263	0	0	837	0
<b>TOTAL</b>	<b>8,454</b>	<b>5,777</b>	<b>62,668</b>	<b>-29,733</b>	<b>-65,054</b>	<b>-65,054</b>	<b>-82,943</b>	<b>-65,054</b>

	1996	1997	1998	1999	2000	2001	Total		
<b>POSITIONS ELIMINATED</b>									
Off	0	1	7	14	0	0	22		
Enl	0	8	93	174	0	0	275	297	
Civ	0	8	92	171	0	0	271		271
TOT	0	17	192	359	0	0	568		
<b>POSITIONS REALIGNED</b>									
Off	0	0	8	47	0	0	55		
Enl	0	0	104	555	0	0	659	714	
Stu	0	0	0	0	0	0	0		
Civ	0	0	273	334	0	0	607		607
TOT	0	0	385	936	0	0	1,321	1,011	878

Summary:

-----  
CLOSE FT RITCHIE, MD  
RELOCATE 1111 SIGNAL BN & 1108 SIGN BDE TO FT DETRICK, MD  
RELOCATE INFO SYS ENGR CMD ELEMENTS TO FT HUACHUCA, AZ  
RELOCATE DIA & OTHER SERVICE NATIONAL MILITARY CMD CTR SUPPORT ELEMENTS  
TO FT DETRICK, MD FOR HOUSING

1,827

COBRA REALIGNMENT SUMMARY (COBRA v5.08) - Page 2/2  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	5,945	4,284	61,322	0	0	0	71,551	0
Person	0	66	1,580	1,725	470	470	4,311	470
Overhd	2,508	1,891	3,818	6,505	4,703	4,703	24,129	4,703
Moving	0	86	6,681	3,231	0	0	9,999	0
Missio	0	0	0	0	776	776	1,552	776
Other	0	12	561	263	0	0	837	0
<b>TOTAL</b>	<b>8,454</b>	<b>6,340</b>	<b>73,963</b>	<b>11,724</b>	<b>5,949</b>	<b>5,949</b>	<b>112,379</b>	<b>5,949</b>

Savings (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	346	5,178	16,120	23,213	23,213	68,070	23,213
Overhd	0	217	5,936	25,337	47,790	47,790	127,072	47,790
Moving	0	0	180	0	0	0	180	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>563</b>	<b>11,294</b>	<b>41,457</b>	<b>71,004</b>	<b>71,004</b>	<b>195,322</b>	<b>71,004</b>

NET PRESENT VALUES REPORT (COBRA v5.08) — BY YEAR —  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Year	Cost (\$)	Adjusted Cost (\$)	NPV (\$)
----	-----	-----	-----
1996	8,453,857	8,339,960	8,339,960
1997	5,777,116	5,546,747	13,886,708
1998	62,668,184	58,558,850	72,445,557
1999	-29,733,117	-27,039,835	45,405,722
2000	-65,054,530	-57,578,362	-12,172,640
2001	-65,054,530	-56,037,335	-68,209,975
2002	-65,054,530	-54,537,553	-122,747,528
2003	-65,054,530	-53,077,910	-175,825,438
2004	-65,054,530	-51,657,333	-227,482,771
2005	-65,054,530	-50,274,777	-277,757,549
2006	-65,054,530	-48,929,223	-326,686,772
2007	-65,054,530	-47,619,682	-374,306,454
2008	-65,054,530	-46,345,189	-420,651,644
2009	-65,054,530	-45,104,807	-465,756,451
2010	-65,054,530	-43,897,623	-509,654,074
2011	-65,054,530	-42,722,747	-552,376,821
2012	-65,054,530	-41,579,316	-593,956,137
2013	-65,054,530	-40,466,487	-634,422,625
2014	-65,054,530	-39,383,443	-673,806,067
2015	-65,054,530	-38,329,385	-712,135,452

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	22,873,647	
Family Housing Construction	42,525,238	
Information Management Account	6,152,282	
Land Purchases	0	
Total - Construction		71,551,168
Personnel		
Civilian RIF	699,629	
Civilian Early Retirement	227,690	
Civilian New Hires	105,355	
Eliminated Military PCS	1,339,723	
Unemployment	122,148	
Total - Personnel		2,494,546
Overhead		
Program Planning Support	6,859,190	
Mothball / Shutdown	1,083,750	
Total - Overhead		7,942,940
Moving		
Civilian Moving	5,218,338	
Civilian PPS	2,390,400	
Military Moving	570,374	
Freight	319,540	
One-Time Moving Costs	1,500,000	
Total - Moving		9,998,651
Other		
HAP / RSE	836,924	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		836,924
-----		
Total One-Time Costs		92,824,230
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	180,165	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		180,165
-----		
Total <u>Net</u> One-Time Costs		92,644,064

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	4,601,659	
Family Housing Construction	0	
Information Management Account	100,800	
Land Purchases	0	
<b>Total - Construction</b>		<b>4,702,459</b>
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	66,540	
Eliminated Military PCS	0	
Unemployment	0	
<b>Total - Personnel</b>		<b>66,540</b>
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
<b>Total - Overhead</b>		<b>0</b>
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
<b>Total - Moving</b>		<b>0</b>
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
<b>Total - Other</b>		<b>0</b>
<b>Total One-Time Costs</b>		<b>4,768,999</b>
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
<b>Total One-Time Savings</b>		<b>0</b>
-----		
<b>Total Net One-Time Costs</b>		<b>4,768,999</b>

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT DETRICK, MD  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
<b>Construction</b>		
Military Construction	18,271,987	
Family Housing Construction	42,525,238	
Information Management Account	6,051,482	
Land Purchases	0	
Total - Construction		66,848,708
<b>Personnel</b>		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
<b>Overhead</b>		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
<b>Moving</b>		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	1,500,000	
Total - Moving		1,500,000
<b>Other</b>		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
-----		
Total One-Time Costs		68,348,708
-----		
<b>One-Time Savings</b>		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		68,348,708

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	699,629	
Civilian Early Retirement	227,690	
Civilian New Hires	0	
Eliminated Military PCS	1,339,723	
Unemployment	122,148	
Total - Personnel		2,389,191
Overhead		
Program Planning Support	6,859,190	
Mothball / Shutdown	1,083,750	
Total - Overhead		7,942,940
Moving		
Civilian Moving	5,218,338	
Civilian PPS	2,390,400	
Military Moving	570,374	
Freight	319,540	
One-Time Moving Costs	0	
Total - Moving		8,498,651
Other		
HAP / RSE	836,924	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		836,924
-----		
Total One-Time Costs		19,667,707
-----		
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	180,165	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		
Total One-Time Savings		180,165
-----		
Total Net One-Time Costs		19,487,541

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US  
 (All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	38,815	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		38,815
Overhead		
Program Planning Support	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0
-----		-----
Total One-Time Costs		38,815
-----		-----
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	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		38,815

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
-----	-----	-----	-----	-----	-----
FORT HUACHUCA	274	3%	10,000	0%	36
FORT DETRICK	936	25%	777,182	53%	830
FORT RITCHIE	-1,889	-100%	-867,000	-100%	459
BASE X	111	1%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
-----	-----	-----	-----	-----	-----	-----
FORT HUACHUCA	19,670	0%	72	608,960	1%	2,222
FORT DETRICK	501,836	8%	536	1,897,474	13%	2,027
FORT RITCHIE	-7,446,000	-100%	3,942	-16,556,529	-100%	8,765
BASE X	0	0%	0	214,726	1%	1,934

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
-----	-----	-----	-----
FORT HUACHUCA	628,630	1%	2,294
FORT DETRICK	2,399,310	12%	2,563
FORT RITCHIE	-24,002,529	-103%	12,706
BASE X	214,726	0%	1,934

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
FORT HUACHUCA	4,602	101	0	0	4,702
FORT DETRICK	60,797	6,051	0	0	66,849
FORT RITCHIE	0	0	0	0	0
BASE X	0	0	0	0	0
Totals:	65,399	6,152	0	0	71,551

PAGE 4  
 PAGE 5

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SPF

MilCon for Base: FORT HUACHUCA, AZ

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
-----	-----	-----	-----	-----	-----	-----
ACSIM 13 DEC 94 GEN PURP WAREHOUSE	STORA	0	0	10,000	1,013	1,013
ACSIM 13 DEC GEN PURP ADMIN	ADMIN	34,000	3,589	0	0	3,589
ACSIM 13 DEC						
ACSIM 13 DEC						
ACSIM 13 DEC						
-----						
Total Construction Cost:						4,602
+ Info Management Account:						101
+ Land Purchases:						0
- Construction Cost Avoid:						0
-----						
TOTAL:						4,702

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

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

MilCon for Base: FORT DETRICK, MD

All Costs in \$K

Description:	MilCon Categ	Using Rehab	Rehab Cost*	New MilCon	New Cost*	Total Cost*
-----	-----	-----	-----	-----	-----	-----
ACSIM 13 DEC						
GEN PURP WAREHOUSE	STORA	0	0	13,000	976	976
ACSIM 13 DEC						
GEN PURP ADMIN	ADMIN	0	0	38,000	5,038	5,038
ACSIM 13 DEC						
FAMILY HOUSING	FAMLQ	0	0	354	42,525	42,525
ACSIM 13 DEC						
UNACCOMP ENL HOUSING	BACHQ	0	0	212	12,258	12,258
ACSIM 13 DEC						
ACSIM 13 DEC						

Total Construction Cost:	60,797
+ Info Management Account:	6,051
+ Land Purchases:	0
- Construction Cost Avoid:	0
-----	-----
TOTAL:	66,849

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

PERSONNEL SUMMARY REPORT (COBRA v5.08)

Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

PERSONNEL SUMMARY FOR: FORT HUACHUCA, AZ

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
793	4,813	2,074	3,179

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	4	0	2	0	0	6
Enlisted	0	-3	0	0	0	0	-3
Students	0	-30	7	0	0	0	-23
Civilians	0	16	4	8	0	0	28
TOTAL	0	-13	11	10	0	0	8

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
799	4,810	2,051	3,207

PERSONNEL REALIGNMENTS:

From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	7	0	0	0	7
Enlisted	0	0	101	0	0	0	101
Students	0	0	0	0	0	0	0
Civilians	0	0	166	0	0	0	166
TOTAL	0	0	274	0	0	0	274

TOTAL PERSONNEL REALIGNMENTS (Into FORT HUACHUCA, AZ):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	7	0	0	0	7
Enlisted	0	0	101	0	0	0	101
Students	0	0	0	0	0	0	0
Civilians	0	0	166	0	0	0	166
TOTAL	0	0	274	0	0	0	274

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
806	4,911	2,051	3,373

PERSONNEL SUMMARY FOR: FORT DETRICK, MD

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
219	592	3	3,005

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-3	0	0	0	0	-3
Enlisted	0	-5	0	0	0	0	-5
Students	0	0	0	0	0	0	0
Civilians	0	-20	-17	-14	0	0	-51
TOTAL	0	-28	-17	-14	0	0	-59

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
216	587	3	2,954

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

PERSONNEL REALIGNMENTS:

From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	555	0	0	555
Students	0	0	0	0	0	0	0
Civilians	0	0	0	334	0	0	334
TOTAL	0	0	0	936	0	0	936

TOTAL PERSONNEL REALIGNMENTS (Into FORT DETRICK, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	555	0	0	555
Students	0	0	0	0	0	0	0
Civilians	0	0	0	334	0	0	334
TOTAL	0	0	0	936	0	0	936

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
263	1,142	3	3,288

PERSONNEL SUMMARY FOR: FORT RITCHIE, MD

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
89	941	0	1,027

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-4	-8	0	0	0	-12
Enlisted	0	-3	-4	0	0	0	-7
Students	0	0	0	0	0	0	0
Civilians	0	-34	-115	0	0	0	-149
TOTAL	0	-41	-127	0	0	0	-168

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
77	934	0	878

PERSONNEL REALIGNMENTS:

To Base: FORT HUACHUCA, AZ

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	7	0	0	0	7
Enlisted	0	0	101	0	0	0	101
Students	0	0	0	0	0	0	0
Civilians	0	0	166	0	0	0	166
TOTAL	0	0	274	0	0	0	274

To Base: FORT DETRICK, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	47	0	0	47
Enlisted	0	0	0	555	0	0	555
Students	0	0	0	0	0	0	0
Civilians	0	0	0	334	0	0	334
TOTAL	0	0	0	936	0	0	936

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

To Base: BASE X, US

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	0	0	0	1
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	107	0	0	0	107
TOTAL	0	0	111	0	0	0	111

TOTAL PERSONNEL REALIGNMENTS (Out of FORT RITCHIE, MD):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	8	47	0	0	55
Enlisted	0	0	104	555	0	0	659
Students	0	0	0	0	0	0	0
Civilians	0	0	273	334	0	0	607
TOTAL	0	0	385	936	0	0	1,321

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	-1	-7	-14	0	0	-22
Enlisted	0	-8	-93	-174	0	0	-275
Civilians	0	-8	-92	-171	0	0	-271
TOTAL	0	-17	-192	-359	0	0	-568

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: BASE X, US

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
715	4,360	1,105	2,773

PERSONNEL REALIGNMENTS:

From Base: FORT RITCHIE, MD

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	0	0	0	1
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	107	0	0	0	107
TOTAL	0	0	111	0	0	0	111

TOTAL PERSONNEL REALIGNMENTS (Into BASE X, US):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	1	0	0	0	1
Enlisted	0	0	3	0	0	0	3
Students	0	0	0	0	0	0	0
Civilians	0	0	107	0	0	0	107
TOTAL	0	0	111	0	0	0	111

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
716	4,363	1,105	2,880

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	273	334	0	0	607
Early Retirement*	10.00%	0	0	28	0	0	0	28
Regular Retirement*	5.00%	0	0	13	0	0	0	13
Civilian Turnover*	15.00%	0	0	41	0	0	0	41
Civs Not Moving (RIFs)**		0	0	16	0	0	0	16
Civilians Moving (the remainder)		0	0	175	334	0	0	509
Civilian Positions Available		0	0	98	0	0	0	98
CIVILIAN POSITIONS ELIMINATED		0	8	92	171	0	0	271
Early Retirement	10.00%	0	1	9	17	0	0	27
Regular Retirement	5.00%	0	0	5	9	0	0	14
Civilian Turnover	15.00%	0	1	14	26	0	0	41
Civs Not Moving (RIFs)**		0	0	6	10	0	0	16
Priority Placement#	60.00%	0	5	55	103	0	0	163
Civilians Available to Move		0	1	3	6	0	0	10
Civilians Moving		0	0	3	0	0	0	3
Civilian RIFs (the remainder)		0	1	0	6	0	0	7
CIVILIAN POSITIONS REALIGNING IN		0	0	273	334	0	0	607
Civilians Moving		0	0	178	334	0	0	512
New Civilians Hired		0	0	95	0	0	0	95
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	1	37	17	0	0	55
TOTAL CIVILIAN RIFs		0	1	22	16	0	0	39
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	5	55	103	0	0	163
TOTAL CIVILIAN NEW HIRES		0	0	95	0	0	0	95

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

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

# Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	166	0	0	0	166
Civilians Moving		0	0	106	0	0	0	106
New Civilians Hired		0	0	60	0	0	0	60
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	60	0	0	0	60

\* 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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT DETRICK, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	334	0	0	334
Civilians Moving		0	0	0	334	0	0	334
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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	273	334	0	0	607
Early Retirement*	10.00%	0	0	28	0	0	0	28
Regular Retirement*	5.00%	0	0	13	0	0	0	13
Civilian Turnover*	15.00%	0	0	41	0	0	0	41
Civs Not Moving (RIFs)*	6.00%	0	0	16	0	0	0	16
Civilians Moving (the remainder)		0	0	175	334	0	0	509
Civilian Positions Available		0	0	98	0	0	0	98
CIVILIAN POSITIONS ELIMINATED		0	8	92	171	0	0	271
Early Retirement	10.00%	0	1	9	17	0	0	27
Regular Retirement	5.00%	0	0	5	9	0	0	14
Civilian Turnover	15.00%	0	1	14	26	0	0	41
Civs Not Moving (RIFs)*	6.00%	0	0	6	10	0	0	16
Priority Placement#	60.00%	0	5	55	103	0	0	163
Civilians Available to Move		0	1	3	6	0	0	10
Civilians Moving		0	0	3	0	0	0	3
Civilian RIFs (the remainder)		0	1	0	6	0	0	7
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	1	37	17	0	0	55
TOTAL CIVILIAN RIFs		0	1	22	16	0	0	39
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	5	55	103	0	0	163
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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	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	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	60.00%	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	107	0	0	0	107
Civilians Moving		0	0	72	0	0	0	72
New Civilians Hired		0	0	35	0	0	0	35
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		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	35	0	0	0	35

\* 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 PPS placements involving a PCS is 50.00%

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	0.00%	0	0.00%	16.67%
1997	0	0.00%	100.00%	0	0.00%	16.67%
1998	274	100.00%	0.00%	0	0.00%	16.67%
1999	0	0.00%	0.00%	0	0.00%	16.67%
2000	0	0.00%	0.00%	0	0.00%	16.67%
2001	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	274	100.00%	100.00%	0	0.00%	100.00%

Base: FORT DETRICK, MD

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	0.00%	0	0.00%	16.67%
1997	0	0.00%	0.00%	0	0.00%	16.67%
1998	0	0.00%	100.00%	0	0.00%	16.67%
1999	936	100.00%	0.00%	0	0.00%	16.67%
2000	0	0.00%	0.00%	0	0.00%	16.67%
2001	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	936	100.00%	100.00%	0	0.00%	100.00%

Base: FORT RITCHIE, MD

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	50.00%	0	0.00%	0.00%
1997	0	0.00%	25.00%	17	0.90%	0.90%
1998	0	0.00%	25.00%	577	30.55%	30.55%
1999	0	0.00%	0.00%	1,295	68.55%	68.55%
2000	0	0.00%	0.00%	0	0.00%	0.00%
2001	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	1889	100.00%	100.00%

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US

Year	Pers Moved In		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
1996	0	0.00%	0.00%	0	0.00%	16.67%
1997	0	0.00%	100.00%	0	0.00%	16.67%
1998	111	100.00%	0.00%	0	0.00%	16.67%
1999	0	0.00%	0.00%	0	0.00%	16.67%
2000	0	0.00%	0.00%	0	0.00%	16.67%
2001	0	0.00%	0.00%	0	0.00%	16.67%
<b>TOTALS</b>	<b>111</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>	<b>100.00%</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	2,079	4,183	16,611	0	0	0	22,874
Fam Housing	3,866	0	38,659	0	0	0	42,525
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIF	0	18	395	287	0	0	700
Civ Retire	0	4	153	70	0	0	228
<b>CIV MOVING</b>							
Per Diem	0	0	541	0	0	0	541
POV Miles	0	0	60	0	0	0	60
Home Purch	0	0	1,777	0	0	0	1,777
HHG	0	0	1,330	0	0	0	1,330
Misc	0	0	124	0	0	0	124
House Hunt	0	0	535	0	0	0	535
PPS	0	86	806	1,497	0	0	2,390
RITA	0	0	850	0	0	0	850
<b>FREIGHT</b>							
Packing	0	0	72	232	0	0	305
Freight	0	0	14	0	0	0	15
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	3	69	50	0	0	122
<b>OTHER</b>							
Program Plan	2,508	1,881	1,411	1,058	0	0	6,859
Shutdown	0	10	331	743	0	0	1,084
New Hire	0	0	105	0	0	0	105
1-Time Move	0	0	0	1,500	0	0	1,500
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	0	53	0	0	0	53
POV Miles	0	0	44	0	0	0	44
HHG	0	0	394	0	0	0	394
Misc	0	0	78	0	0	0	78
<b>OTHER</b>							
Elim PCS	0	41	450	848	0	0	1,340
<b>OTHER</b>							
HAP / RSE	0	12	561	263	0	0	837
Environmental	0	0	0	0	0	0	0
Info Manage	0	101	6,051	0	0	0	6,152
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>8,454</b>	<b>6,340</b>	<b>71,479</b>	<b>6,551</b>	<b>0</b>	<b>0</b>	<b>92,824</b>

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	0	730	1,461	1,461	1,461	5,113	1,461
O&M								
RPMA	0	0	521	521	521	521	2,086	521
BOS	0	0	824	2,721	2,721	2,721	8,987	2,721
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	408	470	470	470	1,817	470
OTHER								
Mission	0	0	0	0	776	776	1,552	776
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	2,483	5,173	5,949	5,949	19,555	5,949
TOTAL COST	8,454	6,340	73,963	11,724	5,949	5,949	112,379	5,949
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
---- (\$K) ----	----	----	----	----	----	----	----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	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	180	0	0	0	180	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	180	0	0	0	180	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	----	----
FAM HOUSE OPS	0	105	3,794	15,417	23,458	23,458	66,232	23,458
O&M								
RPMA	0	31	1,127	4,695	7,446	7,446	20,745	7,446
BOS	0	81	1,016	5,225	16,556	16,556	39,434	16,556
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	184	2,484	8,533	12,465	12,465	36,131	12,465
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	34	306	1,019	1,495	1,495	4,349	1,495
Enl Salary	0	123	1,682	5,802	8,486	8,486	24,580	8,486
House Allow	0	4	706	766	766	766	3,010	766
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	330	330	660	330
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	563	11,114	41,457	71,004	71,004	195,142	71,004
TOTAL SAVINGS	0	563	11,294	41,457	71,004	71,004	195,322	71,004

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 3/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
----- (\$K) -----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	2,079	4,183	16,611	0	0	0	22,874	
Fam Housing	3,866	0	38,659	0	0	0	42,525	
<b>O&amp;M</b>								
Civ Retir/RIF	0	22	548	357	0	0	927	
Civ Moving	0	86	6,111	1,731	0	0	7,928	
Other	2,508	1,894	1,916	3,351	0	0	9,670	
<b>MIL PERSONNEL</b>								
Mil Moving	0	41	840	848	0	0	1,730	
<b>OTHER</b>								
HAP / RSE	0	12	561	263	0	0	837	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	101	6,051	0	0	0	6,152	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>8,454</b>	<b>6,340</b>	<b>71,299</b>	<b>6,551</b>	<b>0</b>	<b>0</b>	<b>92,644</b>	
<b>RECURRING NET</b>								
----- (\$K) -----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	0	-105	-3,063	-13,956	-21,997	-21,997	-61,120	-21,997
<b>O&amp;M</b>								
RPMA	0	-31	-605	-4,173	-6,924	-6,924	-18,659	-6,924
BOS	0	-81	-192	-2,504	-13,835	-13,835	-30,447	-13,835
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-184	-2,484	-8,533	-12,465	-12,465	-36,131	-12,465
<b>CHAMPUS</b>								
MIL PERSONNEL								
Mil Salary	0	-157	-1,988	-6,821	-9,981	-9,981	-28,929	-9,981
House Allow	0	-4	-299	-297	-297	-297	-1,193	-297
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	776	776	1,552	776
Misc Recur	0	0	0	0	-330	-330	-660	-330
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>-563</b>	<b>-8,631</b>	<b>-36,284</b>	<b>-65,054</b>	<b>-65,054</b>	<b>-175,587</b>	<b>-65,054</b>
<b>TOTAL NET COST</b>	<b>8,454</b>	<b>5,777</b>	<b>62,668</b>	<b>-29,733</b>	<b>-65,054</b>	<b>-65,054</b>	<b>-82,943</b>	<b>-65,054</b>

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 4/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	418	4,183	0	0	0	0	4,602
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
<b>CIV MOVING</b>							
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
PPS	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
<b>FREIGHT</b>							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
<b>OTHER</b>							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	66	0	0	0	66
1-Time Move	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
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
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	0	0
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	101	0	0	0	0	101
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>418</b>	<b>4,284</b>	<b>66</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,769</b>



APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 6/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT HUACHUCA, AZ

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	418	4,183	0	0	0	0	4,602	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Other	0	0	66	0	0	0	66	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	101	0	0	0	0	101	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>418</b>	<b>4,284</b>	<b>66</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,769</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
RPMA	0	0	20	20	20	20	79	20
BOS	0	0	609	609	609	609	2,436	609
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	384	384	384	384	1,537	384
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>0</b>	<b>1,013</b>	<b>1,013</b>	<b>1,013</b>	<b>1,013</b>	<b>4,052</b>	<b>1,013</b>
<b>TOTAL NET COST</b>	<b>418</b>	<b>4,284</b>	<b>1,079</b>	<b>1,013</b>	<b>1,013</b>	<b>1,013</b>	<b>8,821</b>	<b>1,013</b>

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 7/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT DETRICK, MD	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	-----	-----	-----	-----	-----	-----	-----
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----
<b>CONSTRUCTION</b>							
MILCON	1,661	0	16,611	0	0	0	18,272
Fam Housing	3,866	0	38,659	0	0	0	42,525
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
<b>CIV MOVING</b>							
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
PPS	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
<b>FREIGHT</b>							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
<b>OTHER</b>							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	1,500	0	0	1,500
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
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
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	0	0
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	6,051	0	0	0	6,051
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>5,527</b>	<b>0</b>	<b>61,322</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>68,349</b>



APPROPRIATIONS DETAIL REPORT (COBRA vS.08) - Page 9/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SPF

Base: FORT DETRICK, MD

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	1,661	0	16,611	0	0	0	18,272	
Fam Housing	3,866	0	38,659	0	0	0	42,525	
<b>O&amp;M</b>								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Other	0	0	0	1,500	0	0	1,500	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	0	0	0	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	6,051	0	0	0	6,051	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>5,527</b>	<b>0</b>	<b>61,322</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>68,349</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	730	1,461	1,461	1,461	5,113	1,461
<b>O&amp;M</b>								
RPMA	0	0	502	502	502	502	2,007	502
BOS	0	0	0	1,897	1,897	1,897	5,692	1,897
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	62	62	62	186	62
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	776	776	1,552	776
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>0</b>	<b>1,232</b>	<b>3,922</b>	<b>4,698</b>	<b>4,698</b>	<b>14,550</b>	<b>4,698</b>
<b>TOTAL NET COST</b>	<b>5,527</b>	<b>0</b>	<b>62,554</b>	<b>5,422</b>	<b>4,698</b>	<b>4,698</b>	<b>82,899</b>	<b>4,698</b>

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 10/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	18	395	287	0	0	700
Civ Retire	0	4	153	70	0	0	228
<b>CIV MOVING</b>							
Per Diem	0	0	541	0	0	0	541
POV Miles	0	0	60	0	0	0	60
Home Purch	0	0	1,777	0	0	0	1,777
HHG	0	0	1,330	0	0	0	1,330
Misc	0	0	124	0	0	0	124
House Hunt	0	0	535	0	0	0	535
PPS	0	86	806	1,497	0	0	2,390
RITA	0	0	850	0	0	0	850
<b>FREIGHT</b>							
Packing	0	0	72	232	0	0	305
Freight	0	0	14	0	0	0	15
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	3	69	50	0	0	122
<b>OTHER</b>							
Program Plan	2,508	1,881	1,411	1,058	0	0	6,859
Shutdown	0	10	331	743	0	0	1,084
New Hires	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
Per Diem	0	0	53	0	0	0	53
POV Miles	0	0	44	0	0	0	44
HHG	0	0	394	0	0	0	394
Misc	0	0	78	0	0	0	78
<b>OTHER</b>							
Elim PCS	0	41	450	848	0	0	1,340
<b>OTHER</b>							
HAP / RSE	0	12	561	263	0	0	837
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>2,508</b>	<b>2,056</b>	<b>10,052</b>	<b>5,051</b>	<b>0</b>	<b>0</b>	<b>19,668</b>

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 11/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Pctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	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	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0

TOTAL COSTS 2,508 2,056 10,052 5,051 0 0 19,668 0

ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
---- (\$K) ----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	180	0	0	0	180	0
OTHER								
Land Sales	0	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	180	0	0	0	180	0

RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	105	3,794	15,417	23,458	23,458	66,232	23,458
O&M								
RPMA	0	31	1,127	4,695	7,446	7,446	20,745	7,446
BOS	0	81	1,016	5,225	16,556	16,556	39,434	16,556
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	184	2,484	8,533	12,465	12,465	36,131	12,465
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	34	306	1,019	1,495	1,495	4,349	1,495
Enl Salary	0	123	1,682	5,802	8,486	8,486	24,580	8,486
House Allow	0	4	706	766	766	766	3,010	766
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	330	330	660	330
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	563	11,114	41,457	71,004	71,004	195,142	71,004
TOTAL SAVINGS	0	563	11,294	41,457	71,004	71,004	195,322	71,004

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 12/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: FORT RITCHIE, MD

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
----- (\$K) -----	----	----	----	----	----	----	-----	-----
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	22	548	357	0	0	927	
Civ Moving	0	86	6,111	1,731	0	0	7,928	
Other	2,508	1,894	1,811	1,851	0	0	8,065	
<b>MIL PERSONNEL</b>								
Mil Moving	0	41	840	848	0	0	1,730	
<b>OTHER</b>								
HAP / RSE	0	12	561	263	0	0	837	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>2,508</b>	<b>2,056</b>	<b>9,872</b>	<b>5,051</b>	<b>0</b>	<b>0</b>	<b>19,487</b>	
<b>RECURRING NET</b>								
----- (\$K) -----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	-105	-3,794	-15,417	-23,458	-23,458	-66,232	-23,458
<b>O&amp;M</b>								
RPMA	0	-31	-1,127	-4,695	-7,446	-7,446	-20,745	-7,446
BOS	0	-81	-1,016	-5,225	-16,556	-16,556	-39,434	-16,556
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-184	-2,484	-8,533	-12,465	-12,465	-36,131	-12,465
CHAMPUS	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	-157	-1,988	-6,821	-9,981	-9,981	-28,929	-9,981
House Allow	0	-4	-706	-766	-766	-766	-3,010	-766
<b>OTHER</b>								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	-330	-330	-660	-330
Unique Other	0	0	0	0	0	0	0	0
<b>TOTAL RECUR</b>	<b>0</b>	<b>-563</b>	<b>-11,114</b>	<b>-41,457</b>	<b>-71,004</b>	<b>-71,004</b>	<b>-195,142</b>	<b>-71,004</b>
<b>TOTAL NET COST</b>	<b>2,508</b>	<b>1,493</b>	<b>-1,242</b>	<b>-36,406</b>	<b>-71,004</b>	<b>-71,004</b>	<b>-175,654</b>	<b>-71,004</b>

APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 13/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US	1996	1997	1998	1999	2000	2001	Total
ONE-TIME COSTS	----	----	----	----	----	----	----
---- (\$K) ----	----	----	----	----	----	----	----
<b>CONSTRUCTION</b>							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
<b>CIV MOVING</b>							
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
PPS	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
<b>FREIGHT</b>							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
<b>OTHER</b>							
Program Plan	0	0	0	0	0	0	0
Shutdown	0	0	0	0	0	0	0
New Hires	0	0	39	0	0	0	39
1-Time Move	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
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
<b>OTHER</b>							
Elim PCS	0	0	0	0	0	0	0
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>0</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>



APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 15/15  
 Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Base: BASE X, US

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
---- (\$K) ----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	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	
Other	0	0	39	0	0	0	39	
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	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	39	0	0	0	39	
RECURRING NET	1996	1997	1998	1999	2000	2001	Total	Beyond
---- (\$K) ----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	215	215	215	215	859	215
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	23	23	23	23	93	23
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	238	238	238	238	952	238
TOTAL NET COST	0	0	277	238	238	238	991	238

RPMA/BOS CHANGE REPORT (COBRA v5.08)

Data As Of 09:35 09/09/1994, Report Created 14:00 02/17/1995

Department : ARMY  
 Option Package : CA11-2Q  
 Scenario File : C:\COBRA\CA11-2Q.CBR  
 Std Fctrs File : C:\COBRA\SF7DEC.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-31	-605	-4,173	-6,924	-6,924	-18,659	-6,924
BOS Change	0	-81	-192	-2,504	-13,835	-13,835	-30,447	-13,835
Housing Change	0	-105	-3,063	-13,956	-21,997	-21,997	-61,120	-21,997
<b>TOTAL CHANGES</b>	<b>0</b>	<b>-217</b>	<b>-3,861</b>	<b>-20,634</b>	<b>-42,757</b>	<b>-42,757</b>	<b>-110,226</b>	<b>-42,757</b>

BRAC 95 STATIONING PROFILE - PERMANENT ASSETS REPORT  
 FACILITY CONSTRUCTION REQUIREMENTS

DIG 13 | 1675 | Dec 95 | *Case Relativ-Phuachuca* | ALTERNATIVE NO. CA-11-1-2

FACILITY CAT. GROUP NO.	BEFORE STATION PERM ASSETS (000)	BEFORE STATION ALLOW (000)	BEFORE STATION PERM ASSETS -ALLOW (000)	STN ALLOW (000)	CONSTRUCT (000)
REN OVATE NEW			(-)	18/0	0
REN OVATE NEW			(-)	18/4	0
			(-)	49/10	10
REN OVATE NEW			227/182	150/34	0
REN OVATE NEW			201	320/71	0
REN OVATE NEW			(-)	175/39	0

INVESTIGATION FROM CHANGE IN STATIONING PROFILE (TABLES 1-1)

*ISE - Control & Garrison will be not generating this ROG => will be not by 6 P Admin & also be 1 int OK using garrio*

*Ratio used due to reduced garrison. Moving. Would use ex-cel D S Maint. Must currently use Lines Orig D S Maint. Ratio used to reflect 100% cost, updated.*

*Ratio used to reduced ROG to smaller reproduction. Can be absorbed w/ Minor Peration (6 readout)*

*mil only ratios used 100% Reg. Can be absorbed*

*Too small to build complete 57 usable capability. Mikata used to reduce Reg.*

*\* Extension w/ 4 x 1 at base at Phuachuca for BRAC 1 x 91 minimum table 30 V. S. 15  
 \* Admin. & 1 piped - developed - existing admin. needs 100% station*

At Phuachuca

BRAC 95  
STATIONING PROFILE - PERMANENT ASSETS REPORT  
FACILITY CONSTRUCTION REQUIREMENTS

Revised # 2

DTG 13 164 1 Dec 94

Close Patching -> District

ALTERNATIVE NO. C711-1-2

FACILITY CAT. GROUP NO.		BEFORE STATION PERM ASSETS (000)	BEFORE STATION ALLOW (000)	BEFORE STATION PERM ASSETS -ALLOW (000)	STN ALLOW (000)	CONSTRUCT (000)	JUSTIFICATION FOR CHANGE IN STATIONING PROFILE (IF APPROPRIATE)
C	RENOVATE						Common UIC generates these requirements only for moves. This not needed
	NEW			2	18/0	0	
E2	RENOVATE						Small population w/ vehicles moving in; also suburbs a process (Probably contract)
	NEW			(-)	18/4	0	
3	RENOVATE						not used for particular move
	NEW			(-)	65/13	13	
6	RENOVATE						not used for particular to build
	NEW			(-)	171/38	38	
RPH	RENOVATE						Construction of Stationing alt. for 10 spot UIC. Manual also a use of UIC working at Site R - then 9/1/94.
	NEW			(-)	848/373	354	
RPH	RENOVATE	Do NOT understand?					Build for both Site R + reduce UIC move
	NEW			29	56/241	212	

\* Spec rd UIC's will work at Site R + therefore don't generate requirement, other than housing in District.

At District

CA11-2

Close Ritchie  
- Selected UICs to Huachuca

11/17/94  
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STATIONING SCENARIO

UNITS STATIONED:

ACTION	UNIT	UNIT DESCRIPTION	FROM INST	YEAR
Add	006502	CONTRACT SUPPORT	RITCHIE	2000
Add	W065AA	HQ GARRISON	RITCHIE	2000
Add	W285AA	U ISC FT RITCHES	RITCHIE	2000
Add	W3HJAA	AGYUSACEEIA-COMUS	RITCHIE	2000
Add	W4PB06	ACTMGT ENG	RITCHIE	2000
Add	W4PB09	ACTMGT ENG	RITCHIE	2000

md      US Civ  
475      737

TARGET INSTALLATIONS: 737  
475

INST NO	INSTALLATION NAME	MACOM	INSTALLATION TYPE
04005	Fort Huachuca	TRADOC	Training/School Comman

Station scenario specifies Moving Population: 108 md  
181 USCiv

∴ Mid adjustment ratio =  $108/475 = .23$   
 Total adj. ratio =  $(108+181)/(475+737) = .24$   
 $289/1,212 = .24$

11/17/94  
HQPLANS

STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Huachuca -- 04005  
FY 2000

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*Adjusted Allowances*

FCG	FCG DESCRIPTION	UM	BEFORE	PLANNED	BEFORE	BEFORE	BEFORE	BEFORE	BEFORE	NEW	TOTAL
			STATION PERM ASSETS (000)	CONST PROJ (000)	STATION ALLOW (000)	STATION PERM ASSETS (000)	STN -ALLOW (000)	STN ALLOW (000)	STN CONST (000)		
11110	FW RUNWAYS	SY	322	0	42	281	0	0	0	0	0
11120	RW RUNWAYS	SY	0	0	4	-4	0	0	0	0	0
11210	STD TWY	SY	280	0	34	246	0	0	0	0	0
11310	AC PA FW	SY	152	0	28	124	0	0	0	0	0
11320	AC PA RW	SY	22	0	54	-32	0	0	0	0	0
11330	AC MAINT APRON	SY	1	0	12	-12	0	0	0	0	0
11340	HGR ACCESS APR	SY	0	0	8	-8	0	0	0	0	0
11350	AC RWY HLD AP	SY	12	0	8	5	0	0	0	0	0
11370	A/C WASH APRON	SY	1	0	3	-2	0	0	0	0	0
11380	AC LOADING APR	SY	67	0	7	60	0	0	0	0	0
11610	COMP SWING BAS	SY	2	0	2	0	0	0	0	0	0
14110	AF OPS BLDG	SF	14	0	9	5	0	0	0	0	0
14112	AV UNIT OPS BL	SF	0	0	5	-5	0	0	0	0	0
14182	BDE HQ BLDG	SF	9	0	20	-11	0	0	0	0	0
14183	BN HQ BLDG	SF	49	35	80	-31	11	11	0	1975	1975
14185	CO HQ BLDG	SF	87	0	96	-9	7	7	0	1341	1341
+14310	MISC SHIP OPS	SF	0	0	0	0	0	0	0	0	0
+15110	PIERS/WHARFS	FB	0	0	0	0	0	0	0	0	0
+15310	CARGO STG AREA	SY	0	0	0	0	0	0	0	0	0
+17112	FLIGHT SIM BLDG	SF	0	0	0	0	0	0	0	0	0
17115	BAND TRAIN FAC	SF	0	0	8	-8	0	0	0	0	0
17120	GEN INST BLDGS	SF	197	32	332	-135	0	0	0	0	0
17121	INDOOR FIRE RG	SF	0	0	14	-14	1	1	0	97	97
17130	APPL INST BLDG	SF	665	207	50	615	0	0	0	0	0
+17140	AR CENTER	SF	0	0	0	0	0	0	0	0	0
+17142	NG CENTER	SF	0	0	0	0	0	0	0	0	0
17160	TASC	SF	16	0	23	-6	1	1	0	204	204
+17182	TRGT MOV SIM B	SF	0	0	0	0	0	0	0	0	0
17901	BSC 25M FIRE R	EA	0	0	1.16	-1.16	0	0	0	0	0
17902	FLD FIRING RG	EA	1	0	1.16	-.16	0	0	0	0	0
17903	RECORD FIRE RG	EA	1	1	1.16	-.16	0	0	0	0	0
+17904	NIGHT FIRE RG	EA	0	0	0	0	0	0	0	0	0
+17906	KNOWN DIST RG	EA	1	0	1	0	0	0	0	0	0
17907	SNIPER TRNG FL	EA	0	0	1	-1	0	0	0	0	0
+17908	TGT DETECT RG	EA	0	0	0	0	0	0	0	0	0
17909	MACHGUN 10M RG	EA	0	0	.16	-.16	0	0	0	0	0
17910	MACHGUN TRAN R	EA	0	0	1.16	-1.16	0	0	0	0	0
17912	APC FIRING RG	EA	0	0	.03	-.03	0	0	0	0	0
+17913	HD GR FAMILIAR	EA	1	0	1	0	0	0	0	0	0
+17916	HD GR CONFIDEN	EA	0	0	0	0	0	0	0	0	0
17917	GR LAUNCHER RG	EA	1	0	1.32	-.32	0	0	0	0	0

*Full garrison not mandatory!!*

11/17/94  
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STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Huachuca -- 04005  
FY 2000

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FCG	FCG DESCRIPTION	UM	BEFORE	BEFORE	BEFORE	BEFORE	BEFORE	BEFORE	TOTAL
			STATION PERM ASSETS (000)	STATION CONST PROJ (000)	STATION PERM ASSETS (000)				
+17918	RECOIL RIFLE R EA		0	0	0	0	0	0	0
+17919	LT ANTIAR WP R EA		0	0	0	0	0	0	0
+17920	ANTIAR TRACK R EA		0	0	0	0	0	0	0
+17921	DEMO BT + LM R EA		0	0	0	0	0	0	0
+17922	FLAS + FLMTH R EA		0	0	0	0	0	0	0
17923	MOUT CFT RG EA		0	0	0	0	0	0	0
+17924	MORT SCAL TR R EA		0	0	0	0	0	0	0
+17925	MORTAR RANGE R EA		1	0	1	0	0	0	0
+17926	INF SQD BTL CR EA		1	0	1	0	0	0	0
+17927	INF PLT BLT CR EA		0	0	0	0	0	0	0
17928	COMBT PISTOL R EA		1	0	0	1	0	0	0
17930	TK GUN 1:30&60 EA		0	0	0	0	0	0	0
17931	TK GUN 1:5&1:1 EA		0	0	0	0	0	0	0
17932	TK GUN STATNRY EA		1	0	0	1	0	0	0
17933	TK CRW CBT FIR EA		2	0	0	2	0	0	0
+17935	CMBAT ENG RANG EA		0	0	0	0	0	0	0
+17936	GUNSHIP HARM R EA		0	0	0	0	0	0	0
17937	AERIAL GUNRY R EA		0	0	0	0	0	0	0
+17938	FLD ART SCAL R EA		0	0	0	0	0	0	0
17942	FLD ART INDR R EA		0	0	0	0	0	0	0
17943	AIRDEF FIRE RG EA		0	0	0	0	0	0	0
+17944	PLTDEF AFST AI EA		0	0	0	0	0	0	0
+17947	BAYONET ASSAUL EA		0	0	0	0	0	0	0
+17967	INFILTRATION C EA		0	0	0	0	0	0	0
17986	MANUEVER AREA AC		56	0	0	56	0	0	0
21110	MNT HANGAR AVU SF		49	0	53	-4	0	0	0
21111	MNT HANGAR AVI SF		42	0	0	42	0	0	0
+21120	MISC ACFT MAIN SF		5	0	5	0	0	0	0
+21210	GM MAINT BLDG SF		0	0	0	0	0	0	0
+21320	MARINE RAILWAY LF		0	0	0	0	0	0	0
+21407	NG MAINT FAC SF		0	0	0	0	0	0	0
+21409	AR MAINT FAC SF		18	0	27	-9	0	0	0
21410	VEH MNT SH ORG SF		136	27	24	112	0	0	0
21420	VEH MNT SH DS SF		79	0	0	79	0	0	0
+21435	VEH REBUILD FA SF		0	0	0	0	0	0	0
21456	WASH FAC CENT EA		5	0	1	4	1	0	0
+21510	GUN/WPN REPAIR SF		0	0	0	0	0	0	0
+21610	AMMO MAINT FAC SF		0	0	0	0	0	0	0
21800	SP PURP MNT SH SF		3	0	113	-110	18 4	18	0
+21810	PAR/ABM EQP RE SF		0	0	0	0	0	0	0
+21830	MISC MAINT BLD SF		0	0	0	0	0	0	0
21900	MNT INST O&R SF		54	0	34	20	3	0	0

2856 2856

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STATIONING PROFILE -- PERMANENT ASSETS ONLY  
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FCG	DESCRIPTION	UM	BEFORE STATION PLANNED		BEFORE STATION			BEFORE STATION		TOTAL (\$000)	
			PERM ASSETS (000)	CONST PROJ (000)	BEFORE STATION ALLOW (000)	PERM ASSETS -ALLOW (000)	STN NEW ALLOW (000)	PERM ASSETS USED (000)	CONST NEW (000)		
+22110	AC PROD BLDG	SF	0	0	0	0	0	0	0	0	
+22210	GM PROD BLDG	SF	0	0	0	0	0	0	0	0	
+22310	SHIP PROD BLDG	SF	0	0	0	0	0	0	0	0	
+22410	TANK/AUTO PROD	SF	0	0	0	0	0	0	0	0	
+22510	WEAPON PROD BL	SF	0	0	0	0	0	0	0	0	
+22610	EXPLOSIVE PROD	SF	0	0	0	0	0	0	0	0	
+22710	COMMO PROD BLD	SF	0	0	0	0	0	0	0	0	
+22810	LTHR & TEX PLN	SF	0	0	0	0	0	0	0	0	
+22820	CONST EQP PLAN	SF	0	0	0	0	0	0	0	0	
+22830	RR EQP PLANT	SF	0	0	0	0	0	0	0	0	
+22840	PRINT PLANT	SF	7	0	7	0	0	0	0	0	
+22890	MISC PROD BLDG	SF	0	0	0	0	0	0	0	0	
+22910	PROD MNT REP O	EA	0	0	0	0	0	0	0	0	
+31010	RODT&E LABS	SF	0	0	0	0	0	0	0	0	
+31110	AC RODT&E	SF	0	0	0	0	0	0	0	0	
+31210	MSL SPACE RODT	SF	0	0	0	0	0	0	0	0	
+31310	MAR RODT&E	SF	0	0	0	0	0	0	0	0	
+31410	TANK/AUTO RODT	SF	0	0	0	0	0	0	0	0	
+31510	WEAPON RODT&E	SF	0	0	0	0	0	0	0	0	
+31610	EXPLOSIVE RODT	SF	0	0	0	0	0	0	0	0	
+31710	ELEC RODT&E	SF	376	0	379	-3	0	0	0	0	
+31810	PROP RODT&E	SF	0	0	0	0	0	0	0	0	
+31910	NON-METAL RODT	SF	0	0	0	0	0	0	0	0	
+32010	UND-WAT EQU RD	SF	0	0	0	0	0	0	0	0	
+32110	TECH SERVICE	SF	0	0	0	0	0	0	0	0	
+37110	RODT&E RANGE	FA	0	0	0	0	0	0	0	0	
+39010	OTHER RODT&E	FA	11	0	11	0	0	0	0	0	
41100	LIQ FUEL STOR	BL	0	0	12688	-12688	1186	1186	0	59	59
+42100	AMMO STOR-DEP	SF	0	0	0	0	0	0	0	0	0
42200	AMMO STOR-INST	SF	12	0	0	11	0	0	0	0	0
43200	COLD STOR-INST	SF	18	0	8	9	0	0	0	0	0
+44100	GEN P WH-DEP	SF	0	0	0	0	0	0	0	0	0
44200	GEN P WH-INST	SF	234	10	479	-245	45	10 45	0	4254	4254
44230	CONT HUM WH	SF	16	0	24	-8	2	2	0	223	223
44240	INFL MATLS WH	SF	1	0	24	-23	2	2	0	364	364
44260	VEH STOR SHED	SF	3	0	0	3	0	0	0	0	0
45200	VEH HARDSTAND	SY	18	18	46	-28	0	0	0	0	0
51010	HOSPITAL	SF	122	15	112	10	7	0	7	0	0
+53040	VET FACILITY	SF	17	0	19	-1	0	0	0	0	0
54010	DENTAL CLINIC	SF	20	0	15	5	0	0	0	0	0
55010	HEALTH CLINIC	SF	8	0	14	-7	1	1	0	118	118
61050	GEN PURP ADMIN	SF	873	72	646	227	150	34 0	150	0	0

11/17/94  
HQRPLANS

STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Huachuca -- 04005  
FY 2000

Database  
Ver 4.20

FCG	FCG DESCRIPTION	UM	BEFORE STATION		BEFORE STATION			BEFORE STATION		TOTAL (\$000)	
			PERM ASSETS (000)	PLANNED CONST PROJ (000)	BEFORE STATION ALLOW (000)	PERM ASSETS -ALLOW (000)	STN NEW ALLOW (000)	STN NEW CONST (000)	PERM ASSETS USED (000)		NEW CONST (\$000)
71100	FAMILY HOUSING	SF	5996	0	5133	862	433	0	433	0	0
7110F	FAMILY HOUSING	FA	4004	0	3803	201	320	71	119	201	19435
7110P	OFF POST HSG	FA	2052	0	0	2052	0	0	0	0	0
72100	ENL UPH	SF	1048	0	1569	-521	68	68	0	0	0
7210P	ENL UPH (HQIFS)	PN	3868	0	4044	-176	175	175	0	12706	12706
7210S	ENL UPH (PLNG)	PN	3803	0	4044	-241	175	39	175	0	12706
72114	EN BKS AT/MOB	SF	0	0	0	0	0	0	0	0	0
7211P	EN BKS AT/MOB	PN	0	0	0	0	0	0	0	0	0
72170	SR ENL QTRS	SF	0	0	118	-118	14	14	0	0	0
7217P	SR ENL QTRS	PN	0	0	304	-304	35	35	0	2541	2541
72181	ENL BKS TRAINE	SF	0	0	0	0	0	0	0	0	0
7218P	ENL BKS TRAINE	PN	0	0	0	0	0	0	0	0	0
72200	UPH DINE FAC	SF	65	0	40	25	2	0	2	0	0
72400	OFF UPH	SF	153	0	286	-134	4	4	0	0	0
7240P	OFF UPH	PN	305	0	424	-119	6	6	0	688	688
+73010	FIRE STATION	SF	10	0	18	-8	0	0	0	0	0
+73015	CONFINEMENT	FA SF	0	0	0	0	0	0	0	0	0
73020	CHAPEL CTR	FAC SF	33	0	56	-23	6	6	0	1273	1273
+73028	DRUG ABUSE CTR	SF	0	0	5	-5	0	0	0	0	0
+73030	LNDRY/DRYCL	FA SF	39	11	39	0	0	0	0	0	0
+73048	DEPN GR SCH	SF	0	0	0	0	0	0	0	0	0
+73049	DEPN HIGH SCH	SF	0	0	0	0	0	0	0	0	0
+73073	POST OFFICE	SF	6	0	6	0	0	0	0	0	0
74006	BANK	SF	0	0	9	-9	1	1	0	121	121
74010	AUDTM GEN PURP	SF	12	0	32	-20	2	2	0	358	358
74011	BOWLING CTR	SF	21	0	32	-10	2	2	0	415	415
74014	CHILD SPT CTR	SF	23	0	60	-37	8	2	0	1657	1657
74021	COMMISSARY	SF	75	0	54	22	2	0	2	0	0
74022	SKILL DEV CTR	SF	6	0	18	-12	1	1	0	115	115
74024	SKILL CTR AUTO	SF	10	0	11	-1	0	0	0	64	64
74025	ACES FACILITY	SF	22	0	20	2	1	0	1	0	0
74028	PHYS FIT CTR	SF	52	0	68	-16	4	4	0	802	802
74032	TRANS HSG FAC	SF	48	0	6	42	0	0	0	0	0
74033	COMMUNITY CTR	SF	7	0	9	-2	0	0	0	50	50
74041	LIBRARY CTR	SF	15	0	24	-9	2	2	0	277	277
74046	OPEN DINING	FA SF	62	0	69	-7	6	6	0	1623	1623
74052	EXCH SVC STA	SF	7	0	8	-1	0	0	0	115	115
74053	EXCH MAIN RETL	SF	96	0	77	19	3	0	3	0	0
74064	REST/CAFE	SF	25	0	14	11	1	0	1	0	0
74066	YOUTH CENTER	SF	22	0	19	3	1	0	1	0	0
74069	RECREATION BLD	SF	44	0	75	-31	5	5	0	770	770
75010	TENNIS COURTS	EA	4	0	14	-10	0	0	0	0	0

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HQRPLANS

STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Huachuca -- 04005  
FY 2000

Database  
Ver 4.20

FCG	FCG DESCRIPTION	UM	BEFORE	BEFORE	BEFORE	BEFORE	BEFORE	BEFORE	TOTAL (\$000)		
			STATION PERM ASSETS (000)	PLANNED CONST PROJ (000)	STATION BEFORE ALLOW (000)	STATION PERM ASSETS -ALLOW (000)	STN ALLOW (000)	STN NEW CONST (000)		STATION PERM ASSETS USED (000)	
75011	MULTIPLE COURT EA	1	0	0	9	-8	0	0	0	0	
+75012	BASKETBALL CT EA	11	0	0	12	-1	0	0	0	0	
+75018	GEN PURP PLAYG EA	28	0	0	28	0	0	0	0	0	
75020	BASEBALL FIELD EA	7	0	0	6	1	0	0	0	0	
75021	SOFTBALL FIELD EA	3	0	0	16	-13	1	1	0	56	56
75022	FOOTBALL/SOCCE EA	2	0	0	13	-11	0	0	0	0	0
+75027	RUNNING TRACK EA	1	0	0	1	0	0	0	0	0	0
75030	OUTDOOR POOLS EA	2	0	0	3	-1	0	0	0	0	0
+75040	GOLF CS 18H EA	1	0	0	1	0	0	0	0	0	0
+75041	GOLF CS 9H EA	0	0	0	0	0	0	0	0	0	0
+76010	MUSEUM SF	14	0	0	14	0	0	0	0	0	0
+81100	ELEC PWR SOURC KY	20000	0	0	20000	0	1844	1844	0	2612	2612
+81121	MISC ELEC PWR KY	56237	0	0	56237	0	0	0	0	0	0
+81200	ELEC PWR DIST LF	1518	0	0	1518	0	142	142	0	2458	2458
+81300	ELEC PWR SUBST KV	19455	0	0	19455	0	1844	1844	0	319	319
+82100	HEAT SOURCE MB	0	0	0	0	0	0	0	0	0	0
+82111	MISC HT PL MB	0	0	0	0	0	0	0	0	0	0
+82200	HEAT DIST LN LF	643	0	0	643	0	0	0	0	0	0
+83100	SEW/TRMT & DSP KG	2800	0	0	2800	0	251	251	0	1085	1085
+83120	MISC SEW TREAT KG	53	0	0	53	0	0	0	0	0	0
+83200	WSTVTR COLL SY LF	464	0	0	464	0	42	42	0	3522	3522
+84100	W S TRMT KG	6572	0	0	6572	0	369	369	0	1595	1595
+84120	W S STOR KG	5620	0	0	5620	0	315	315	0	756	756
+84127	MISC WTR TREAT KG	24	0	0	24	0	0	0	0	0	0
+84200	WATER DISTR LF	1492	0	0	1492	0	57	57	0	2774	2774
+85100	ROADS SY	1418	0	0	1418	0	171	171	0	8357	8357
+85120	VEHICLE BRIDGE SY	0	0	0	0	0	0	0	0	0	0
85210	ORG VEH PARK SY	444	0	0	895	-451	94	94	0	5517	5517
85215	NOMORG VEH PAR SY	903	0	0	820	83	68	0	68	0	0
+86010	RAILROADS MI	0	0	0	0	0	0	0	0	0	0

TOTALS w/ENL UPH (HQIFS)	83550	83550
TOTALS w/ENL UPH (HQIFS) w/o FH	64115	64115
TOTALS w/ENL UPH (PLNG)	83550	83550
TOTALS w/ENL UPH (PLNG) w/o FH	64115	64115

+ = HQRPLANS/RPLANS Allowances = Total Installation Assets.

Assets/allowances are rounded to the nearest thousand only where UM

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HQRPLANS

STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Huachuca -- 04005  
FY 2000

Database  
Ver 4.20

FCG	DESCRIPTION	UM	BEFORE STATION PLANNED			BEFORE STATION			BEFORE STATION		TOTAL
			ASSETS	CONST	PROJ	STATION	PERM	STN	NEW	ASSETS	
			(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)	(000)

is AC, LF, SF, or SY. Actual assets/allowances are shown for all other UM.

New facility construction needed to satisfy stationing allowances is rounded to the nearest thousand only where UM is AC, LF, SF, or SY. Actual new facility construction needed is shown for all other UM.

Family housing assets data for available off-post assets was provided by ACSIM as of July 1994, is included in the data displayed under EEA 71F/FCG 7110F and is also displayed for information only under EEA 71P/FCG 7110P in this report. The planning UEPH capacity of permanent enlisted barracks was also provided by ACSIM as of July 1994 and is displayed under EEA 72S/FCG 7210S in this report.

BEFORE STATION ASSETS include leased family housing, available off-post family housing, commercial sources for utilities and planned construction projects from FY 92 through the FY two years prior to the stationing year. Only construction projects for FY 92-96 that have been reviewed and selected by ACSIM to represent new permanent facilities are included. Planned construction projects for FY 97 and later years are not included for stationing years 1998-2000. Planned construction projects included are also displayed in a separate column. Temporary airfield pavements and all other leased assets are excluded from consideration and are not used to satisfy unit allowances.

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HQRPLANS

Database  
Ver 4.20

STATIONING SCENARIO

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UNITS STATIONED:

ACTION	UNIT	UNIT DESCRIPTION	FROM INST	YEAR
Add	006502	CONTRACT SUPPORT	RITCHIE	2000
Add	W065AA	HQ GARRISON	RITCHIE	2000
Add	W285AA	U ISC FT RITCHES	RITCHIE	2000
Add	W3HJAA	AGYUSACEEIA-CONUS	RITCHIE	2000
Add	W4PB06	ACTMGT ENG	RITCHIE	2000
Add	W4PB09	ACTMGT ENG	RITCHIE	2000

TARGET INSTALLATIONS:

INST NO	INSTALLATION NAME	MACOM	INSTALLATION TYPE
04005	Fort Huachuca	TRADOC	Training/School Comman

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STATIONING POPULATION SUMMARY  
UNITS BASED IN 2000

Database  
Ver 4.20

UNIT	UNIT DESCRIPTION	FROM INST	OFF	WOF	ENL	TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
006502	CONTRACT SUPPORT	RITCH	0	0	0	0	0	105	105	105
W065AA	HQ GARRISON	RITCH	18	1	243	262	305	0	305	567
W285AA	U ISC FT RITCHES	RITCH	0	0	32	32	43	0	43	75
W3H1AA	AGYUSACEEIA-COMUS	RITCH	6	0	134	140	237	0	237	377
W4PB06	ACTMGT ENG	RITCH	6	1	34	41	152	0	152	193
W4PB09	ACTMGT ENG	RITCH	0	0	0	0	0	0	0	0
			30	2	443	475	737	105	842	1317

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PROJECTED INSTALLATION POPULATIONS AFTER STATIONING  
FY 1994-2000

Database  
Ver 4.20

INST NAME	POPULATION#	1994	1995	1996	1997	1998	1999	2000	
HUACHUCA	Total OFF	1146	1088	1073	1055	1062	1064	1094	
	Total WOF	142	150	157	155	151	151	153	
	Total ENL	5653	6209	6446	6437	6441	6441	6884	
	TOTAL MIL	6941	7447	7676	7647	7654	7656	8131	
	Total US CIV	3065	3244	3183	3199	3203	3211	3948	
	Total OTH CIV	3223	3243	3243	3243	3243	3243	3336	
	TOTAL CIV	6288	6487	6426	6442	6446	6454	7284	
	TOTAL POP	13229	13934	14102	14089	14100	14110	15415	
	(Students)								
	(PCS OFF)	376	336	145	145	145	145	145	145
	(PCS WOF)	0	0	0	0	0	0	0	0
	(PCS ENL)	0	0	0	0	0	0	0	0
	(PCS US CIV)	6	6	0	0	0	0	0	0
	(PCS OTH CIV)	0	0	0	0	0	0	0	0
(TDY OFF)	94	89	249	227	234	234	234	234	
(TDY WOF)	36	37	43	41	37	37	37	37	
(TDY ENL)	439	496	403	499	531	531	531	531	
(TDY US CIV)	2	3	3	3	3	3	3	3	
(TDY OTH CIV)	0	0	0	0	0	0	0	0	
(Trainees)	514	1109	1231	1129	1101	1101	1101	1101	
RITCHIE	Total OFF	89	89	89	85	77	77	47	
	Total WOF	6	6	6	6	6	6	4	
	Total ENL	990	966	966	963	959	959	516	
	TOTAL MIL	1085	1061	1061	1054	1042	1042	567	
	Total US CIV	1190	1132	1110	1061	946	946	209	
	Total OTH CIV	455	455	455	455	455	455	350	
	TOTAL CIV	1645	1587	1565	1516	1401	1401	559	
	TOTAL POP	2730	2648	2626	2570	2443	2443	1126	
	(Students)								
	(PCS OFF)	0	0	0	0	0	0	0	0
	(PCS WOF)	0	0	0	0	0	0	0	0
	(PCS ENL)	0	0	0	0	0	0	0	0
	(PCS US CIV)	0	0	0	0	0	0	0	0
	(PCS OTH CIV)	0	0	0	0	0	0	0	0
(TDY OFF)	0	0	0	0	0	0	0	0	
(TDY WOF)	0	0	0	0	0	0	0	0	
(TDY ENL)	0	0	0	0	0	0	0	0	
(TDY US CIV)	0	0	0	0	0	0	0	0	
(TDY OTH CIV)	0	0	0	0	0	0	0	0	
(Trainees)	0	0	0	0	0	0	0	0	

# = Students and trainees are included in installation total populations,  
i.e., PCS enlisted students are included in the total enlisted

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HQRPLANS

PROJECTED INSTALLATION POPULATIONS AFTER STATIONING  
FY 1994-2000

Database  
Ver 4.20

INST NAME	POPULATION#	1994	1995	1996	1997	1998	1999	2000
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population.

US CIV population includes all US Civil Service authorizations or their equivalent.

2A11-2

Close Ritches  
- Selected UICs  
require Barracks  
and Housing ONLY  
at Detroit (will  
work @ Site #

11/17/94  
HORPLANS

Database  
Ver 4.20

STATIONING SCENARIO

UNITS STATIONED:

ACTION	UNIT	UNIT DESCRIPTION	FROM INST	YEAR
Add	106502	DIA	RITCHIE	2000
Add	106503	JCC	RITCHIE	2000
Add	F2VF	AIR FORCE	RITCHIE	2000
Add	FH2B	AIR FORCE	RITCHIE	2000
Add	FJ4L	AIR FORCE	RITCHIE	2000
Add	FSM4	AIR FORCE	RITCHIE	2000
Add	FTH7	AIR FORCE	RITCHIE	2000
Add	FW1V	AIR FORCE	RITCHIE	2000
Add	FYVF	AIR FORCE	RITCHIE	2000
Add	M54008	US MARINE CORPS	RITCHIE	2000
Add	N42064	NAVY	RITCHIE	2000
Add	N64751	OP NAV SUPP	RITCHIE	2000
Add	W10Y01	ELEUSA-C&C TECH CEN	RITCHIE	2000
Add	W1861A	ELEUSA OJCS	RITCHIE	2000
Add	W35T-A	CTRUSAISC SITERTE	RITCHIE	2000

md

521

TARGET INSTALLATIONS:

INST NO	INSTALLATION NAME	MACOM	INSTALLATION TYPE
00000	Green Grass		

Stationing Scenario specifies  $39 + 459 = 498$  pn

∴ Adjustment Ratio =  $\frac{498}{521} = .96$

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 HQRPLANS

STATIONING PROFILE -- PERMANENT ASSETS ONLY  
 Green Grass -- 00000  
 FY 1994

Database  
 Ver 4.20

*Adjusted Allow*

FCG	DESCRIPTION	UM	BEFORE	PLANNED	BEFORE	BEFORE	BEFORE	BEFORE	NEW	TOTAL
			STATION	CONST	STATION	PERM	STATION	PERM		
FCG	DESCRIPTION	UM	PERM ASSETS (000)	PROJ (000)	ALLOW (000)	-ALLOW (000)	ALLOW (000)	NEW CONST (000)	CONST (\$000)	(\$000)
71100	FAMILY HOUSING SF		0	0	0	0	460	460	0	0
7110F	FAMILY HOUSING FA		0	0	0	0	339	339	0	44279
7110P	OFF POST HSG FA		0	0	0	0	0	0	0	0
72100	ENL UPH SF		0	0	0	0	79	79	0	0
7210P	ENL UPH (HQIFS) PN		0	0	0	0	206	206	0	11962
7210S	ENL UPH (PLNG) PN		0	0	0	0	206	206	0	11962
72114	EN BKS AT/MOB SF		0	0	0	0	0	0	0	0
7211P	EN BKS AT/MOB PN		0	0	0	0	0	0	0	0
72170	SR ENL QTRS SF		0	0	0	0	12	12	0	0
7217P	SR ENL QTRS PN		0	0	0	0	31	31	0	1800
72181	ENL BKS TRAINE SF		0	0	0	0	0	0	0	0
7218P	ENL BKS TRAINE PN		0	0	0	0	0	0	0	0
72400	OFF UPH SF		0	0	0	0	5	5	0	0
7240P	OFF UPH PN		0	0	0	0	6	6	0	550

*Housing only*

TOTALS w/ENL UPH (HQIFS)	58592	58592
TOTALS w/ENL UPH (HQIFS) w/o FH	14312	14312
TOTALS w/ENL UPH (PLNG)	58592	58592
TOTALS w/ENL UPH (PLNG) w/o FH	14312	14312

+ = HQRPLANS/RPLANS Allowances = Total Installation Assets.

Assets/allowances are rounded to the nearest thousand only where UM is AC, LF, SF, or SY. Actual assets/allowances are shown for all other UM.

New facility construction needed to satisfy stationing allowances is rounded to the nearest thousand only where UM is AC, LF, SF, or SY. Actual new facility construction needed is shown for all other UM.

Family housing assets data for available off-post assets was provided by ACSIM as of July 1994, is included in the data displayed under EEA 71F/FCG 7110F and is also displayed for information only under EEA 71P/FCG 7110P in this report. The planning UEPH capacity of permanent enlisted barracks was also provided by ACSIM as of July 1994 and is displayed under EEA 72S/FCG 7210S in this report.

11/17/94  
HQRPLANS

STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Green Grass -- 00000  
FY 1994

Database  
Ver 4.20

FCG	DESCRIPTION	UM	BEFORE STATION PLANNED		BEFORE STATION			BEFORE STATION		TOTAL
			PERM ASSETS (000)	CONST PROJ (000)	BEFORE STATION ALLOW (000)	PERM ASSETS -ALLOW (000)	STN ALLOW (000)	STN NEW CONST (000)	PERM ASSETS USED (000)	

BEFORE STATION ASSETS include leased family housing, available off-post family housing, commercial sources for utilities and planned construction projects from FY 92 through the FY two years prior to the stationing year. Only construction projects for FY 92-96 that have been reviewed and selected by ACSIM to represent new permanent facilities are included. Planned construction projects for FY 97 and later years are not included for stationing years 1998-2000. Planned construction projects included are also displayed in a separate column. Temporary airfield pavements and all other leased assets are excluded from consideration and are not used to satisfy unit allowances.

11/17/94  
HQRPLANS

STATIONING SCENARIO

Database  
Ver 4.20

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UNITS STATIONED:

ACTION	UNIT	UNIT DESCRIPTION	FROM INST	YEAR
Add	106502	DIA	RITCHIE	2000
Add	106503	JCC	RITCHIE	2000
Add	F2WF	AIR FORCE	RITCHIE	2000
Add	FH2B	AIR FORCE	RITCHIE	2000
Add	FJ4L	AIR FORCE	RITCHIE	2000
Add	FSM4	AIR FORCE	RITCHIE	2000
Add	FTH7	AIR FORCE	RITCHIE	2000
Add	FW1V	AIR FORCE	RITCHIE	2000
Add	FYVF	AIR FORCE	RITCHIE	2000
Add	M54008	US MARINE CORPS	RITCHIE	2000
Add	N42064	NAVY	RITCHIE	2000
Add	N64751	OP NAV SUPP	RITCHIE	2000
Add	W10Y01	ELEUSA-C&C TECH CEN	RITCHIE	2000
Add	W1B61A	ELEUSA DJCS	RITCHIE	2000
Add	W35T-A	CTRUSAISC SITE RTE	RITCHIE	2000

TARGET INSTALLATIONS:

INST NO	INSTALLATION NAME	MACOM	INSTALLATION TYPE
00000	Green Grass		

11/17/94  
HORPLANS

STATIONING POPULATION SUMMARY  
UNITS BASED IN 2000

Database  
Ver 4.20

UNIT	UNIT DESCRIPTION	FROM				TOTAL MIL	US CIV	OTHER CIV	TOTAL CIV	TOTAL POP
		INST	OFF	WOF	ENL					
106502	DIA	RITCH	1	0	3	4	0	0	0	4
106503	JCC	RITCH	4	0	35	39	3	0	3	42
F2VF	AIR FORCE	RITCH	9	0	6	15	6	0	6	21
FH2B	AIR FORCE	RITCH	2	0	4	6	0	0	0	6
FJ4L	AIR FORCE	RITCH	4	0	35	39	0	3	3	42
FSM4	AIR FORCE	RITCH	0	0	19	19	0	0	0	19
FTH7	AIR FORCE	RITCH	1	0	5	6	0	0	0	6
FW1V	AIR FORCE	RITCH	2	0	2	4	0	0	0	4
FYVF	AIR FORCE	RITCH	0	0	1	1	0	0	0	1
M54008	US MARINE CORPS	RITCH	0	0	1	1	0	0	0	1
M42064	NAVY	RITCH	0	0	13	13	0	0	0	13
M64751	OP NAV SUPP	RITCH	1	0	2	3	0	0	0	3
W10Y01	ELEUSA-C&C TECH CEN	RITCH	1	0	26	27	2	0	2	29
W1B6!A	ELEUSA OJCS	RITCH	7	0	23	30	0	0	0	30
W35T-A	CTRUSAISC SITE RTE	RITCH	5	2	307	314	54	0	54	368
			37	2	482	521	65	3	68	589

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 HQRPLANS

PROJECTED INSTALLATION POPULATIONS AFTER STATIONING  
 FY 1994-2000

Database  
 Ver 4.20

INST NAME	POPULATION#	1994	1995	1996	1997	1998	1999	2000
GREEN GRSS	Total OFF	0	0	0	0	0	0	37
	Total WOF	0	0	0	0	0	0	2
	Total ENL	0	0	0	0	0	0	482
	TOTAL MIL	0	0	0	0	0	0	521
	Total US CIV	0	0	0	0	0	0	65
	Total OTH CIV	0	0	0	0	0	0	3
	TOTAL CIV	0	0	0	0	0	0	68
	TOTAL POP	0	0	0	0	0	0	589
	(Students)							
	(PCS OFF)	0	0	0	0	0	0	0
	(PCS WOF)	0	0	0	0	0	0	0
	(PCS ENL)	0	0	0	0	0	0	0
	(PCS US CIV)	0	0	0	0	0	0	0
	(PCS OTH CIV)	0	0	0	0	0	0	0
	(TDY OFF)	0	0	0	0	0	0	0
	(TDY WOF)	0	0	0	0	0	0	0
	(TDY ENL)	0	0	0	0	0	0	0
	(TDY US CIV)	0	0	0	0	0	0	0
	(TDY OTH CIV)	0	0	0	0	0	0	0
	(Trainees)	0	0	0	0	0	0	0
RITCHIE	Total OFF	89	89	89	85	77	77	40
	Total WOF	6	6	6	6	6	6	4
	Total ENL	990	966	966	963	959	959	477
	TOTAL MIL	1085	1061	1061	1054	1042	1042	521
	Total US CIV	1190	1132	1110	1061	946	946	881
	Total OTH CIV	455	455	455	455	455	455	452
	TOTAL CIV	1645	1587	1565	1516	1401	1401	1333
	TOTAL POP	2730	2648	2626	2570	2443	2443	1854
	(Students)							
	(PCS OFF)	0	0	0	0	0	0	0
	(PCS WOF)	0	0	0	0	0	0	0
	(PCS ENL)	0	0	0	0	0	0	0
	(PCS US CIV)	0	0	0	0	0	0	0
	(PCS OTH CIV)	0	0	0	0	0	0	0
	(TDY OFF)	0	0	0	0	0	0	0
	(TDY WOF)	0	0	0	0	0	0	0
	(TDY ENL)	0	0	0	0	0	0	0
	(TDY US CIV)	0	0	0	0	0	0	0
	(TDY OTH CIV)	0	0	0	0	0	0	0
	(Trainees)	0	0	0	0	0	0	0

# = Students and trainees are included in installation total populations,  
 i.e., PCS enlisted students are included in the total enlisted

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PROJECTED INSTALLATION POPULATIONS AFTER STATIONING  
FY 1994-2000

Database  
Ver 4.20

INST NAME	POPULATION#	1994	1995	1996	1997	1998	1999	2000
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population.

US CIV population includes all US Civil Service authorizations or their equivalent.

CA11-2

Close Ritchie  
- Selected UICs to  
Detrick

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Database  
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STATIONING SCENARIO

UNITS STATIONED:

ACTION	UNIT	UNIT DESCRIPTION	FROM INST	YEAR
Add	@06502	CONTRACT SUPPORT	RITCHIE	2000
Add	W065AA	HQ GARRISON	RITCHIE	2000
Add	W285AA	U ISC FT RITCHES	RITCHIE	2000
Add	W2KR05	ACTUSA MED DEPT	RITCHIE	2000
Add	W35T-A	CTRUSAISC SITERTE	RITCHIE	2000
Add	W3HJAA	AGYUSACEEIA-CONUS	RITCHIE	2000
Add	W40U-A	CMDINF SYS TST ACT1	RITCHIE	2000
Add	W4PB06	ACTMGT ENG	RITCHIE	2000

mil      USCIV  
810      825

TARGET INSTALLATIONS:

INST NO	INSTALLATION NAME	MACOM	INSTALLATION TYPE
24225	Fort Detrick	MSC	RD&E

Stationing scenario specifies moving population: 104 mil  
260 civ.

mil adjustment ratio =  $104/810 = .13$   
 Total adj. ratio =  $\frac{(104+260)}{(810+825)} = .22$

104 → work + QTR's only

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STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Detrick -- 24225  
FY 2000

Database  
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FCG	DESCRIPTION	UM	BEFORE STATION PLANNED		BEFORE STATION			BEFORE STATION		NEW CONST (\$000)	TOTAL (\$000)
			PERM ASSETS (000)	CONST PROJ (000)	BEFORE STATION ALLOW (000)	PERM ASSETS -ALLOW (000)	STN ALLOW (000)	STN NEW CONST (000)	PERM ASSETS USED (000)		
11110	FW RUNWAYS	SY	0	0	0	0	0	0	0	0	0
11120	RW RUNWAYS	SY	0	0	0	0	0	0	0	0	0
11210	STD TWY	SY	0	0	0	0	0	0	0	0	0
11310	AC PA FW	SY	0	0	0	0	0	0	0	0	0
11320	AC PA RW	SY	1	0	0	1	0	0	0	0	0
11330	AC MAINT APRON	SY	0	0	0	0	0	0	0	0	0
11340	HGR ACCESS APR	SY	0	0	0	0	0	0	0	0	0
11350	AC RIMY HLD AP	SY	0	0	0	0	0	0	0	0	0
11370	A/C WASH APRON	SY	0	0	0	0	0	0	0	0	0
11380	AC LOADING APR	SY	0	0	0	0	0	0	0	0	0
11610	COMP SWING BAS	SY	0	0	0	0	0	0	0	0	0
14110	AF OPS BLDG	SF	0	0	0	0	0	0	0	0	0
14112	AV UNIT OPS BL	SF	0	0	0	0	0	0	0	0	0
14182	BDE HQ BLDG	SF	0	0	20	-20	0	0	0	0	0
14183	BN HQ BLDG	SF	0	0	0	0	11	11	0	1731	1731
14185	CO HQ BLDG	SF	2	0	0	2	7	5	2	818	818
+14310	MISC SHIP OPS	SF	0	0	0	0	0	0	0	0	0
+15110	PIERS/WHARFS	FB	0	0	0	0	0	0	0	0	0
+15310	CARGO STG AREA	SY	0	0	0	0	0	0	0	0	0
+17112	FLGT SIM BLDG	SF	0	0	0	0	0	0	0	0	0
17115	BAND TRAIN FAC	SF	0	0	0	0	0	0	0	0	0
17120	GEN INST BLDGS	SF	0	0	0	0	0	0	0	0	0
17121	INDOOR FIRE R6	SF	0	0	5	-5	1	1	0	145	145
17130	APPL INST BLDG	SF	1	0	0	1	0	0	0	0	0
+17140	AR CENTER	SF	16	0	16	0	0	0	0	0	0
+17142	MG CENTER	SF	0	0	0	0	0	0	0	0	0
17160	TASC	SF	2	0	16	-14	2	2	0	241	241
+17182	TRGT MOV SIM B	SF	0	0	0	0	0	0	0	0	0
17901	BSC 25M FIRE R	EA	0	0	.01	-.01	0	0	0	0	0
17902	FLD FIRING R6	EA	0	0	.01	-.01	0	0	0	0	0
17903	RECORD FIRE R6	EA	0	0	.01	-.01	0	0	0	0	0
+17904	NIGHT FIRE R6	EA	0	0	0	0	0	0	0	0	0
+17906	KNOWN DIST R6	EA	0	0	0	0	0	0	0	0	0
17907	SNIPER TRNG FL	EA	0	0	0	0	0	0	0	0	0
+17908	TGT DETECT R6	EA	0	0	0	0	0	0	0	0	0
17909	MACHGUN 10M R6	EA	0	0	0	0	0	0	0	0	0
17910	MACHGUN TRAN R	EA	0	0	0	0	0	0	0	0	0
17912	APC FIRING R6	EA	0	0	0	0	0	0	0	0	0
+17913	HD GR FAMILIAR	EA	0	0	0	0	0	0	0	0	0
+17916	HD GR CONFIDEM	EA	0	0	0	0	0	0	0	0	0
17917	GR LAUNCHER R6	EA	0	0	.02	-.02	0	0	0	0	0

*Adjusted Sta Allow*

*Garrison UIC generates their requirements.  
Scenario stations only 6 mil out of 262 in the UIC. New facilities not needed*

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STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Detrick -- 24225  
FY 2000

Database  
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FCG	FCG DESCRIPTION	UM	BEFORE	BEFORE	BEFORE	BEFORE	BEFORE	BEFORE	NEW CONST (\$000)	TOTAL (\$000)
			STATION PERM ASSETS (000)	STATION CONST PROJ (000)	STATION PERM ASSETS (000)	STATION PERM -ALLOW (000)	STATION STN ALLOW (000)	STATION STN NEW CONST (000)		
+17918	RECOIL RIFLE R EA		0	0	0	0	0	0	0	0
+17919	LT ANTIAR WP R EA		0	0	0	0	0	0	0	0
+17920	ANTIAR TRACK R EA		0	0	0	0	0	0	0	0
+17921	DEMO BT + LM R EA		0	0	0	0	0	0	0	0
+17922	FLAS + FLMTH R EA		0	0	0	0	0	0	0	0
17923	MOUT CFT RG EA		0	0	0	0	0	0	0	0
+17924	MORT SCAL TR R EA		0	0	0	0	0	0	0	0
+17925	MORTAR RANGE R EA		0	0	0	0	0	0	0	0
+17926	INF SQD BTL CR EA		0	0	0	0	0	0	0	0
+17927	INF PLT BLT CR EA		0	0	0	0	0	0	0	0
17928	COMBT PISTOL R EA		0	0	0	0	0	0	0	0
17930	TK GUN 1:300:60 EA		0	0	0	0	0	0	0	0
17931	TK GUN 1:50:1 EA		0	0	0	0	0	0	0	0
17932	TK GUN STATNRY EA		0	0	0	0	0	0	0	0
17933	TK CRV CBT FIR EA		0	0	0	0	0	0	0	0
+17935	CHBAT ENG RANG EA		0	0	0	0	0	0	0	0
+17936	GUNSHIP HARM R EA		0	0	0	0	0	0	0	0
17937	AERIAL GUNRY R EA		0	0	0	0	0	0	0	0
+17938	FLD ART SCAL R EA		0	0	0	0	0	0	0	0
17942	FLD ART INDR R EA		0	0	0	0	0	0	0	0
17943	AIRDEF FIRE RG EA		0	0	0	0	0	0	0	0
+17944	PLTDEF AFST AI EA		0	0	0	0	0	0	0	0
+17947	BAYNET ASSAUL EA		0	0	0	0	0	0	0	0
+17967	INFILTRATION C EA		0	0	0	0	0	0	0	0
17986	MANUEVER AREA AC		0	0	0	0	0	0	0	0
21110	MNT HANGAR AVU SF		0	0	0	0	0	0	0	0
21111	MNT HANGAR AVI SF		0	0	0	0	0	0	0	0
+21120	MISC ACFT MAIN SF		0	0	0	0	0	0	0	0
+21210	GM MAINT BLDG SF		0	0	0	0	0	0	0	0
+21320	MARINE RAILWAY LF		0	0	0	0	0	0	0	0
+21407	NG MAINT FAC SF		0	0	0	0	0	0	0	0
+21409	AR MAINT FAC SF		0	0	0	0	0	0	0	0
21410	VEH MNT SH DRG SF		4	0	0	4	0	0	0	0
21420	VEH MNT SH DS SF		0	0	0	0	0	0	0	0
+21435	VEH REBUILD FA SF		0	0	0	0	0	0	0	0
21456	WASH FAC CENT EA		0	0	1	-1	1	1	6943	6943
+21510	GUN/WPN REPAIR SF		0	0	0	0	0	0	0	0
+21610	AMMO MAINT FAC SF		0	0	0	0	0	0	0	0
21800	SP PURP MNT SH SF		0	0	28	-28	18	4	2503	2503
+21810	PAR/ABN EQP RE SF		0	0	0	0	0	0	0	0
+21830	MISC MAINT BLD SF		0	0	0	0	0	0	0	0
21900	MNT INST ODR SF		14	0	20	-6	3	3	469	469

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STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Detrick -- 24225  
FY 2000

Database  
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FCG	FCG DESCRIPTION	AM	BEFORE STATION PLANNED		BEFORE STATION			BEFORE STATION		TOTAL	
			PERM ASSETS (000)	CONST PROJ (000)	BEFORE STATION ALLOW (000)	PERM ASSETS -ALLOW (000)	STN ALLOW (000)	STN NEW CONST (000)	PERM ASSETS USED (000)		NEW CONST (\$000)
+22110	AC PROD BLDG SF		0	0	0	0	0	0	0	0	
+22210	GM PROD BLDG SF		0	0	0	0	0	0	0	0	
+22310	SHIP PROD BLDG SF		0	0	0	0	0	0	0	0	
+22410	TANK/AUTO PROD SF		0	0	0	0	0	0	0	0	
+22510	WEAPON PROD BL SF		0	0	0	0	0	0	0	0	
+22610	EXPLOSIVE PROD SF		0	0	0	0	0	0	0	0	
+22710	COMMO PROD BLD SF		0	0	0	0	0	0	0	0	
+22810	LTHR & TEX PLN SF		0	0	0	0	0	0	0	0	
+22820	CONST EQP PLAN SF		0	0	0	0	0	0	0	0	
+22830	RR EQP PLANT SF		0	0	0	0	0	0	0	0	
+22840	PRINT PLANT SF		1	0	1	0	0	0	0	0	
+22890	MISC PROD BLDG SF		0	0	0	0	0	0	0	0	
+22910	PROD MNT REP O EA		0	0	0	0	0	0	0	0	
+31010	RDT&E LABS SF		468	0	483	-14	0	0	0	0	
+31110	AC RDT&E SF		0	0	0	0	0	0	0	0	
+31210	MSL SPACE RDT& SF		0	0	0	0	0	0	0	0	
+31310	MAR RDT&E SF		0	0	0	0	0	0	0	0	
+31410	TANK/AUTO RDT& SF		0	0	0	0	0	0	0	0	
+31510	WEAPON RDT&E SF		0	0	0	0	0	0	0	0	
+31610	EXPLOSIVE RDT& SF		0	0	0	0	0	0	0	0	
+31710	ELEC RDT&E SF		0	0	0	0	0	0	0	0	
+31810	PROP RDT&E SF		0	0	0	0	0	0	0	0	
+31910	NON-METAL RDT& SF		0	0	0	0	0	0	0	0	
+32010	UND-WAT EQU RD SF		0	0	0	0	0	0	0	0	
+32110	TECH SERVICE SF		0	0	0	0	0	0	0	0	
+37110	RDT&E RANGE FA EA		0	0	0	0	0	0	0	0	
+39010	OTHER RDT&E FA EA		1	0	1	0	0	0	0	0	
41100	LIQ FUEL STOR BL		0	0	3469	-3469	1567	1567	0	68	68
+42100	AMMO STOR-DEP SF		0	0	0	0	0	0	0	0	0
+2200	AMMO STOR-INST SF		0	0	0	0	0	0	0	0	0
43200	COLD STOR-INST SF		0	0	0	0	0	0	0	63	63
+44100	GEN P WH-DEP SF		0	0	0	0	0	0	0	0	0
44200	GEN P WH-INST SF		62	0	130	-69	59	59	0	4924	4924
44230	CONT HUM WH SF		0	0	7	-7	3	3	0	258	258
44240	INFL MATLS WH SF		1	0	7	-6	3	3	0	422	422
44260	VEH STOR SHED SF		1	0	0	1	0	0	0	0	0
45200	VEH HARDSTAND SY		0	0	4	-4	0	0	0	0	0
51010	HOSPITAL SF		0	0	12	-12	12	12	0	2704	2704
+53040	VET FACILITY SF		0	0	1	-1	0	0	0	0	0
54010	DENTAL CLINIC SF		0	0	11	-11	0	0	0	98	98
55010	HEALTH CLINIC SF		5	0	6	0	1	1	0	176	176
61050	GEN PURP ADMIN SF		161	0	226	-64	171	171	0	24225	24225

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Fort Detrick -- 24225  
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Database  
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90% AF-1 is  
354 → 50612

Ad Allow

+ Rent to  
house from  
HCS working  
@ St R

FCG	DESCRIPTION	UM	BEFORE STATION PERM ASSETS (000)	PLANNED CONST PROJ (000)	BEFORE STATION ALLOW (000)	BEFORE STATION PERM ASSETS -ALLOW (000)	STN ALLOW (000)	BEFORE STATION PERM ASSETS NEW CONST (000)	NEW ASSETS (000)	TOTAL (\$000)	AD Allow	TOT Rent	Job Cost	low Cost	Const	
71100	FAMILY HOUSING	SF	756	0	744	13	706	694	13	0						
7110F	FAMILY HOUSING	FA	534	0	551	-17	523	523	0	74839	74839	+325	393	0	393	5625
7110P	OFF POST HSG	FA	379	0	0	379	0	0	0	0						
72100	ENL UPH	SF	75	0	94	-18	128	128	0	0						
7210P	ENL UPH (HQIFS)	PN	329	0	241	88	328	240	88	15268	15268					
7210S	ENL UPH (PLNG)	PN	270	0	241	29	328	299	29	19021	19021	+198	241	29	212	13486
72114	EN BKS AT/MOB	SF	0	0	0	0	0	0	0	0						
7211P	EN BKS AT/MOB	PN	0	0	0	0	0	0	0	0						
72170	SR ENL QTRS	SF	0	0	21	-21	19	19	0	0						
7217P	SR ENL QTRS	PN	0	0	54	-54	48	48	0	3054	3054					
72181	ENL BKS TRAINE	SF	0	0	0	0	0	0	0	0						
7218P	ENL BKS TRAINE	PN	0	0	0	0	0	0	0	0						
72200	UPH DINE FAC	SF	5	0	2	3	3	0	3	92	92					
72400	OFF UPH	SF	0	0	38	-38	6	6	0	0						
7240P	OFF UPH	PN	0	0	56	-56	8	8	0	804	804					
+73010	FIRE STATION	SF	5	0	5	0	0	0	0	0						
+73015	CONFINEMENT	FA	0	0	0	0	0	0	0	0						
73020	CHAPEL CTR	FAC	10	0	13	-3	9	9	0	1656	1656					
+73028	DRUG ABUSE CTR	SF	1	0	4	-3	0	0	0	0						
+73030	LNDRY/DRYCL	FA	0	0	0	0	0	0	0	0						
+73048	DEPN GR SCH	SF	0	0	0	0	0	0	0	0						
+73049	DEPN HIGH SCH	SF	0	0	0	0	0	0	0	0						
+73073	POST OFFICE	SF	0	0	0	0	0	0	0	0						
74006	BANK	SF	0	0	4	-4	1	1	0	140	140					
74010	AUDTM GEN PURP	SF	0	0	8	-8	3	3	0	535	535					
74011	BOWLING CTR	SF	0	0	7	-7	3	3	0	620	620					
74014	CHILD SPT CTR	SF	10	0	26	-16	11	11	0	1959	1959	534				
74021	COMMISSARY	SF	21	0	28	-7	3	3	0	446	446					
74022	SKILL DEV CTR	SF	0	0	9	-9	1	1	0	173	173					
74024	SKILL CTR AUTO	SF	6	0	5	0	1	0	0	41	41					
74025	ACES FACILITY	SF	0	0	12	-12	1	1	0	140	140					
74028	PHYS FIT CTR	SF	3	0	15	-11	7	7	0	1198	1198	342				
74032	TRANS HSG FAC	SF	0	0	3	-3	0	0	0	52	52					
74033	COMMUNITY CTR	SF	0	0	5	-5	1	1	0	74	74					
74041	LIBRARY CTR	SF	0	0	2	-2	3	3	0	414	414					
74046	OPEN DINING	FA	0	0	19	-19	9	9	0	1879	1879					
74052	EXCH SVC STA	SF	1	0	2	-2	1	1	0	172	172					
74053	EXCH MAIN RETL	SF	0	0	36	-36	5	5	0	630	630					
74064	REST/CAFE	SF	0	0	6	-6	1	1	0	269	269					
74066	YOUTH CENTER	SF	7	0	7	0	2	2	0	313	313					
74009	RECREATION BLD	SF	0	0	15	-15	R	R	0	1150	1150					
75010	TENNIS COURTS	EA	1	0	4	-3	0	0	0	0						

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Fort Detrick -- 24225  
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Database  
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FCG	FCG DESCRIPTION	UM	BEFORE	PLANNED	BEFORE	STATION	BEFORE	STATION	STN	BEFORE	STATION	TOTAL
			PERM ASSETS	CONST PROJ	STATION ASSETS	PERM ASSETS	STN NEW	PERM ASSETS	STN NEW	CONST	NEW	
			(000)	(000)	(000)	-ALLOW (000)	ALLOW (000)	CONST (000)	USED (000)	CONST (\$000)	NEW (\$000)	(\$000)
75011	MULTIPLE COURT	EA	3	0	3	0	0	0	0	0	0	0
+75012	BASKETBALL CT	EA	0	0	0	0	0	0	0	0	0	0
+75018	GEN PURP PLAYG	EA	1	0	1	0	0	0	0	0	0	0
75020	BASEBALL FIELD	EA	3	0	0	3	0	0	0	0	0	0
75021	SOFTBALL FIELD	EA	3	0	2	1	2	1	1	49	49	49
75022	FOOTBALL/SOCCE	EA	0	0	3	-3	1	1	0	196	196	196
+75027	RUNNING TRACK	EA	1	0	1	0	0	0	0	0	0	0
75030	OUTDOOR POOLS	EA	1	0	2	-1	0	0	0	0	0	0
+75040	GOLF CS 18H	EA	0	0	0	0	0	0	0	0	0	0
+75041	GOLF CS 9H	EA	0	0	0	0	0	0	0	0	0	0
+76010	MUSEUM	SF	0	0	0	0	0	0	0	0	0	0
+81100	ELEC PWR SOURC	KV	4791	0	4791	0	2436	2436	0	3023	3023	3023
+81121	MISC ELEC PWR	KV	47729	0	47729	0	0	0	0	0	0	0
+81200	ELEC PWR DIST	LF	473	0	473	0	188	188	0	2846	2846	2846
+81300	ELEC PWR SUBST	KV	35145	0	35145	0	2436	2436	0	369	369	369
+82100	HEAT SOURCE	MB	0	0	0	0	0	0	0	0	0	0
+82111	MISC HT PL	MB	0	0	0	0	0	0	0	0	0	0
+82200	HEAT DIST LM	LF	123	0	123	0	0	0	0	0	0	0
+83100	SEW/TRMT & DSP	KG	84000	0	84000	0	331	331	0	1254	1254	1254
+83120	MISC SEW TREAT	KG	166	0	166	0	0	0	0	0	0	0
+83200	WSTWTR COLL	SY	133	0	133	0	56	56	0	4077	4077	4077
+84100	W S TRMT	KG	1023	0	1023	0	487	487	0	1844	1844	1844
+84120	W S SFOR	KG	13	0	13	0	416	416	0	875	875	875
+84127	MISC WTR TREAT	KG	3	0	3	0	0	0	0	0	0	0
+84200	WATER DISTR	LF	188	0	188	0	75	75	0	3211	3211	3211
+85100	ROADS	SY	146	0	146	0	226	226	0	9675	9675	9675
+85120	VEHICLE BRIDGE	SY	0	0	0	0	0	0	0	0	0	0
85210	ORG VEH PARK	SY	3	0	346	-343	126	126	0	6521	6521	6521
85215	NONORG VEH PAR	SY	232	0	348	-116	90	90	0	3848	3848	3848
+86010	RAILROADS	MI	0	0	0	0	0	0	0	0	0	0

TOTALS w/ENL UPH (HQIFS) 189990 189990  
TOTALS w/ENL UPH (HQIFS) w/o FH 115150 115150

TOTALS w/ENL UPH (PLNG) 193743 193743  
TOTALS w/ENL UPH (PLNG) w/o FH 118904 118904

\* - HQRPLANS/RPLANS Allowances = Total Installation Assets.

Assets/allowances are rounded to the nearest thousand only where UM

11/17/94  
HQRPLANS

STATIONING PROFILE -- PERMANENT ASSETS ONLY  
Fort Detrick -- 24225  
FY 2000

Database  
Ver 4.20

FCG	DESCRIPTION	UM	BEFORE STATION PLANNED		BEFORE STATION			BEFORE STATION		TOTAL	
			PERM ASSETS	CONST PROJ	BEFORE STATION ALLOW	PERM ASSETS -ALLOW	STN ALLOW	STN NEW CONST	PERM ASSETS USED		NEW CONST
			(000)	(000)	(000)	(000)	(000)	(000)	(000)	(\$000)	(\$000)

is AC, LF, SF, or SY. Actual assets/allowances are shown for all other UM.

New facility construction needed to satisfy stationing allowances is rounded to the nearest thousand only where UM is AC, LF, SF, or SY. Actual new facility construction needed is shown for all other UM.

Family housing assets data for available off-post assets was provided by ACSIM as of July 1994, is included in the data displayed under EEA 71F/FCG 7110F and is also displayed for information only under EEA 71P/FCG 7110P in this report. The planning UEPH capacity of permanent enlisted barracks was also provided by ACSIM as of July 1994 and is displayed under EEA 72S/FCG 7210S in this report.

BEFORE STATION ASSETS include leased family housing, available off-post family housing, commercial sources for utilities and planned construction projects from FY 92 through the FY two years prior to the stationing year. Only construction projects for FY 92-96 that have been reviewed and selected by ACSIM to represent new permanent facilities are included. Planned construction projects for FY 97 and later years are not included for stationing years 1998-2000. Planned construction projects included are also displayed in a separate column. Temporary airfield pavements and all other leased assets are excluded from consideration and are not used to satisfy unit allowances.

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HQRPLANS

Database  
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STATIONING SCENARIO

-----  
UNITS STATIONED:

ACTION	UNIT	UNIT DESCRIPTION	FROM INST	YEAR
Add	006502	CONTRACT SUPPORT	RITCHIE	2000
Add	W065AA	HQ GARRISON	RITCHIE	2000
Add	W285AA	U ISC FT RITCHES	RITCHIE	2000
Add	W2KR05	ACTUSA MED DEPT	RITCHIE	2000
Add	W35T-A	CTRUSAISC SITERTE	RITCHIE	2000
Add	W3HJAA	AGYUSACEEIA-CONUS	RITCHIE	2000
Add	W40U-A	CHDINF SYS TST ACT1	RITCHIE	2000
Add	W4PB06	ACTMGT ENG	RITCHIE	2000

TARGET INSTALLATIONS:

INST NO	INSTALLATION NAME	MACOM	INSTALLATION TYPE
24225	Fort Detrick	HSC	RDT&E

11/17/94  
HQRPLANS

STATIONING POPULATION SUMMARY  
UNITS BASED IN 2000

Database  
Ver 4.20

UNIT	UNIT DESCRIPTION	FROM				TOTAL	US	OTHER	TOTAL	TOTAL
		INST	OFF	VOF	ENL	MIL	CIV	CIV	CIV	POP
#06502	CONTRACT SUPPORT	RITCH	0	0	0	0	0	105	105	105
W065AA	HQ GARRISON	RITCH	18	1	243	262	305	0	305	567
W285AA	U ISC FT RITCHES	RITCH	0	0	32	32	43	0	43	75
W2KR05	ACTUSA MED DEPT	RITCH	0	0	1	1	0	0	0	1
W35T-A	CTRUSAISC SITE RTE	RITCH	5	2	307	314	54	0	54	368
W3HJAA	AGYUSACEEIA-COMUS	RITCH	6	0	134	140	237	0	237	377
W40U-A	CHDINF SYS TST ACT1	RITCH	4	2	14	20	34	0	34	54
W4PB06	ACTMGT ENG	RITCH	6	1	34	41	152	0	152	193
			39	6	765	810	825	105	930	1740

11/17/94  
HORPLANS

PROJECTED INSTALLATION POPULATIONS AFTER STATIONING  
FY 1994-2000

Database  
Ver 4.20

INST NAME	POPULATION	1994	1995	1996	1997	1998	1999	2000
JETRICK	Total OFF	238	231	214	211	211	211	250
	Total WOF	6	9	8	8	8	8	14
	Total ENL	557	568	592	587	587	587	1352
	TOTAL MIL	801	808	814	806	806	806	1616
	Total US CIV	3042	3049	3005	2985	2968	2954	3779
	Total OTH CIV	96	96	96	94	94	94	199
	TOTAL CIV	3138	3145	3101	3079	3062	3048	3978
	TOTAL POP	3939	3953	3915	3885	3868	3854	5594

(Students)

(PCS OFF)	0	0	0	0	0	0	0	0
(PCS WOF)	0	0	0	0	0	0	0	0
(PCS ENL)	0	0	0	0	0	0	0	0
(PCS US CIV)	0	0	0	0	0	0	0	0
(PCS OTH CIV)	0	0	0	0	0	0	0	0
(TDY OFF)	1	3	3	3	3	3	3	3
(TDY WOF)	0	0	0	0	0	0	0	0
(TDY ENL)	0	0	0	0	0	0	0	0
(TDY US CIV)	0	0	0	0	0	0	0	0
(TDY OTH CIV)	0	0	0	0	0	0	0	0
(Trainees)	0	0	0	0	0	0	0	0

RITCHIE	Total OFF	89	89	89	85	77	77	38
	Total WOF	6	6	6	6	6	6	0
	Total ENL	990	966	966	963	959	959	194
	TOTAL MIL	1085	1061	1061	1054	1042	1042	232
	Total US CIV	1190	1132	1110	1061	946	946	121
	Total OTH CIV	455	455	455	455	455	455	350
	TOTAL CIV	1645	1587	1565	1516	1401	1401	471
	TOTAL POP	2730	2648	2626	2570	2443	2443	703

(Students)

(PCS OFF)	0	0	0	0	0	0	0	0
(PCS WOF)	0	0	0	0	0	0	0	0
(PCS ENL)	0	0	0	0	0	0	0	0
(PCS US CIV)	0	0	0	0	0	0	0	0
(PCS OTH CIV)	0	0	0	0	0	0	0	0
(TDY OFF)	0	0	0	0	0	0	0	0
(TDY WOF)	0	0	0	0	0	0	0	0
(TDY ENL)	0	0	0	0	0	0	0	0
(TDY US CIV)	0	0	0	0	0	0	0	0
(TDY OTH CIV)	0	0	0	0	0	0	0	0
(Trainees)	0	0	0	0	0	0	0	0

# = Students and trainees are included in installation total populations,  
i.e., PCS enlisted students are included in the total enlisted

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HQRPLANS

PROJECTED INSTALLATION POPULATIONS AFTER STATIONING  
FY 1994-2000

Database  
Ver 4.20

INST NAME	POPULATION#	1994	1995	1996	1997	1998	1999	2000
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population.

US CIV population includes all US Civil Service authorizations or their equivalent.



**THE ARMY BASING STUDY**

**BRAC 95  
ALTERNATIVE  
DOCUMENTATION  
SET**

**ALTERNATIVE NO.**  
CA11-2 Q

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**SECTION VI**

**IMPACTS:**

**ECONOMIC IMPACT ON COMMUNITIES  
COMMUNITY INFRASTRUCTURE  
ENVIRONMENTAL**

BRAC 95 SUMMARY OF ENVIRONMENTAL IMPACTS

MACOM MDW Mission Area Admin Support

Installation Fort Ritchie

I CONSIDERATIONS FOR REALIGNMENT

<u>Significant</u>	<u>Remarks</u>
None	
<u>Partial</u>	<u>Remarks</u>
No TES Bio Assessment/Opinion	No TES Biological Assessment.
<u>Possible</u>	<u>Remarks</u>
Non-attainment Area	Air conformity determination requirement may restrict new operations.

II CONSIDERATIONS FOR CLOSURE

<u>Significant</u>	<u>Remarks</u>
None	
<u>Partial</u>	<u>Remarks</u>
None	
<u>Possible</u>	<u>Remarks</u>
None	

III CONSIDERATIONS FOR DISPOSAL

<u>Significant</u>	<u>Remarks</u>
None	
<u>Partial</u>	<u>Remarks</u>
No Bio Assessment/Opinion	No TES Biological Assessment.
UXO Area	Firing ranges/impact areas may contain UXO, which may limit disposal.
<u>Possible</u>	<u>Remarks</u>
None	

IV COMPLIANCE COST ISSUES

None

V RESTORATION COST ISSUES

None

# ECONOMIC IMPACT DATABASE

Installation: **FORT RITCHIE**

State: **Maryland**

Service: **ARMY**

Report Note: **CA11-2K Q**

Comment: **CLOSE - RELOCATE TO DETRICK , HUACHUCA & BASE-X**

Previous BRAC Actions: Year: **N/A**

Action: **UNAFFECTED** MB: **0** Civ: **0** Contr: **0** Train: **0**

**BRAC95 Inputs:**

Current Base Pers.: H: **77** Enl: **934** Civ: **878** Contr: **455** Train: **0**

Action: **CLOSING**

	1994	1995	1996	1997	1998	1999	2000	2001
Military Pers. Relocated (OUT)	0	0	0	0	-112	-602	0	0
Military Pers. Disestablished (OUT)	0	0	0	9	-100	-188	0	0
Civilian Pers. Relocated (OUT)	0	0	0	0	-273	-334	0	0
Civilian Pers. Disestablished (OUT)	0	0	0	8	-92	-171	0	0
Contractor Personnel (OUT)	0	0	0	0	0	-455	0	0
Military Training Status (OUT)	0	0	0	0	0	0	0	0
Military Personnel (IN)	0	0	0	0	0	0	0	0
Civilian Personnel (IN)	0	0	0	0	0	0	0	0
Contractor Personnel (IN)	0	0	0	0	0	0	0	0
Military Training Status (IN)	0	0	0	0	0	0	0	0

## Economic Impact Data

**Activity: FORT RITCHIE**

**Economic Area: Hagerstown, MD PMSA**

**Impact of Proposed BRAC-95 Action at FORT RITCHIE:**

Total Population of Hagerstown, MD PMSA (1992):	125,500
Total Employment of Hagerstown, MD PMSA, BEA (1992):	67,031
Total Personal Income of Hagerstown, MD PMSA (1992 actual):	\$2,113,808,000
BRAC 95 Total Direct and Indirect Job Change:	(3,210)
BRAC 95 Potential Total Job Change Over Closure Period (% of 1992 Total Employment)	(4.8%)

		1994	1995	1996	1997	1998	1999	2000	2001	Total	
Relocated Jobs:	MIL	0	0	0	0	(112)	(602)	0	0	(714)	
	CIV	0	0	0	0	(273)	(334)	0	0	(607)	
Other Jobs:	MIL	0	0	0	(9)	(100)	(188)	0	0	(297)	
	CIV	0	0	0	(8)	(92)	(626)	0	0	(726)	
<b>BRAC 95 Direct Job Change Summary at FORT RITCHIE:</b>											
	MIL	0	0	0	(9)	(212)	(790)	0	0	(1,011)	
	CIV	0	0	0	(8)	(365)	(960)	0	0	(1,333)	
	TOT	0	0	0	(17)	(577)	(1,750)	0	0	(2,344)	
										Indirect Job Change:	(866)
										Total Direct and Indirect Job Change:	(3,210)

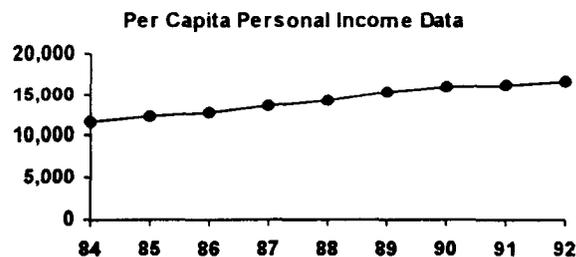
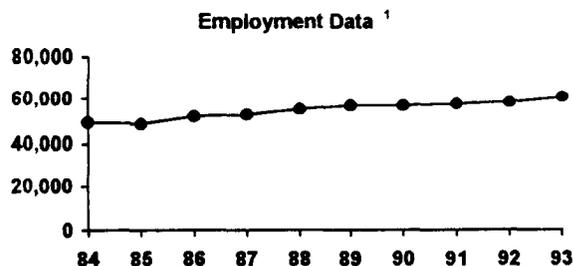
**Other Pending BRAC Actions at FORT RITCHIE (Previous Rounds):**

	1994	1995	1996	1997	1998	1999	2000	2001	Total
MIL	0	0	0	0	0	0	0	0	0
CIV	0	0	0	0	0	0	0	0	0

**Hagerstown, MD PMSA Profile:**

Civilian Employment, BLS (1993): 60,708

Average Per Capita Income (1992): \$16,846



**Annualized Change in Civilian Employment (1984-1993)**

**Annualized Change in Per Capita Personal Income (1984-1992)**

Employment: 1,325  
 Percentage: 2.5%  
 U.S. Average Change: 1.5%

Dollars: \$660  
 Percentage: 4.8%  
 U.S. Average Change: 5.3%

**Unemployment Rates for Hagerstown, MD PMSA and the US (1984 - 1993):**

	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Local	9.3%	7.7%	6.9%	6.3%	6.4%	5.3%	6.7%	8.3%	8.9%	8.2%
U.S.	7.5%	7.2%	7.0%	6.2%	5.5%	5.3%	5.5%	6.7%	7.4%	6.8%

1 Note: Bureau of Labor Statistics employment data for 1993, which has been adjusted to incorporate revised methodologies and 1993 Bureau of the Census metropolitan area definitions are not fully compatible with 1984 - 1992 data.

**Economic Impact Data****Activity: FORT RITCHIE****Economic Area: Hagerstown, MD PMSA****Cumulative BRAC Impacts Affecting Hagerstown, MD PMSA:**

<b>Cumulative Total Direct and Indirect Job Change:</b>	<b>(3,210)</b>
<b>Potential Cumulative Total Job Change Over Closure Period (% of 1992 Total Employ</b>	<b>(4.8%)</b>

		1994	1995	1996	1997	1998	1999	2000	2001	Total	
<b>Other Proposed BRAC 95 Direct Job Changes in Economic Area (Excluding FORT RITCHIE)</b>											
Army:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
Navy:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
Air Force:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
Other:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
<b>Other Pending Prior BRAC Direct Job Changes in Economic Area (Excluding FORT RITCHIE)</b>											
Army:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
Navy:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
Air Force:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
Other:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	0	0	0	0	0	
<b>Cumulative Direct Job Change in Hagerstown, MD PMSA Statistical Area (Including FORT RITCHIE)</b>											
	MIL	0	0	0	(9)	(212)	(790)	0	0	(1,011)	
	CIV	0	0	0	(8)	(365)	(960)	0	0	(1,333)	
	TOT	0	0	0	(17)	(577)	(1,750)	0	0	(2,344)	
										<b>Cumulative Indirect Job Change:</b>	<b>(866)</b>
<b>Cumulative Total Direct and Indirect Job Change:</b>										<b>(3,210)</b>	

## ECONOMIC IMPACT DATABASE

Installation: <b>FORT DETRICK</b>	
State: <b>Maryland</b>	Service: <b>ARMY</b>
Report Name: <b>CA11-2K/CO4-1</b>	Comment: <b>RECEIVING FROM RITCHIE/BRAC-91 REDIRECT TO APG</b>
Previous BRAC Action: <b>UNIMPACTED</b>	Year: <b>N/A</b>
Action: <b>UNIMPACTED</b>	MB: <b>-9</b> Civ: <b>-30</b> Contr: <b>0</b> Train: <b>0</b>

BRAC95 Input:

Current Base Pers: **M: 219** **E: 592** **Civ: 3006** **Contr: 0** **Train: 3**

Action: <b>REDIRECTING</b>	1994	1995	1996	1997	1998	1999	2000	2001
Military Pers. Relocated (OUT)	0	0	0	0	0	0	0	0
Military Pers. Disestablished (OUT)	0	0	0	0	0	0	0	0
Civilian Pers. Relocated (OUT)	0	0	-9	0	0	0	0	0
Civilian Pers. Disestablished (OUT)	0	0	0	0	0	0	0	0
Contractor Personnel (OUT)	0	0	0	0	0	0	0	0
Military Training Status (OUT)	0	0	0	0	0	0	0	0
Military Personnel (IN)	0	0	0	0	0	602	0	0
Civilian Personnel (IN)	0	0	0	0	0	334	0	0
Contractor Personnel (IN)	0	0	0	0	0	0	0	0
Military Training Status (IN)	0	0	0	0	0	0	0	0

## Economic Impact Data

**Activity: FORT DETRICK**

**Economic Area: Washington, DC-MD-VA-WV PMSA**

**Impact of Proposed BRAC-95 Action at FORT DETRICK:**

Total Population of Washington, DC-MD-VA-WV PMSA (1992):	4,360,300
Total Employment of Washington, DC-MD-VA-WV PMSA, BEA (1992):	2,948,259
Total Personal Income of Washington, DC-MD-VA-WV PMSA (1992 actual):	\$116,931,989,000
BRAC 95 Total Direct and Indirect Job Change:	1,432
BRAC 95 Potential Total Job Change Over Closure Period (% of 1992 Total Employment)	0.0%

		1994	1995	1996	1997	1998	1999	2000	2001	Total
Relocated Jobs:	MIL	0	0	0	0	0	602	0	0	602
	CIV	0	0	(9)	0	0	0	0	0	(9)
Other Jobs:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	334	0	0	334

**BRAC 95 Direct Job Change Summary at FORT DETRICK:**

MIL	0	0	0	0	0	602	0	0	602
CIV	0	0	(9)	0	0	334	0	0	325
TOT	0	0	(9)	0	0	936	0	0	927

Indirect Job Change: 505  
 Total Direct and Indirect Job Change: 1,432

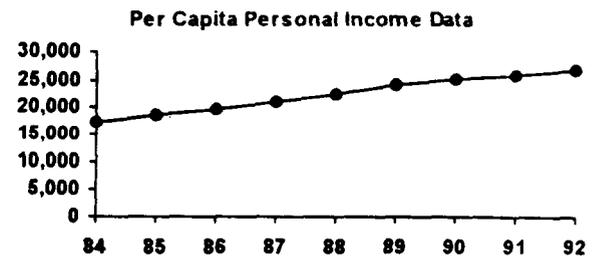
**Other Pending BRAC Actions at FORT DETRICK (Previous Rounds):**

MIL	0	0	(9)	0	0	0	0	0	(9)
CIV	0	0	(30)	0	0	0	0	0	(30)

**Washington, DC-MD-VA-WV PMSA Profile:**

Civilian Employment, BLS (1993): 2,434,076

Average Per Capita Income (1992): \$26,817



**Annualized Change in Civilian Employment (1984-1993)**

**Annualized Change in Per Capita Personal Income (1984-1992)**

Employment: 52,735  
 Percentage: 2.5%  
 U.S. Average Change: 1.5%

Dollars: \$1,184  
 Percentage: 5.6%  
 U.S. Average Change: 5.3%

**Unemployment Rates for Washington, DC-MD-VA-WV PMSA and the US (1984 - 1993):**

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Local	4.3%	4.0%	3.5%	3.2%	3.0%	2.8%	3.5%	4.7%	5.2%	4.5%
U.S.	7.5%	7.2%	7.0%	6.2%	5.5%	5.3%	5.5%	6.7%	7.4%	6.8%

1 Note: Bureau of Labor Statistics employment data for 1993, which has been adjusted to incorporate revised methodologies and 1993 Bureau of the Census metropolitan area definitions are not fully compatible with 1984 - 1992 data.

## Economic Impact Data

**Activity: FORT DETRICK**

**Economic Area: Washington, DC-MD-VA-WV PMSA**

**Cumulative BRAC Impacts Affecting Washington, DC-MD-VA-WV PMSA:**

<b>Cumulative Total Direct and Indirect Job Change:</b>	<b>(11,978)</b>
<b>Potential Cumulative Total Job Change Over Closure Period (% of 1992 Total Employ</b>	<b>(0.4%)</b>

		1994	1995	1996	1997	1998	1999	2000	2001	Total
<b>Other Proposed BRAC 95 Direct Job Changes in Economic Area (Excluding FORT DETRICK)</b>										
Army:	MIL	0	0	0	0	257	166	0	0	423
	CIV	0	0	0	0	1,304	0	0	0	1,304
Navy:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Other Pending Prior BRAC Direct Job Changes in Economic Area (Excluding FORT DETRICK)</b>										
Army:	MIL	42	(123)	(244)	(87)	0	0	0	0	(412)
	CIV	59	(275)	(559)	(430)	(158)	0	0	0	(1,363)
Navy:	MIL	40	(54)	(582)	(845)	(1,027)	0	0	0	(2,468)
	CIV	(27)	(468)	212	(4,510)	(1,288)	0	0	0	(6,081)
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Cumulative Direct Job Change in Washington, DC-MD-VA-WV PMSA Statistical Area (Including FORT DETRICK)</b>										
	MIL	82	(177)	(835)	(932)	(770)	768	0	0	(1,864)
	CIV	32	(743)	(386)	(4,940)	(142)	334	0	0	(5,845)
	TOT	114	(920)	(1,221)	(5,872)	(912)	1,102	0	0	(7,709)
<b>Cumulative Indirect Job Change:</b>										<b>(4,269)</b>
<b>Cumulative Total Direct and Indirect Job Change:</b>										<b>(11,978)</b>

## ECONOMIC IMPACT DATABASE

Installation: **FORT HUACHUCA**  
 State: **Arizona** Service: **ARMY**  
 Report Note: **CA11-2K** Comment: **RECEIVING FROM RITCHIE**  
 Previous BRAC Actions: Years: **N/A**  
 Action: **REALIGNING** MB: **625** Civ: **128** Contr: **0** Train: **865**

**BRAC96 Inputs:**

Current Base Pers.: ff: **633** Enl: **4803** Civ: **3160** Contr: **0** Train: **2074**

Action: **REALIGNING**

	1994	1995	1996	1997	1998	1999	2000	2001
Military Pers. Relocated (OUT)	0	0	0	0	0	0	0	0
Military Pers. Disestablished (OUT)	0	0	0	0	0	0	0	0
Civilian Pers. Relocated (OUT)	0	0	0	0	0	0	0	0
Civilian Pers. Disestablished (OUT)	0	0	0	0	0	0	0	0
Contractor Personnel (OUT)	0	0	0	0	0	0	0	0
Military Training Status (OUT)	0	0	0	0	0	0	0	0
Military Personnel (IN)	0	0	0	0	108	0	0	0
Civilian Personnel (IN)	0	0	0	0	166	0	0	0
Contractor Personnel (IN)	0	0	0	0	0	0	0	0
Military Training Status (IN)	0	0	0	0	0	0	0	0



## Economic Impact Data

**Activity: FORT HUACHUCA**  
**Economic Area: Cochise County, AZ**

**Impact of Proposed BRAC-95 Action at FORT HUACHUCA:**

<b>Total Population of Cochise County, AZ (1992):</b>	<b>101,400</b>
<b>Total Employment of Cochise County, AZ, BEA (1992):</b>	<b>41,327</b>
<b>Total Personal Income of Cochise County, AZ (1992 actual):</b>	<b>\$1,436,554,000</b>
<b>BRAC 95 Total Direct and Indirect Job Change:</b>	<b>377</b>
<b>BRAC 95 Potential Total Job Change Over Closure Period (% of 1992 Total Employment)</b>	<b>0.9%</b>

		<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>Total</u>	
Relocated Jobs:	MIL	0	0	0	0	108	0	0	0	108	
	CIV	0	0	0	0	0	0	0	0	0	
Other Jobs:	MIL	0	0	0	0	0	0	0	0	0	
	CIV	0	0	0	0	166	0	0	0	166	
<b>BRAC 95 Direct Job Change Summary at FORT HUACHUCA:</b>											
	MIL	0	0	0	0	108	0	0	0	108	
	CIV	0	0	0	0	166	0	0	0	166	
	TOT	0	0	0	0	274	0	0	0	274	
										Indirect Job Change:	103
										<b>Total Direct and Indirect Job Change:</b>	<b>377</b>

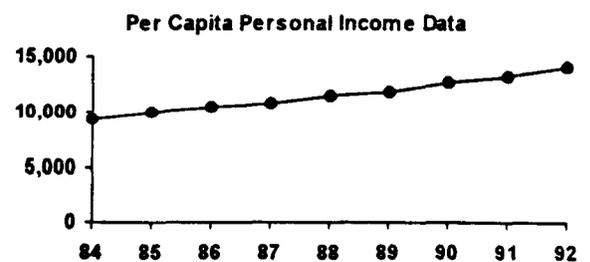
**Other Pending BRAC Actions at FORT HUACHUCA (Previous Rounds):**

MIL	865	625	0	0	0	0	0	0	0	1,490
CIV	0	128	0	0	0	0	0	0	0	128

**Cochise County, AZ Profile:**

Civilian Employment, BLS (1993): 35,280

Average Per Capita Income (1992): \$14,172



**Annualized Change in Civilian Employment (1984-1993)**

**Annualized Change in Per Capita Personal Income (1984-1992)**

Employment:	501	Dollars:	\$596
Percentage:	1.6%	Percentage:	5.3%
U.S. Average Change:	1.5%	U.S. Average Change:	5.3%

**Unemployment Rates for Cochise County, AZ and the US (1984 - 1993):**

	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
Local	6.4%	8.0%	8.6%	8.7%	8.6%	6.3%	6.6%	7.1%	9.0%	9.0%
U.S.	7.5%	7.2%	7.0%	6.2%	5.5%	5.3%	5.5%	6.7%	7.4%	6.8%

<sup>1</sup> Note: Bureau of Labor Statistics employment data for 1993, which has been adjusted to incorporate revised methodologies and 1993 Bureau of the Census metropolitan area definitions are not fully compatible with 1984 - 1992 data.

## Economic Impact Data

Activity: **FORT HUACHUCA**

Economic Area: **Cochise County, AZ**

**Cumulative BRAC Impacts Affecting Cochise County, AZ:**

<b>Cumulative Total Direct and Indirect Job Change:</b>	<b>2,344</b>
<b>Potential Cumulative Total Job Change Over Closure Period (% of 1992 Total Employ)</b>	<b>5.7%</b>

		1994	1995	1996	1997	1998	1999	2000	2001	Total
<b>Other Proposed BRAC 95 Direct Job Changes in Economic Area (Excluding FORT HUACHUCA)</b>										
Army:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Navy:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Other Pending Prior BRAC Direct Job Changes in Economic Area (Excluding FORT HUACHUCA)</b>										
Army:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Navy:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Air Force:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
Other:	MIL	0	0	0	0	0	0	0	0	0
	CIV	0	0	0	0	0	0	0	0	0
<b>Cumulative Direct Job Change in Cochise County, AZ Statistical Area (Including FORT HUACHUCA)</b>										
	MIL	865	625	0	0	108	0	0	0	1,598
	CIV	0	128	0	0	166	0	0	0	294
	TOT	865	753	0	0	274	0	0	0	1,892
<b>Cumulative Indirect Job Change:</b>										<b>452</b>
<b>Cumulative Total Direct and Indirect Job Change:</b>										<b>2,344</b>

# BRAC 95 ENVIRONMENTAL AVOIDANCES

## COMPLIANCE COST AVOIDANCES

<u>NO.</u>	<u>TAB NO.</u>	<u>RECOMMENDATION</u>	<u>COMPLIANCE COST AVOIDANCE (000)</u>
1	A-1	BAYONNE	0.0
2	A-2	C. KELLY SPT CTR	0.0
3	A-3	C. M. PRICE	113.5
4	A-4	DETROIT ARSENAL	5.0
5	A-5	DUGWAY PG	0.0
6	A-6	FAMC	478.0
7	A-7	BUCHANAN	0.0
8	A-8	CHAFFEE	789.0
9	A-9	DIX	0.0
10	A-10	GREELY	0.0
11	A-11	HAMILTON	0.0
12	A-12	HUNTER LIGGETT	0.0
13	A-13	INDIANTOWN GAP	260.0
14	A-14	McCLELLAN	679.0
15	A-15	PICKETT	0.0
16	A-16	RITCHIE	330.0
17	A-17	TOTTEN	0.0
18	A-18	LETTERKENNY	2538.5
19	A-19	RED RIVER	0.0
20	A-20	SAVANNA	100.0
21	A-21	SENECA	1101.0
22	A-22	SIERRA	0.0
23	A-23	STRATFORD AEP	760.0
24	A-24	SELFRIDGE	56.0
			=====
			7220.0

SCREEN 5 OF COBRA IN BEGINING THE FY AFTER BASE CLOSES  
MISC RECURRING SAVINGS



THE ARMY BASING STUDY

**BRAC 95  
ALTERNATIVE  
DOCUMENTATION  
SET**

**ALTERNATIVE NO.**  
CA11-2 Q

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**SECTION VII**

**ANALYSTS NOTES**



DEPARTMENT OF THE ARMY  
UNITED STATES ARMY INFORMATION SYSTEMS COMMAND  
FORT HUACHUCA, ARIZONA 85613-5000



REPLY TO  
ATTENTION OF

ASCS (5-10c)

NOV 08 1994

MEMORANDUM FOR Director of Management, Headquarters, Department  
of the Army, ATTN: DACS-TAB, Washington, DC  
20310-0200

SUBJECT: USAISC Proposed BRAC 95 Restationing Initiatives

1. Reference:

a. Memorandum, HQ, USAISC, ASCG, 16 Sep 94, subject:  
Restationing and Reorganization Initiatives.

b. Telephone conversation between LTC Bornhoft, your office,  
and Mr. G. R. King, this headquarters, 8 Nov 94.

2. The enclosure reflects the proposed distribution of USAISC  
organizational elements and spaces that are presently stationed  
at Fort Ritchie, MD, in the event that the Fort Ritchie  
installation is recommended for closure under BRAC 95.

3. The information contained in this report is accurate and  
complete to the best of my knowledge and belief.

4. USAISC point of contact in this matter is Mr. G. R. King,  
ASSD-SS, DSN 879-8916.

5. ISC - Voice of America's Army.

Encl  
Proposed Realignment of  
Fort Ritchie Based USAISC  
Activities

HARRY B. LOPER  
Colonel, GS  
Chief of Staff

CLOSE HOLD

# PROPOSED REALIGNMENT OF FORT RITCHIE BASED USAISC ACTIVITIES UNDER BRAC 95 (FY 96 AUTHORIZATIONS)

11-08-94 03:52PM FROM IMA FUTURE OFFICE

Organization <i>wk/LIVE</i>	<u>Ft Ritchie</u>					<u>Site R/Site C</u>					<u>Ft Detrick</u>					<u>Ft Huachuca</u>				
	Off	WO	Enl	Civ	Tot	Off	WO	Enl	Civ	Tot	Off	WO	Enl	Civ	Tot	Off	WO	Enl	Civ	Tot
<b>1108th Sig Bde (W4OU)</b>																				
Present <i>ri/ri</i>	5	1	14	65	85											<i>AS...?</i>				
Proposed <i>D/D</i>											5	1	14	65	85					
<b>1111th Sig Bn (W35T)</b>																				
Present <i>ri/ri</i>	0	0	31	2	33	5	2	284	63	354	<i>combining on ACTS of P...</i>					<i>...</i>				
Proposed *						5	2	284	63	354	0	0	31	2	33	<i>...</i>				
<b>Mgt Engr Act-ISC (W4PB)</b>																				
Present <i>ri/ri</i>	0	0	3	42	45															
Proposed											0	0	0	8	8	0	0	3	34	37
<b>USAISEC-CONUS (W3HJ)</b>																				
Present <i>ri/ri</i>	6	0	134	228	368											<i>Ad...</i>				
Proposed											1	0	44	105	150	5	0	90	123	218
<b>Man Spt Contractors **</b>																				
Present	0	0	0	0	100															
Proposed											0	0	0	0	62	0	0	0	0	38

\* Barracks will be located at Ft Detrick for single soldiers who work at Site R/Site C (Ft Ritchie)  
 \*\* Additionally, there are 51 mission contractor personnel at Ft Ritchie that support DISA.  
 NOTE: The 32 Enl and 33 Civ Spaces of ISC-Ft Ritchie (DOIM-(W285)) will be redistributed IAW the BOSSM or saved.

**CLOSE HOLD**



**DEPARTMENT OF THE ARMY**  
U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
WASHINGTON, DC 20319-5050



REPLY TO  
ATTENTION OF

ANEN-RO (5-10)

29 Nov 94

MEMORANDUM FOR Chief of Staff, Army, ATTN: DACS-TABS, 200 Army  
Pentagon, Washington, DC 20310-0200

SUBJECT: Data Clarification for Elements at Fort Ritchie

1. Reference:

a. Facsimile, DACS-TABS, 23 November 1994, SAB.

b. Telephone Conversation between LTC Bornhoft, your office,  
and Charlotte Rodriguez, this office, 28 November 1994, SAB.

2. As requested, we reviewed the scenario for Fort Ritchie. Enclosure 1 is the unusual costs that we have identified for relocations of activities from the installation. Enclosure 2 is a copy of the ASIP for Fort Ritchie with the latest data available. The information provided is accurate and complete to the best of our knowledge.

3. Point of contact is Charlotte Rodriguez, (202) 475-2061.

FOR THE COMMANDER:

GARY THOMAS  
Colonel, GS  
Deputy Chief of Staff for  
Engineering and Housing

Encls

Fort Ritchie Additional/Unusual Costs

48,445	-	Construction Costs (see attached sheet)
.930	-	TAO Equip/Ckts/Contractor <sup>1</sup>
4.000M	-	DISA West Hem (Ckts, Power, A/C, Computers) <sup>2</sup>
100K	R	Transportation Spt Cost (Bus Transport) <sup>3</sup>
1.500M	R	LAN <sup>4</sup>
4.999M	-	Dining Facility <sup>5</sup>
3.5 M	-	MP Admin <sup>5</sup>
3.5 M	-	Barracks MP <sup>5</sup>
.676K	R	Dining Contract <sup>6</sup>

\$66.6M

- 1 - ISC says \$0; Ft. Ritchie
- 2 - For existing DISA
- 3 - Recurring annual (Security Force)  
572 MP G
- 4 - Supports ALL tenants; need to check w/ ISC
- 5 - Far at capacity; cost to support MP
- 6 - Recurring costs  $3 \text{ meals} \times 60\% \times (120+150) \times \$8/\text{meal}$   
x 365 days

Mr. Charles Pearl PCSRM 2 Dec 94

Mrs. Shaffer

R/277-4373/8055

Full

CONSTRUCTION COSTS

<u>TENANT</u>	<u>SQ FT</u>	<u>\$/SF</u>	<u>COST</u>
DISA WESHMP	76,000	150	\$11,400,000
GARRISON RESIDUAL			
DPW	20,000	150	3,000,000
DOL	25,000	150	3,750,000
DOC	2,000	150	300,000
ISEC-CONUS	91,900	150	13,785,000
BARRACKS			
ISEC-CONUS	15,000	130	1,950,000
1111TH	31,378	130	4,079,140
SYSTEM MANAGEMENT BRANCH	12,000	150	1,800,000
INFO PROCESSING CENTER	1,260	150	189,000
1108TH SIGNAL BRIGADE	21,431	225	4,821,975
902ND MI	1,164	150	174,000
TECH APPLILCATIONS OFFICE	14,200	225	3,195,000
TOTAL SQ FT	311,333	TOTAL COST	\$48,445,000

# FOR OFFICIAL USE ONLY

SAMAS as of 16 MAY 94

## ACTIVE ARMY ASIP STATION REPORT : MDW CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT RITCHIE

in Code = 24745

Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr	Br	Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit			Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DODAAC	Compo			MDEP	CCNUM							

### TYPE UNIT: TOE UNITS

WCUVAA	00	0572	MP	CD	PHYSICAL	SCTY	19097H400100	J	OFF:	0						
CZ	33577						SMS	19940928	WOF:	0						
W23L13		1					WLEA		ENL:	0						
WN4UAA	00	0007	SC	CMD	THEATER	SIG	11602L000100	J	OFF:	0						
CZ	35001						SMS	19931118	WOF:	0						
W23SBH							W47C		ENL:	0						
<i>Deactivated FY93</i>																
TOTAL OFF:										0	0	0	0	0	0	0
TOTAL WOF:										0	0	0	0	0	0	0
TOTAL ENL:										0	0	0	0	0	0	0

### TOE UNITS

### TYPE UNIT: TDA AUG TO TOE UNIT

WN4U-9	00	0007			AUGSC	HHC	CMD		R	OFF:	-1	-1	-1	-1	-1	-1	-1
CZ	35001								SMSDA1	19931101	WOF:	0	0	0	0	0	0
W81FA5									GP3I	CZ0294	ENL:	0	0	0	0	0	0
<i>Deactivated FY93</i>										USC:	-21	-21	-21	-21	-21	-21	-21
TOTAL OFF:										-1	-1	-1	-1	-1	-1	-1	
TOTAL WOF:										0	0	0	0	0	0	0	
TOTAL ENL:										0	0	0	0	0	0	0	
TOTAL USC:										-21	-21	-21	-21	-21	-21	-21	

### TDA AUG TO TOE UNIT

### TYPE UNIT: TDA UNITS

W065AA	W065				HQ	GARRISON			R	OFF:	19	18	18	18	18	18	18		
HW	46551								SMS	19951001	WOF:	1	1	1	1	1	1		
W23P47		1							MXSH		ENL:	267	243	243	243	243	243		
										USC:	327	302	304	305	305	305	305		
W10Y01	W10Y				ELEUSA-C&C	TECH	CEN			OFF:	0	1	1	1	1	1	1		
DF	56711				W10Y	AN	MCC	COMP	OPS	TAD	WOF:	0	0	0	0	0	0		
										JDFC	ENL:	12	26	26	26	26	26	26	
										DF0195	USC:	0	2	2	2	2	2	2	
W1B61A	W1B6				ELEUSA	OJCS				OFF:	7	7	7	7	7	7	7		
DF	57951				JCS	SPT	ELEMENT	SITE	R	DAR	WOF:	0	0	0	0	0	0		
										JDFC	ENL:	23	23	23	23	23	23	23	
W285AA	W285				U	ISC	FT	RITCHES		M	OFF:	0	0	0	0	0	0		
CZ	46401									SMS	WOF:	0	0	0	0	0	0		
										MXEC	ENL:	3247	3247	3247	3247	3247	3247	3247	
											USC:	43	43	43	43	43	43	43	
W2KR1A	W2KR				ACTUSA	MED	DEPT			OFF:	0	0	0	0	0	0	0		
HS	46501				SPT	ELE	W2KR02	(FY94	AUGMENTAT	DAR	WOF:	0	0	0	0	0	0		
										VCND	ENL:	7	0	0	0	0	0	0	
W2KR02	W2KR				ACTUSA	MED	DEPT			OFF:	3	3	3	3	3	3	3		
HS	46501				W2KR	USA	HLTH	CLN	FT	RICHIE	WOF:	0	0	0	0	0	0		
										TAD	ENL:	5	7	7	7	7	7	7	
										VCND	HS0295	USC:	20	20	20	20	20	20	20
W2KR03	W2KR				ACTUSA	MED	DEPT			OFF:	3	3	3	3	3	3	3		
HS	46501				W2KR	USA	DEN	CLN	FT	RICHIE	WOF:	0	0	0	0	0	0		
										TAD	ENL:	6	6	6	6	6	6	6	
										VCND	HS0295	USC:	2	2	2	2	2	2	2

*Encl 2*

**FOR OFFICIAL USE ONLY**

SAMAS as of 16 MAY 94

**ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN**

Army Base = FORT RITCHIE  
M Code = 24745  
Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr Br	Parent Unit	SRC	ACTCO	FY						
Asgt TPSN	Derivative Unit		Source	EDATE	1994	1995	1996	1997	1998	1999	2000
D00AAC	Compo		MDEP	CCNUM							
W2KR05	W2KR	ACTUSA MED DEPT			OFF:	0	0	0	0	0	0
HS 46501	W2KR VET SEC FT RITCHIE		TAD		WOF:	0	0	0	0	0	0
	1		VCND	HS0295	ENL:	1	1	1	1	1	1
W35T-A	W35T	CTRUSAISC SITERTE		R	OFF:	5	5	5	5	5	5
CZ 56451			SMSTAD	19941101	WOF:	2	2	2	2	2	2
W23L2C	1		MXSH		ENL:	305	307	307	307	307	307
					USC:	61	54	54	54	54	54
W3HJAA	W3HJ	AGYUSACEEIA-CONUS		R	OFF:	6	6	6	6	6	6
CZ 56451			SMS	19951001	WOF:	0	0	0	0	0	0
W23L2G	1		MXEC		ENL:	134	134	134	134	134	134
					USC:	242	237	237	237	237	237
W3S2IA	W3S2	BN USAINSCOM MI			OFF:	0	0	0	0	0	0
AS 56084	RES OFC 902 MI FT RITCHIE		DAR		WOF:	0	0	0	0	0	0
	1		XTIS		ENL:	0	0	0	0	0	0
					USC:	3	3	3	3	3	3
W40U-A	W40U	CMDINF SYS TST ACT1		R	OFF:	4	4	4	4	4	4
CZ 36450			SMSTAD	19951001	WOF:	2	2	2	2	2	2
	1		MR1M		ENL:	14	14	14	14	14	14
					USC:	31	34	34	34	34	34
5904	W459	USA TMDE SPT GP REG 1			OFF:	0	0	0	0	0	0
46291	W459 TSC FT RITCHIE		TAD		WOF:	0	0	0	0	0	0
30FLY	1		AMTE	X10295	ENL:	3	3	3	3	3	3
					USC:	2	2	2	2	2	2
W49071	W490	CTRFAS INDIANAPOLIS		A	OFF:	0	0	0	0	0	0
DF 46421	W490 DAO FT RITCHIE		DAR	19931101	WOF:	0	0	0	0	0	0
	1		JDFC		ENL:	11	0	0	0	0	0
					USC:	56	44	44	44	44	44
W49C60	W49C	DEF MEGA CTR			OFF:	8	8	8	8	0	0
DF 46421	ARMY INFORMATION SERVICE CENTE		DAR		WOF:	0	0	0	0	0	0
	1		JDFC		ENL:	4	4	4	4	0	0
					USC:	115	115	115	115	0	0
W4PB06	W4PB	ACTMGT ENG			OFF:	6	6	6	6	6	6
CZ 46555	W4PB HQ USAISC SUPT ELE RITCHI		TAD		WOF:	1	1	1	1	1	1
	1		MXUS	CZ0294	ENL:	34	34	34	34	34	34
					USC:	152	152	152	152	152	152
W4PB09	W4PB	ACTMGT ENG			OFF:	0	0	0	0	0	0
CZ 46555	USAISC - MEA - ISCCO		DAR		WOF:	0	0	0	0	0	0
	1		MXUS		ENL:	0	0	0	0	0	0
					USC:	53	39	15	0	0	0
TOTAL OFF:					61	61	61	61	53	53	53
TOTAL WOF:					6	6	6	6	6	6	6
TOTAL ENL:					858	834	834	834	830	830	830
TOTAL USC:					1107	1049	1027	1013	898	898	898

**TDA UNITS**

**TYPE UNIT: OTHER TENANTS**

106501	DEFENSE INVEST SVC		DAI		OFF:	0	0	0	0	0	0
DF					WOF:	0	0	0	0	0	0
					ENL:	0	0	0	0	0	0
					USC:	9	9	9	9	9	9

**FOR OFFICIAL USE ONLY**

SAMAS as of 16 MAY 94

**ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN**

Army Base = **FORT RITCHIE**  
 Stn Code = **24745**  
 Station = **FT RITCHE, MD (FORT RITCHIE)**

JIC	Rgt/Unbr Br	Parent Unit	Derivative Unit	Compo	SRC Source MDEP	ACTCO EDATE CCNUM	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000
106502	DF		DIA		DAI	OFF: 1 WOF: 0 ENL: 3	1	1	1	1	1	1	1
106503	JA		JCC		DAI	OFF: 4 WOF: 0 ENL: 35 USC: 3	4	4	4	4	4	4	4
106504	DF		DEFENSE INFO SYSTEMS HQ DEFENSE INFO SERVICES ORG		DAI	J OFF: 4 WOF: 0 ENL: 3 USC: 35	4	4	4	0	0	0	0
106505	DF		DEFENSE INFO SYSTEMS SYS MGMT CTR COMP OPS SUPP		DAI	OFF: 1 WOF: 0 ENL: 0 USC: 12	1	1	1	1	1	1	1
006501	CU		CREDIT UNION LETTERKENNEY		DAI	OFF: 0 WOF: 0 ENL: 0 USC: 0 OTH: 7	0	0	0	0	0	0	0
040707	AX		AAFES MAIN STORE		DAI	OFF: 0 WOF: 0 ENL: 0 USC: 0 OTH: 47	0	0	0	0	0	0	0
041015	AX		AAFES FT RITCHE AMCSS		DAI	J OFF: 0 WOF: 0 ENL: 0	0	0	0	0	0	0	0
006501	CM		BASOPS CONTRACT		DAI	OFF: 0 WOF: 0 ENL: 0 USC: 0 OTH: 151	0	0	0	0	0	0	0
006502	CM		CONTRACT SUPPORT MISSION SP		DAI	OFF: 0 WOF: 0 ENL: 0 USC: 0 OTH: 105	0	0	0	0	0	0	0
CC1001	NF		NON-APPROPRIATED FUND FT RITCHE INSTL MWR FUND		DAI	OFF: 0 WOF: 0 ENL: 0 USC: 0 OTH: 121	0	0	0	0	0	0	0
CC2002	NF		NON-APPROPRIATED FUND FT RITCHE PCS RESTAURANT FND		DAI	J OFF: 0 WOF: 0 ENL: 0	0	0	0	0	0	0	0
CC3005	NF		NON-APPROPRIATED FUND FT RITCHE CIV WEL FUND		DAI	J OFF: 0 WOF: 0 ENL: 0	0	0	0	0	0	0	0

# FOR OFFICIAL USE ONLY

SAMAS as of 16 MAY 94

## ACTIVE ARMY ASIP STATION REPORT : MDW CLOSURE ACTION = BRAC 91 - GAIN

Army Base = FORT RITCHIE  
In Code = 24745  
Station = FT RITCHE, MD (FORT RITCHIE)

UIC	Rgt/Unbr Br Parent Unit	SRC	ACTCO	FY						
ASgt TPSN	Derivative Unit	Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DDAAC	Compo	MDEP	CCNUM							
CC4003	NON-APPROPRIATED FUND									
NF	FT RITCHIE CHAPLAINS FUND	DAI	J OFF:	0						
			WOF:	0						
			ENL:	0						
CCF004	NON-APPROPRIATED FUND									
NF	FT RICHIE BILLETING FUND	DAI	J OFF:	0						
			WOF:	0						
			ENL:	0						
DCNE19	DEFENSE COMSY AGENCY									
DF	FORT RITCHIE COMSY	DAI	OFF:	0	0	0	0	0	0	0
			WOF:	0	0	0	0	0	0	0
			ENL:	0	0	0	0	0	0	0
			USC:	37	37	37	37	37	37	37
			OTH:	6	6	6	6	6	6	6
F2NF	AIR FORCE									
AF	A F WMPR TEAM	DAI	OFF:	9	9	9	9	9	9	9
			WOF:	0	0	0	0	0	0	0
			ENL:	6	6	6	6	6	6	6
			USC:	6	6	6	6	6	6	6
FH2B	AIR FORCE									
AF	AF COMBAT OPS STAF	DAI	OFF:	2	2	2	2	2	2	2
			WOF:	0	0	0	0	0	0	0
			ENL:	4	4	4	4	4	4	4
FJ4L	AIR FORCE									
	AFELM STRATCOM JCC	DAI	OFF:	4	4	4	4	4	4	4
			WOF:	0	0	0	0	0	0	0
			ENL:	35	35	35	35	35	35	35
			USC:	0	0	0	0	0	0	0
			OTH:	3	3	3	3	3	3	3
FSN4	AIR FORCE									
AF	AFELM DISA/FLD AG	DAI	OFF:	0	0	0	0	0	0	0
			WOF:	0	0	0	0	0	0	0
			ENL:	19	19	19	19	19	19	19
FTH7	AIR FORCE									
AF	AFELM JT COS	DAI	OFF:	1	1	1	1	1	1	1
			WOF:	0	0	0	0	0	0	0
			ENL:	5	5	5	5	5	5	5
FW1V	AIR FORCE									
AF	AFELM DIA	DAI	OFF:	2	2	2	2	2	2	2
			WOF:	0	0	0	0	0	0	0
			ENL:	2	2	2	2	2	2	2
FYVF	AIR FORCE									
AF	AF COMBAT OPS STAF	DAI	OFF:	0	0	0	0	0	0	0
			WOF:	0	0	0	0	0	0	0
			ENL:	1	1	1	1	1	1	1
M54008	US MARINE CORPS									
MC	SPT ELE W10Y01	DAI	OFF:	0	0	0	0	0	0	0
			WOF:	0	0	0	0	0	0	0
			ENL:	1	1	1	1	1	1	1
N42064	NAVY									
NA	SPT W10Y01	DAI	OFF:	0	0	0	0	0	0	0
			WOF:	0	0	0	0	0	0	0
			ENL:	13	13	13	13	13	13	13
N64751	OP NAV SUPP									
NA		DAI	OFF:	1	1	1	1	1	1	1
			WOF:	0	0	0	0	0	0	0
			ENL:	2	2	2	2	2	2	2
W40UNA	W40U CMDINF SYS TST ACT1									
CZ 36450	NON-ADDITIVE AUTHORIZATIONS	TAD	OFF:	0	0	0	0	0	0	0
	1	MR1M	WOF:	0	0	0	0	0	0	0
		CZ0295	ENL:	3	3	3	3	3	3	3
			USC:	0	0	0	0	0	0	0
			OTH:	5	5	5	5	5	5	5

*OTH 10 10 10 10 10/0*

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SAMAS as of 16 MAY 94

**ACTIVE ARMY  
ASIP STATION REPORT : MDW  
CLOSURE ACTION = BRAC 91 - GAIN**

Army Base = **FORT RITCHIE**  
 M Code = **24745**  
 Station = **FT RITCHE, MD (FORT RITCHIE)**

UIC	Rgt/Unbr	Br Parent Unit	SRC	ACTCO	FY	FY	FY	FY	FY	FY	FY
Asgt TPSN	Derivative Unit		Source	EDATE	1994	1995	1996	1997	1998	1999	2000
DODAAC	Compo		MDEP	CCNUM							
W40UNN	COMD INF SYS NON-ADD		DAI	OFF:	0	0	0	0	0	0	0
CZ				WOF:	0	0	0	0	0	0	0
				ENL:	0	0	0	0	0	0	0
				USC:	2	2	2	2	2	2	2
<b>OTHER TENANTS</b>					TOTAL OFF:	29	29	29	25	25	25
					TOTAL WOF:	0	0	0	0	0	0
					TOTAL ENL:	132	132	132	129	129	129
					TOTAL USC:	104	104	104	69	69	69
					TOTAL OTH:	455	455	455	455	455	455
<b>INSTALLATION TOTALS</b>					TOTAL OFF:	89	89	89	85	77	77
					TOTAL WOF:	6	6	6	6	6	6
					TOTAL ENL:	990	966	966	963	959	959
					TOTAL MIL:	1085	1061	1061	1054	1042	1042
					TOTAL USC:	1190	1132	1110	1061	946	946
					TOTAL OTH:	455	455	455	455	455	455
					TOTAL CIV:	1645	1587	1565	1516	1401	1401
					TOTAL POP:	2730	2648	2626	2570	2443	2443

**Supported Population (All Services)**

Active: 1218  
 Dependents of Active: 4237  
 Reserve Component: 182  
 Dependents of Reserve Component: 310  
 Retiree: 3733  
 Dependents of Retiree + Survivors: 5271  
 -----  
 14951

Source: FY 1993 DEERS data from the Defense Medical Information System (DMIS)

FAX TRANSMITTAL

To: <i>MAJ Fletcher</i>	From: <i>Char Rodriguez</i>
Dept/Agency:	Phone #: <i>202 475-2061</i>
Fax #: <i>693-9322</i>	Fax #:

MDW FM 88. 1 APR 94



DEPARTMENT C  
U.S. ARMY MILITARY DIST  
WASHINGTON, D

REPLY TO  
ATTENTION OF

ANEN-RO (5-10c)

MEMORANDUM FOR Chief of Staff, Army, ATTN: DACS-TABS, 200 Army  
Pentagon, Washington, DC 20310-0200

SUBJECT: BRAC 95 Installation Assessment (IA) & Installation  
Environmental Baseline Survey (IEBS) Data Scrub

1. Reference Memorandum, DACS-TABS, dated 16 Aug 94, sab.
2. The table below provides the correct values for the installation data elements for our installations.

Installation	Contaminated Sites	H2O Potable Capacity	H2O Sewer Capacity	Landfill Costs
Ft Belvoir	0	4.4MGD ✓	3MGD ✓	\$123
Ft Meade	6	N/A	4.5MGD ✓	N/A
Ft Myer	1	N/A	N/A	N/A
Ft Ritchie	1	.524MGD ✓	.7MGD ✓	N/A
Ft McNair	1	N/A	N/A	N/A

3. Our point of contact is Charlotte Rodriguez, (202) 475-2061.

FOR THE COMMANDER:

GARY THOMAS  
Colonel, GS  
Deputy Chief of Staff  
for Engineering and Housing

*I updated in  
v-pro 2 sep*

*The remaining ones  
need to have clarification  
provided*

From the desk of ...  
Ms. Christel M. Hignett  
**The Army Basing Study Office**  
HQDA, OCSA, DACS-TAB

25 Aug 94

SUBJECT: Data Call #1 - Command & Control Installations

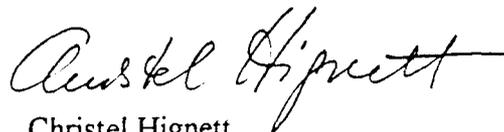
Charlotte;

Attached are the AAA results on Ft Belvoir, Ft Meade and Ft Ritchie.

The hand written columns that I inserted reflect the numbers you submitted to us for these attributes.

AAA suggested that we wait to change any data until the MACOM's provide the changes to us. I am still missing yours.

Please review these changes as soon as possible and provide your input to TABS.



Christel Hignett  
DACs-TABS

# DATA ATTRIBUTES REVIEWED

*Ritchie*

PPI  
BY  
MACOM

Data Attribute	Unit of Measure	Reported by Fort Ritchie	Verified by Army Audit Agency	Difference*
Accessibility	Miles			
Average Miles Fort Ritchie Garrison		56.5	56.5	0
Average Miles Garrison and Tenants		66	66	0
Average Age of Facilities	Average Age/ Square Foot	41.48	41.48	0
Barracks and Family Housing	Units	2,937	2,937	0
Buildable Acres	Acres	255	255	0
Environmental Carrying Capacity	Composite Index			
Archaeology and Historic Buildings		.49	.49	0
Endangered Species		0	0	0
Wetlands		.2	.2	0
Air Quality		150	150	0
Water Quality		30	45	(15)
Noise Quality		0	0	0
Contaminated Sites		0	0	0
Total Raw Score		180.7	195.7	(15)
Family Housing Cost a Dwelling Unit	Dollars	\$8,918.72	\$8,918.72	0
Information Mission Area	Various			
Telephone Switching		450	450	0
Outside Cable Plant		320	220	100
Common User Mainframe Support		335	405	(70)
Digital Switched Network/Defense Data Network Node		75	75	0
Post Wide Area/Local Area Network		45	75	(30)
Telecommunications Center		100	100	0
Video Teleconference		45	45	0
Total Score		1,370	1,370	0
Infrastructure				
Water	Million Gallons	.552	.522	.03
Sewage Treatment	Million Gallons	.5	.5	0
Electricity	Million Kilovolt Amps	5,000	5,000	0
Landfill	Dollars	65	65	0
Maintenance Facilities	Square Feet	55,396	55,396	0

57

2937

255

10280

0

.02

2

0

0

450

180

405

75

75

100

45

.52

.5

5000

65

32.9

\* These are explained in the body of the memorandum.

Data Attribute	Unit of Measure	Reported by Fort Ritchie	Verified by Army Audit Agency	Difference*
Mobilization Capability	Various			0
Mobilization Billets		2,577	2,660	(83)
Deployment Network		0	0	0
Ranges		2/8 Lanes	2/9 Lanes	(1)
Net Maneuver Acres		0	0	0
Contiguous Maneuver Acres		0	0	0
Workspace		5	5	0
Operations/Administrative Facilities	Square Feet	594,902	594,902	0
Percent Permanent Facilities	Percent	87	87	0
Reserve Training				
Annual Training	Personnel	65	0	65
Individual Duty Training	Days	2,340	1,342	998
Supply and Storage Facilities	Square Feet	95,945	95,945	0

Rifden

2577  
2  
0  
0  
232.3  
182.7  
81.1  
65  
2340

\* These are explained in the body of the memorandum.

U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
BRAC 95

CLOSE HOLD

FORT AP HILL	FORT MCNAIR	FORT MYER	FORT RITCHIE	FORT BELVOIR	FORT MEADE						
						MISSION REQ'S/OP READINESS					
						MANUEVER ACRES (000)	54.7	0	✓	0	✓
						RESERVE TRAINING					
						ANNUAL TRNG (# PEOPLE)	18,407	0	0	65	1,277
						INACTIVE DUTY TRNG (MANDAYS)	261,247	0	0	2,340	239,469
						IMPACT ACRES (000)	27.0				
						AF BOMBING CAPABLE	Y				
						ATK HELICOPTER CAPABLE	Y				
						TUBE ARTILLERY CAPABLE	Y				
						MIFS CAPABLE	Y				
						MECHANIZED MANUEVER ACRES (000)	54.7	0	✓	0	✓
						SPECIAL AIRSPACE					
						ACCESSIBILITY	N/A	3	✓	57	✓
						GENERAL INSTRUCTIONAL FAC SF (000)	N/A	452.4			

FOUO: Charlotte Rodriguez (202)475-2061/1823

U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
BRAC 95  
CLOSE HOLD

	FORT MEADE	FORT BELVOIR	FORT RITCHIE	FORT MYER	FORT MCNAIR	FORT AP HILL
APPLIED INSTRUCTION FAC SF (000)					0	N/A
IMA ✓	✓ 1345	✓ 1285	✓ 1330	465		
TELEPHONE SWITCHING X	25 20 500	20 500	18 450	0	0	16
OUTSIDE CABLE PLANT X20	220 11	260 13	180 9	80 4	4	9
COMMON USER SUPPORT X15	435 29	330 22	405 27	285 19	19	5
DSN/DDN X5	0 0	25 5	75 15	25 5	5	5
POST WIDE WAN/LAN X15	120 8	75 5	75 5	75 5	5	0
TCC X5	25 5	50 10	100 20	0 0	5	5
VIC X15	45 3	45 3	45 3	0 0	3	0
<b>LAND AND FACILITIES</b>	<b>FORT MEADE</b>	<b>FORT BELVOIR</b>	<b>FORT RITCHIE</b>	<b>FORT MYER</b>	<b>FORT MCNAIR</b>	<b>FORT AP HILL</b>
% PERMANENT FACILITIES	✓ 81.7	✓ 84	✓ 81.1	✓ 97.1	99.8	66.4
AVERAGE AGE OF FACILITIES	✓ 39	✓ 39	✓ 39.25	✓ 56.7	40.35	20.4
<b>INFRASTRUCTURE</b>						
WATER (MGD)	8.2	4.4	.52	.51	.45	4.2
SEWAGE (MGD)	4.5	1.8	.50	.47	.45	0.85

FX: Charlotte Rodriguez (202)475-2061/1823

U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
BRAC 95  
CLOSE HOLD

	FORT MEADE	FORT BELVOIR	FORT RITCHIE	FORT MYER	FORT MCNAIR	FORT AP HILL
ELECTRIC (KVA)	40,000	84,000	5,000	13,800	1,345	12,000
LANDFILL COSTS (\$/TON)	58	123	65	70	70	39
ENVIRONMENTAL CAPACITY						
ARCHAEOLOGY/HISTORICAL	.0025	.0175	.1028	0	.0102	.00007
ENDANGERED SPECIES	0	1	0	0	0	3
WETLANDS	.064	.0695	.0251	0	0	.0359
AIR QUALITY	10	10	10	10	10	1
WATER QUALITY	0	2	2	0	0	2
NOISE QUALITY						
ZONE II OFF POST	0	300	0	<i>study (being done now)</i> *	6	5
ZONE III OFF POST	0	0	0	*	0	0
CONTAMINATED SITES	6	0	0	<i>I authorized</i> 0	0	1
BARRACKS & FAMILY HOUSING (TOTAL AFH & BARRACKS)	✓ 8,258	✓ 5,176	✓ 2,937	✓ 6,123	1,727	---
FAMILY HOUSING	✓ 4,272	✓ 4,171	✓ 2,451	✓ 3,654	1,526	N/A
BARRACKS (Total)	✓ 3,986	✓ 1,005	✓ 486	✓ 2,468	201	48
UOPH	✓ 265	✓ 11	✓ 32	✓ 7	27	0

U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
BRAC 95  
CLOSE HOLD

	FORT MEADE	FORT BELVOIR	FORT RITCHIE	FORT MYER	FORT MCNAIR	FORT AP HILL
UEPH	✓ 3,721	✓ 994 <sup>1</sup>	✓ 454	✓ 2461	174	48
WORK SPACE GSF (000)	✓/ 949.3 <sup>2</sup>	✓ 1,766.6 <sup>3</sup>	✓ 232.3	✓ 192.3	188.2	59.0
SUPPLY AND STORAGE FAC GSF (000)	✓ 212.6 <sup>4</sup>	✓ 338.7 <sup>5</sup>	✓ 73.9	✓ 100.9 <sup>6</sup>	N/A	N/A
OPS/ADMIN FAC GSF (000)	✓ 915.7 <sup>7</sup>	✓ 1,464.0 <sup>8</sup>	✓ 182.7	✓ 161.5	N/A	N/A
MAINTENANCE FACILITIES GSF (000)	✓ 113.0	✓ 302.4	✓ 38.9	✓ 93.1 <sup>9</sup>	N/A	N/A
CONTINGENCY/MOB/FUTURE REQ	FORT MEADE	FORT BELVOIR	FORT RITCHIE	FORT MYER	FORT MCNAIR	FORT AP HILL
BUILDABLE ACRES	✓ 3,635	✓ 1,047	✓ 255	✓ 1	2	30,244
ENCROACHMENT	HQDA	HQDA	HQDA	HQDA	HQDA	HQDA
MOBILIZATION CAPABILITY						
MOBILIZATION BILLETS	525	1,974	2,577	0	0	16,877
DEPLOYMENT NETWORK						
DISTANCE TO RAIL (MILES)	✓ 5	✓ 1	✓ 2	✓ 12	15	5
DISTANCE TO AIRPORT (MILES)	✓ 12	✓ 13	✓ 40	✓ 8	11	51

EOC: Charlotte Rodriguez (202) 475-2061/1823

U.S. ARMY MILITARY DISTRICT OF WASHINGTON  
BRAC 95  
**CLOSE HOLD**

	FORT MEADE	FORT BELVOIR	FORT RITCHIE	FORT MYER	FORT MCNAIR	FORT AP HILL
DISTANCE TO SEAPORT (MILES)	✓ 18	✓ 65	✓ 73	✓ 45	42	125
DISTANCE TO HIGHWAY (MILES)	✓ 1	✓ 4	✓ 15	✓ 2	5	13
RANGES (TOTAL)	0 <sup>10</sup>	1	2	0	0	40
# MPRC RANGES	0	1	2	0	0	0
#RETS EQUIPPED FIRING PTS	0	0	0	0	0	16
#STANDARD MOUT RANGE	N	N	N	N	N	N
NET MANEUVER ACRES (000)	0	1.3	0	0	0	54.7
CONTIGUOUS MANEUVER	0	0	0	0	0	54.7
<b>COST AND MANPOWER</b>	<b>FORT MEADE</b>	<b>FORT BELVOIR</b>	<b>FORT RITCHIE</b>	<b>FORT MYER</b>	<b>FORT MCNAIR</b>	<b>FORT AP HILL</b>
COST OF LIVING INDEX ✓	HQDA	HQDA	HQDA	HQDA	HQDA	HQDA
VHA FACTOR ✓	HQDA	HQDA	HQDA	HQDA	HQDA	HQDA
HOUSING COST PER DU ✓	\$4,301	✓ \$6,732	✓ \$8,919	✓ \$19,576	\$20,047	N/A
LOCALITY PAY FACTOR ✓	HQDA	HQDA	HQDA	HQDA	HQDA	HQDA
MCA COST FACTOR	✓ 1.03	✓ 1.03	✓ .92	✓ 1.03	1.03	.8
BASOPS (\$000)	✓ 71,190	✓ 83,440	✓ 33,044	✓ 57,463 <sup>11</sup>	57,463 <sup>12</sup>	9,052.8

POC: Charlotte Rodriguez (202) 475-2061/1823

$\frac{32,877}{2165.34}$      
  $\frac{12,850}{6493.39}$      
  $\frac{2693}{12270.33}$      
 Ft Myer Share 24,258.0  
 - 3804  
 = 6376.98

# RECAP OF MIGRATION & ELIMINATION WITH RESULTING EXPECTED SAVINGS

Fort Ritchie (Baseline)

89	941	1027
----	-----	------

Fort Detrick

[REDACTED]	260
8	98
39	459
<u>47</u>	<u>557</u>
	74 - SITER
	<u>334</u>

Fort Huachuca

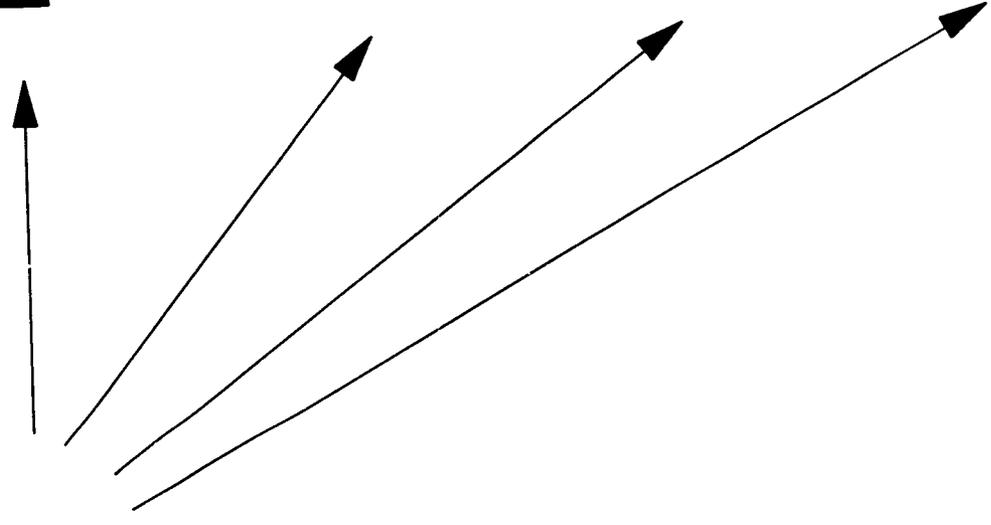
[REDACTED]	166
7	101

Base X

[REDACTED]	257
13	10

Eliminations

[REDACTED]	270
22	274



# COBRA MODEL STEADY STATE SAVINGS

MIL PAY 10

CIV PAY 12.4

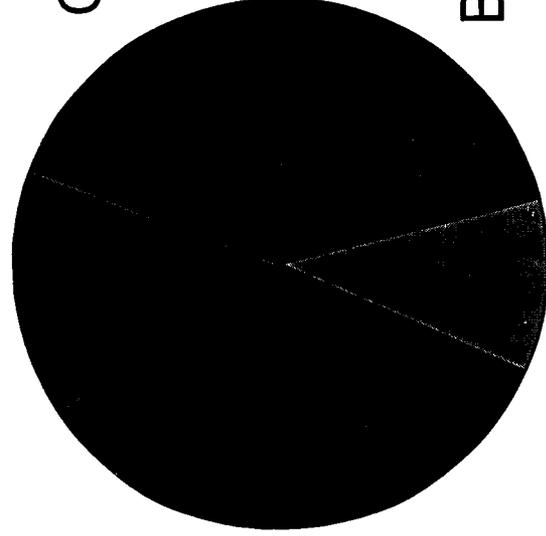
HOUSING 22

BOS 13.8

RPMA 6.9

\$ in M

Total Recurring Net Savings: \$65.1M



DRAFT

**Base Summary Sheet**

09-Mar-95

**INSTALLATION NAME:** FORT RITCHIE

**STATE:** MD

**INSTALLATION MISSION:** Provides base operations and real property maintenance for the garrison installation, the National Military Command Center Facility Site R, satellite activities, and other tenants (including Camp David).

**DoD RECOMMENDATION:** Close Fort Ritchie. Relocate the 111th Signal Battalion and 1108th Signal Brigade to Ft. Detrick, MD. Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ.

**JUSTIFICATION:** BASOPS for Defense Intelligence Agency and other National Military Command Center support elements will be transferred to nearby Fort Detrick, MD. Installation closure and activity transfer will : (a) maintain operational mission support to geographically unique Sites R and C (National Military Command Center) for the Joint Chiefs of Staff; (b) capitalize on existing facilities at Site R and C to minimize construction; (c) maintain an active use and continuous surveillance of Site R and Site C facilities to maintain readiness; (d) collocate signal units that were previously separated at two different garrisons; (e) consolidate major portion of Information Systems Engineering Command-CONUS with main headquarters of Information Systems Engineering Command to improve synergy of information system operations; and (f) provide a direct support East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Ft Ritchie's garrison and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation.

**ITEMS OF SPECIAL EMPHASIS:**

**TOTAL COST TO CLOSE/REALIGN:** \$92,824,000

**ANNUAL SAVINGS:** \$65,054,000

**BREAK EVEN YEAR:** 2000 (1 Year)

**MILITARY POSITIONS LOST:** 1,011

**CIVILIAN POSITIONS LOST:** 878

**ENVIRONMENTAL CONSIDERATIONS:** Sixteen acres are wetlands. Sixty-four buildings have been identified eligible or placed on the National Historic Register. A threatened or endangered species survey is currently underway. The installation is in a non-attainment region for ozone (moderate). One Defense Environmental Resoration Account eligible contamination site exists. There is one Nuclear Regulatory Commission license required for a Lead Detection Device.

**MILITARY ISSUES:**

**ECONOMIC IMPACT (DIRECT/INDIRECT/TOTAL):** 2,344 / 866 / 3,210 (-4.8%)

**DRAFT**

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**Base Summary Sheet**

09-Mar-95

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**CUMULATIVE ECONOMIC IMPACT:** - 4.8%

**COMMUNITY CONCERNS/ISSUES:** Congressional questions regarding coordination with and appropriate costing of Defense Information Systems Agency move, and consideration of water availability at Fort Huachuca, AZ (a gaining installation).

**GOVERNOR:** Parris Glendening

**SENATORS:** Paul S. Sarbanes  
Barbara A. Mikulski

**REPRESENTATIVE:** Roscoe G. Bartlett

**LOCAL OFFICIAL:**

DRAFT

Fort Ritchie, MD

06-Mar-95

**BRAC CATEGORY:** Command, Control & Admin

**RANK IN CATEGORY:** 7 of 15

**OTHER INSTALLATIONS IN BRAC CATEGORY:** Charles E. Kelly Support Facility, PA; Charles M. Price Support Center, IL; Fort Belvoir, VA; Fort Buchanan, PR; Fort Gillem, GA; Fort Hamilton, NY; Fort McPherson, GA; Fort Meade, MD; Fort Monroe, VA; Fort Myer, VA; Fort Shafter, HI; Fort Totten, NY; Presidio of San Francisco, CA; US Army Garrison, Selfridge, MI

**MAJOR COMMAND:** MDW

**INSTALLATION MISSION:** Provides base operations and real property maintenance for the garrison installation, the National Military Command Center Facility Site R, satellite activities, and other tenants (including Camp David).

**MAJOR UNITS ASSIGNED:** Headquarters, 7th Signal Command

**AUTHORIZED MILITARY:** ~~1,037~~ 1,030

**AUTHORIZED CIVILIAN:** ~~1,564~~ 1,527

**AVERAGE NUMBER OF STUDENTS:** 0

**FY 93 OPERATING COSTS:**

**TOTAL ACRES:** 638

**TOTAL BUILDABLE ACRES:** 255

**TOTAL BUILDING SQUARE FOOTAGE:** 1,335,000

**FAMILY HOUSING UNITS:** 2,451

**UNACCOMPANIED OFFICER HOUSING UNITS:** 31

**UNACCOMPANIED ENLISTED HOUSING SPACES:** 454

**VARIABLE HOUSING ALLOWANCE - OFFICER:** ~~\$38~~ 119

**VARIABLE HOUSING ALLOWANCE - ENLISTED:** ~~\$71~~ 32

**PER DIEM RATE:** ~~\$81~~ 65

**AREA COST FACTOR:** 0.92

**PLANT REPLACEMENT VALUE:** \$406,781,449 ~~281,770,200~~ 292,892,122

**HOSPITAL BEDS:**

**NEAREST CITY:** At Cascade; 30 miles north of Frederick

**ECONOMIC AREA:** Hagerstown, MD PMSA

**NATIONAL PRIORITY LIST SITE:** No

**Y 94-99 ENVIRONMENTAL COMPLIANCE COSTS:** 7,820,000

**ENVIRONMENTAL CONSIDERATIONS:** Sixteen acres are wetlands. Sixty-four buildings have been identified eligible or placed on the National Historic Register. A threatened or endangered species survey is currently underway. The installation is in a non-attainment region for ozone (moderate). One Defense Environmental Restoration Account eligible contamination site exists. There is one Nuclear Regulatory Commission license required for a Lead Detection Device.

DRAFT

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**Fort Ritchie, MD**

06-Mar-95

---

**GOVERNOR:** Parris Glendening

**SENATORS:** Paul S. Sarbanes  
Barbara A. Mikulski

**REPRESENTATIVE:** Roscoe G. Bartlett

DRAFT

24625 ✓

FORT RITCHIE

MD

Military District of Washington ✓

Provides base operations and real property maintenance for the garrison installation, the National Military Command Center Facility Site R, satellite activities, and other tenants (including Camp David).

Headquarters, 7th Signal Command ✓

1,030 -1,037

1,027 4,564

58,820

Hagerstown, MD PMSA ✓

At Cascade; 30 miles north of Frederick ✓

\$7,820,000 ✓

Sixteen acres are wetlands. Sixty-four buildings have been identified eligible or placed in the National Historic Register. A threatened or endangered species survey is currently underway. The installation is in a non-attainment region for ozone (moderate). One Defense Environmental

Control & Admin ✓

DRAFT

71,577,468

\$65,054,000.00 ✓

2000 (1 Year) ✓

2,344 / 866 / 3,210 (-4.8%) ✓

- 4.8% ✓

Installation supports National Military Command Facility and associated joint communications

878

1011

06

Parris Glendening

Paul S. Sarbanes  
Barbara A. Mikulski

Roscoe G. Bartlett

Charles E. Kelly Support Facility, PA; Charles M. Price Support Center, IL; Fort Belvoir, VA; Fort Buchanan, PR; Fort Gillem, GA; Fort Hamilton, NY; Fort McPherson, GA; Fort Meade, MD; Fort Monroe, VA; Fort Myer, VA; Fort Shafter, HI; Fort Totten, NY; Presidio of San Francisco, CA; US Army Garrison, Selfridge, MI

BASOPS for Defense Intelligence Agency and other National Military Command Center support elements will be transferred to nearby Fort Detrick, MD. Installation closure and activity transfer will : (a) maintain operational mission support to geographically unique Sites R and C (National Military Command Center) for the Joint Chiefs of Staff; (b) capitalize on existing facilities at Site R and C to minimize construction; (c) maintain an active use and continuous surveillance of Site R and Site C

Congressional questions regarding coordination with and appropriate costing of Defense Information Systems Agency move, and consideration of water availability at Fort Huachuca, AZ (a gaining installation).

GAINER

DRAFT

Army - Static Data

UIC 24225

INSTALLATION NAME FORT DETRICK --

INSTALLATION TYPE

STATE MD

MAJOR COMMAND HSC

RESOURCES

INSTALLATION MISSION

MAJOR UNITS ASSIGNED Headquarters, Medical Research and Development Command; 1110th Signal Battalion

AUTHORIZED MILITARY

AUTHORIZED CIVILIAN

AVERAGE NUMBER OF STUDENTS

FY 93 OPERATING COSTS

ECONOMIC AREA Washington, DC-MD-VA-WV PMSA

NEAREST CITY At Frederick

NATIONAL PRIORITY LIST SITE

FY 93 ENVIRONMENTAL COMPLIANCE COSTS

ENVIRONMENTAL CONSIDERATIONS

BRAC CATEGORY Commodity

TOTAL ACRES

TOTAL BUILDABLE ACRES 300

TOTAL BUILDING SQUARE FOOTAGE

OFFICE HOUSING UNITS 668

UNACCOMPANIED OFFICER HOUSING UNITS 0

UNACCOMPANIED ENLISTED HOUSING SPACES 270

VARIABLE HOUSING ALLOWANCE - OFFICER

VARIABLE HOUSING ALLOWANCE - ENLISTED

PER DIEM RATE

AREA COST FACTOR 0.94

PLANT REPLACEMENT VALUE \$371,302,104

HOSPITAL BEDS

REPORTING CATEGORY 6 of 12

DDP RECOMMENDATION

TOTAL COST TO CLOSE RELATION

DRAFT

CONSTRUCTION COSTS

[Redacted]

CONSTRUCTION COST VARIANCE

[Redacted]

ANNUAL SAVINGS

[Redacted]

BREAKEVEN YEAR

[Redacted]

ECONOMIC IMPACT OF INDUSTRY CLOSURE

[Redacted]

ESTIMATED ECONOMIC IMPACT

[Redacted]

INTERSECTORAL ISSUES

[Redacted]

CIVILIAN POSITIONS LOST

[Redacted]

MILITARY POSITIONS LOST

[Redacted]

CONGRESSIONAL DISTRICT

06

FEDERAL OFFICE

[Redacted]

JOINT BRANCH SERVICE GROUP

Laboratories

JOINT GROUP DEPOTS

[Redacted]

JOINT GROUP LABS

Laboratories

JOINT GROUP OPT

[Redacted]

JOINT GROUP OPT

[Redacted]

JOINT GROUP HOSPITALS

[Redacted]

IMPACT OF OPERATIONS BRAC

1988 DEFBRAC:  
Letterman Army Institute of Research realigned from Presidio of San Francisco, CA (Changed to be disestablished by 1991 Defense Base Closure Commission)

GOVERNOR

Parris Glendening

SENATORS

Paul S. Sarbanes  
Barbara A. Mikulski

REPRESENTATIVES

Roscoe G. Bartlett

CITIZENS EXPOSITIONS IN BRAC CATEGORY

Army Research Laboratory, MD; Cold Regions Research Laboratories, NH; Detroit Arsenal, MI; Fort Monmouth, NJ; Natick RDEC, MA; Picatinny Arsenal, NJ; Redstone Arsenal, AL; Rock Island Arsenal, IL

ITEMS OF SPECIAL INTEREST

[Redacted]

JUSTIFICATION

[Redacted]

MILITARY ISSUES

[Redacted]

COMMITTEE CONCERN ISSUES

[Redacted]

GAINER

DRAFT

Army - Static Data

UIC	04005
INSTALLATION NAME	FORT HUACHUCA
INSTALLATION TYPE	
STATE	AZ
MAJOR COMMAND	TRADOC
RESOURCES	
INSTALLATION MISSION	
MAJOR UNITS ASSIGNED	Army Intelligence Center and School; Headquarters, Army Informations Systems Command; Army Electronics Proving Ground; Information Systems Engineering Command; 11th Signal Brigade; Joint Interoperability Test Center
AUTHORIZED MILITARY	5,310
AUTHORIZED CIVILIAN	6,344
AVERAGE NUMBER OF STUDENTS	1,474
ESTIMATED OPERATING COSTS	
ECONOMIC AREA	Cochise County, AZ
NEAREST CITY	At Sierra Vista; 75 miles southeast of Tucson
NATIONAL PRIORITY LIST SITE	<input type="checkbox"/>
FY 93 ENVIRONMENTAL COMPLIANCE COSTS	
ENVIRONMENTAL CONSIDERATIONS	
BRAC CATEGORY	Training Schools
TOTAL ACRES	73,437
TOTAL BUILDABLE ACRES	2,015
TOTAL BUILDING SQUARE FOOTAGE	8,074,000
FAMILY HOUSING UNITS	4,006
UNACCOMPANIED OFFICER HOUSING UNITS	498
UNACCOMPANIED ENLISTED HOUSING SPACES	4,249
VARIABLE HOUSING ALLOWANCE - OFFICER	\$0
VARIABLE HOUSING ALLOWANCE - ENLISTED	\$27
PER DIEM RATE	\$74
AREA COST FACTOR	1.12
PLANT REPLACEMENT VALUE	\$1,206,894,161
HOSPITAL BEDS	
RANKING CATEGORY	13 of 13
DAIRY RECOMMENDATION	
TOTAL COST TO CLOSE/REALIGN	

DRAFT

[Redacted]

[Redacted]

[Redacted]

05

[Redacted]

Test & Evaluation; Hospitals

[Redacted]

[Redacted]

Test & Evaluation

[Redacted]

Hospitals

1988 DEFBRAC:  
Intelligence School detachment realigned from Fort Devens, MA; scheduled FY 93-95

Governor Fife Symington

Senators John McCain  
Jon Kyl

Representative Jim Kolbe

Fort Benning, GA; Fort Bliss, TX; Fort Eustis/Story, VA; Fort Gordon, GA; Fort Jackson, SC; Fort Knox, KY; Fort Lee, VA; Fort Leonard Wood, MO; Fort McClellan, AL; Fort Rucker, AL; Fort Sam Houston, TX; Fort Sill, OK; Fort Story, VA; Presidio of Monterey, CA

[Redacted]

JUSTIFICATION

MILITARY ISSUES

ADJUDICATED CONCERNS ISSUES

# 1995 DoD Recommendations and Justifications

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## Fort Ritchie, Maryland

**Recommendation:** Close Fort Ritchie. Relocate the 1111th Signal Battalion and 1108th Signal Brigade to Fort Detrick, MD. Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ.

**Justification:** This recommendation assumes that base support for Defense Intelligence Agency and other National Military Command Center support elements will be provided by nearby Fort Detrick. Closing Fort Ritchie and transferring support elements of the National Military Command Center to Fort Detrick will: (a) maintain operational mission support to geographically unique Sites R and C (National Military Command Center) for the Joint Chiefs of Staff; (b) capitalize on existing facilities at Site R and C to minimize construction; (c) maintain an active use and continuous surveillance of Site R and Site C facilities to maintain readiness; (d) collocate signal units that were previously separated at two different garrisons; (e) consolidate major portion of Information Systems Engineering Command-CONUS with main headquarters of Information Systems Engineering Command to improve synergy of information system operations; and (f) provide a direct support East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation.

**Return on Investment:** The total one-time cost to implement this recommendation is \$93 million. The net of all costs and savings during the implementation period is a savings of \$83 million. Annual recurring savings after implementation are \$65 million with a return on investment expected in one year. The net present value of the costs and savings over 20 years is a savings of \$712 million.

**Impacts:** Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 3,210 jobs (2,344 direct jobs and 866 indirect jobs) over the 1996-to-2001 period in the Hagerstown, MD Primary Metropolitan Statistical Area, which represents 4.8 percent of the area's employment. There are no known environmental impediments at the closing or receiving installations.

# INSTALLATION REVIEW

## FORT RITCHIE, MARYLAND

### 1. BACKGROUND

**Location:** Fort Ritchie is located in Washington County, Maryland, on the Maryland/Pennsylvania state line, 70 miles northwest of Washington, D.C. The installation is included in the Hagerstown, Maryland, Metropolitan Statistical Area (MSA). Surrounding counties are Frederick (Maryland), and Adams and Franklin (Pennsylvania).

**History:** In 1926, land was purchased by the State of Maryland to establish the garrison as a training area with the Maryland National Guard; the camp was named Camp Albert C. Ritchie. The first permanent buildings were constructed from natural stone found in the area. In June 1942, Camp Ritchie was activated as a War Department Military Intelligence Training Center. Additional temporary buildings were erected and 20,000 intelligence troops were housed and trained at Camp Ritchie over a four-year period. In 1945, the Camp was inactivated and reinstated as a National Guard training station. In October 1952, Fort Ritchie was reactivated by the Department of the Army to provide essential support for the contingency operations of the Joint Chiefs of Staff at Site R. Today, Garrison Fort Ritchie also provides support to DoD and United States Army administrative command and control missions.

**Current Mission:** Provide base operations and real property maintenance for the Garrison Fort Ritchie installation, the National Military Command Center Facility at Site R, satellite activities, and other tenants, including Camp David, which utilize installation facilities. Fort Ritchie provides the sole base operations, real property maintenance, and security support for the underground Joint Communications Center (AJCC) and the National Military Command Center (NMCC) at Site R in support of the Joint Staff and Continuity of Operations Plan. The installation serves as host to 33 tenant activities and provides support to two satellite activities and five U.S. Army Reserve Centers in Maryland and West Virginia. Fort Ritchie is the sponsoring federal agency facilitator supporting the city of Hagerstown, Maryland, Cooperative Administrative Support Unit (CASU), in executing the initiative.

### 2. ENVIRONMENTAL

Fort Ritchie consists of 638 acres, of which 16 acres are wetlands. Sixty-four stone buildings have been identified as eligible for or are listed on the National Register of Historic Places. A threatened or endangered (TES) survey is currently underway.

Potable water sources are from surface water (20%) and eight ground wells (80%). The surface water treatment plant usage is 0.1 million gallons per day (MGD) with a capacity of 0.3 MGD, and

## Fort Ritchie, MD

**1. Recommendation:** Close Fort Ritchie. Relocate the 1111th Signal Battalion and 1108th Signal Brigade to Fort Detrick, MD. Relocate Information Systems Engineering Command elements to Fort Huachuca, AZ.

**2. Justification:** This recommendation assumes that base support for Defense Intelligence Agency and other National Military Command Center support elements will be provided by nearby Fort Detrick. Closing Fort Ritchie and transferring support elements of the National Military Command Center to Fort Detrick will: (a) maintain operational mission support to geographically unique Sites R and C (National Military Command Center) for the Joint Chiefs of Staff; (b) capitalize on existing facilities at Site R and C to minimize construction; (c) maintain an active use and continuous surveillance of Site R and Site C facilities to maintain readiness; (d) collocate signal units that were previously separated at two different garrisons; (e) consolidate major portion of Information Systems Engineering Command-CONUS with main headquarters of Information Systems Engineering Command to improve synergy of information system operations; and (f) provide a direct support East Coast Information Systems Engineering Command field element to respond to regional requirements. These relocations, collocations and consolidations allow the elimination of Fort Ritchie's garrison and avoids significant costs associated with the continued operation and maintenance of support facilities at a small installation.

**3. Return on Investment:** The total one-time cost to implement this recommendation is \$93 million. The net of all costs and savings during the implementation period is a savings of \$83 million. Annual recurring savings after implementation are \$65 million with a return on investment expected in 1 year. The net present value of the costs and savings over 20 years is a savings of \$712 million.

**4. Impacts:** Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 3,210 jobs (2,344 direct jobs and 866 indirect jobs) over the 1996-to-2001 period in the Hagerstown, MD Primary Metropolitan Statistical Area, which represents 4.8 percent of the area's employment. There are no known environmental impediments at the closing or receiving installations.



CLOSEHOLD / SENSITIVE

**MILITARY VALUE ASSESSMENT**

FT BELVOIR  
FT McPHERSON  
FT MYER  
FT SHAFTER

FT MEADE  
FT MONROE  
FT RITCHIE  
FT GILLEM  
SELFRIDGE  
PRICE SPT CENTER  
FT BUCHANAN  
PSF  
KELLY SPT CENTER  
FT HAMILTON  
FT TOTTEN

**FT RITCHIE, MD**



FT DETRICK

NMCC SUPPORT  
1108 SIG BDE  
1111 SIG BN  
GARRISON (-)

FT RITCHIE

ISEC (-)

DISA (-)  
DFAS  
DECA  
DIS

BASE X

GARRISON (-)  
DOIM / ISC  
MEDICAL

FT HUACHUCA

COSTS (\$M)	
O&M	\$ 20
MILCON	\$ 72
OTHER	\$ 1
	<u>\$ 93</u>

PAYBACK PERIOD (YRs)	<u>1</u>
BREAK EVEN YEAR	<u>2000</u>
STEADY STATE (\$M)	<u>\$ 65</u>
(YR)	<u>2000</u>
20 YEAR NPV (\$M)	712

**CLOSE FT RITCHIE**

- Relocate Info Sys Eng Cmd to Ft Huachuca
- Relocate NMCCsupport to Ft Detrick
- Relocate Signal units to Ft Detrick

CLOSEHOLD / SENSITIVE

THE ARMY BASING STUDY



# **IMPACT SUMMARY FT RITCHIE, MD**

## **OPERATIONAL:**

- Supports National Military Command Ctr at Site R & C from Fort Detrick
- Consolidates ISC units (USA Info Sys Engr Cmd & USA Info Sys Mgt Act)
- Co-locates affiliated signal units (1108th Sig Bde & 1111th Sig Bn)
- No recommendations during previous BRAC rounds

## **PERSONNEL:**

	MILITARY	CIVILIAN
REDUCTIONS	297	271
REALIGNMENTS	714	607

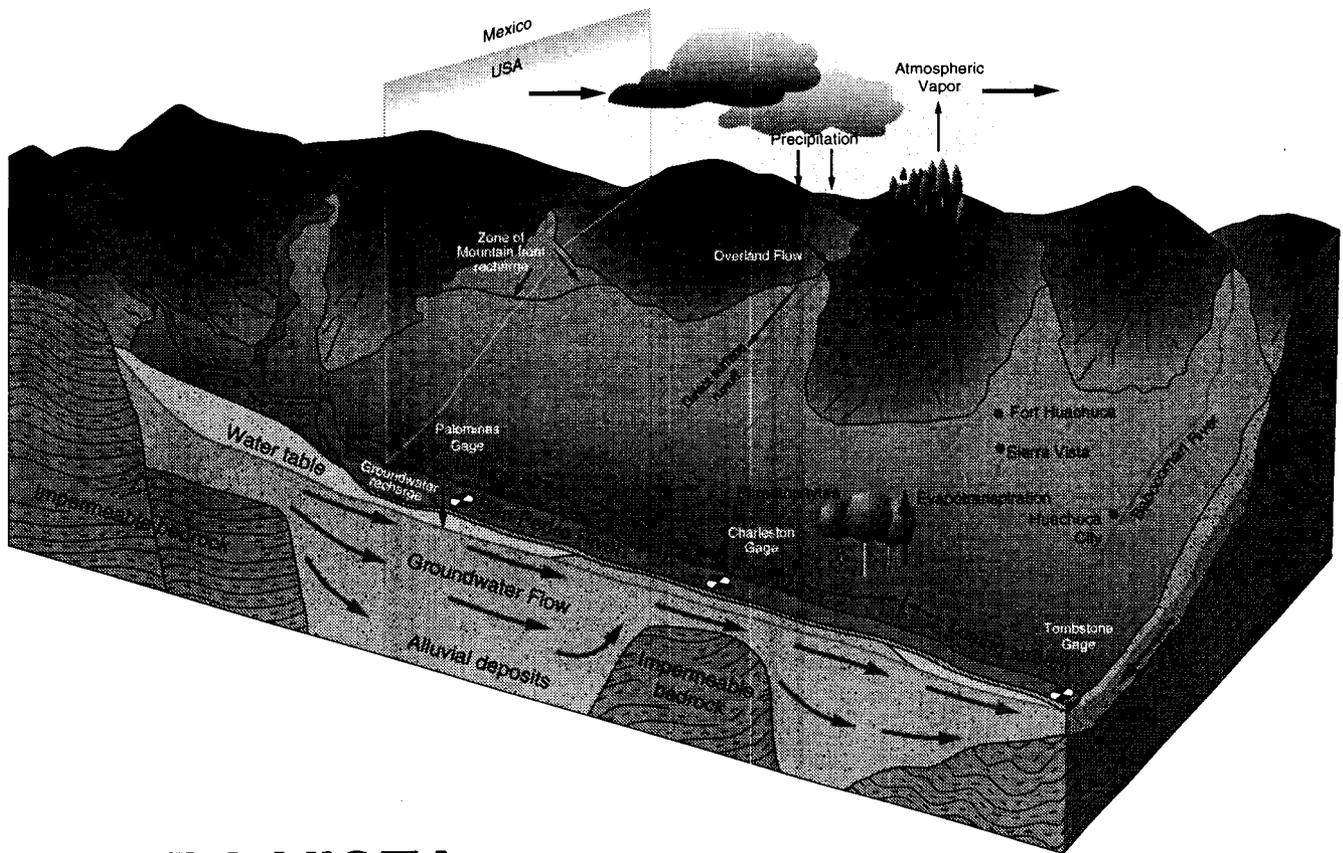
**ENVIRONMENTAL:** There are no known impediments

**ECONOMIC:** Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 3210 jobs (2344 direct jobs and 866 indirect jobs) over the 1996 to 2001 period in Hagerstown, MD PMSA which is 4.8% of the area's employment.

## **OTHER SERVICE/DOD FACTORS:**

Keeps National Military Command Center at Site R & C for JCS

**ALTERNATIVES CONSIDERED** None



**SIERRA VISTA**

**SUBWATERSHED**

**HYDROLOGY PRIMER**

**SIERRA VISTA**

**SUBWATERSHED**

**HYDROLOGY PRIMER**

**Produced for the City of Sierra Vista  
Bella Vista Water Company, Inc.  
And Pueblo Del Sol Water Company**

**by**

**ASL Hydrologic & Environmental Services**

**in conjunction with**

**R. Allan Freeze Engineering, Inc.**

**December 1994**

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## INTRODUCTION

The City of Sierra Vista and Fort Huachuca are located within the San Pedro Watershed in southeastern Arizona (Figure 1). The watershed is similar to many areas in southern Arizona located within the Basin and Range Physiographic Province. These watersheds are typically comprised of broad alluvial valleys bordered by uplifted mountains. The rivers and streams that drain these watersheds are commonly located in the vicinity of the valley centers. Many of the rivers that drain these alluvial valleys flowed year-round prior to the arrival of anglo settlers in the late 1880's. Since that time, many of the rivers in southern and central Arizona have ceased to flow perennially. In addition, the extent of abundant riparian (stream-side) vegetation along these water courses has likewise been reduced.

The San Pedro River in the vicinity of Sierra Vista and Fort Huachuca represents one of the few remaining free-flowing streams in the desert southwest. The diverse flora and fauna found along this reach of the San Pedro River have been recognized by the United States Congress, which created the San Pedro Riparian National Conservation Area (SPRNCA) along the river in 1988. The San Pedro Watershed, which has its beginnings near Cananea, Sonora, Mexico has been divided into smaller "subwatersheds" by the Arizona Department of Water Resources (ADWR). The Sierra Vista Subwatershed, within which the City of Sierra Vista, Fort Huachuca, and most of the SPRNCA resides, encompasses all lands located north of the Arizona/Sonora border within the San Pedro Watershed as far north as the

abandoned settlement of Fairbank, located along the river at the State Highway 82 crossing due west of Tombstone. The subwatershed is bordered by the Mule Mountains to the east and the Huachuca and Mustang mountains to the west.

## HYDROLOGIC CYCLE

The Hydrologic Cycle is a generalized model of the occurrence, fate, and interactions of water at, below, and above the surface of the earth. Principal components of the global hydrologic cycle include precipitation, interception of precipitation by vegetation, overland flow, infiltration, soil moisture storage, groundwater recharge, groundwater storage, groundwater flow, surface water impoundment, evaporation, transpiration from vegetation, and ultimately runoff or streamflow. Transfers of water from the oceans to the atmosphere to the land surface, ultimately returning to the oceans as streamflow, are governed by this conceptual model.

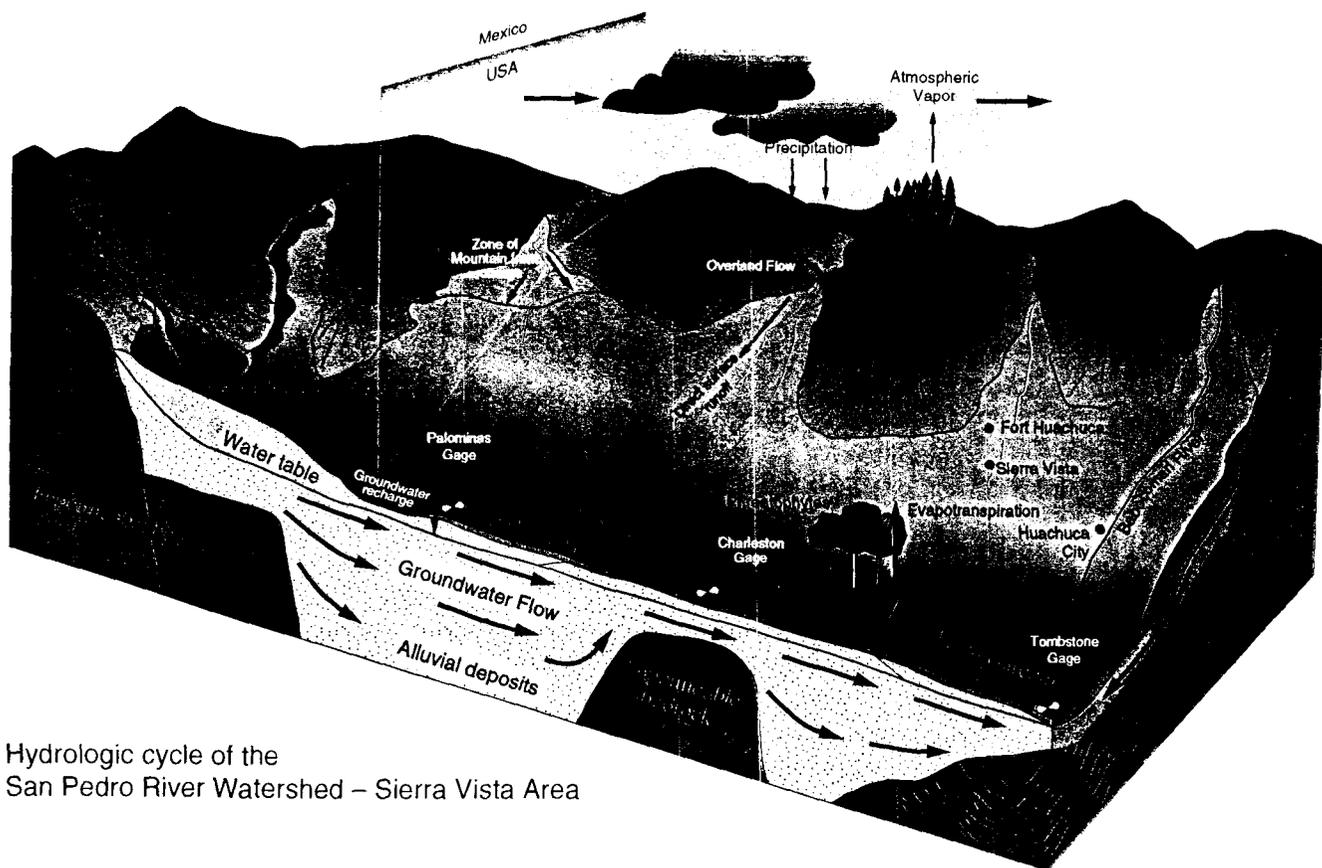
The water resources of the Sierra Vista Subwatershed are governed by a variety of hydrologic processes. Figure 2 presents the hydrologic cycle of the Sierra Vista Subwatershed.

Within the hydrologic cycle, water flows both on and under the land surface. Unchanneled surface flows are referred to as **overland flow**. **Streamflow** generally occurs within the banks of defined channels. **Flood flows** occur when precipitation events result in water being delivered to stream channels in

excess of their capacity, resulting in flows outside and above the confines of stream channels. **Groundwater** exists and flows beneath the land surface and is as a result of infiltration of precipitation or surface flows into the subsurface. Within the consolidated rocks of the surrounding mountains, or **bedrock**, groundwater primarily occurs within rock fractures or solution cavities. In the

**unconsolidated alluvial materials** that comprise the valley center, groundwater occurs within the pore spaces of the alluvial fill. Within alluvial fill, groundwater occurs under both saturated and unsaturated conditions. Groundwater below the **water table** occurs in a saturated state. Unsaturated groundwater flow occurs above the water table in the **vadose zone**.

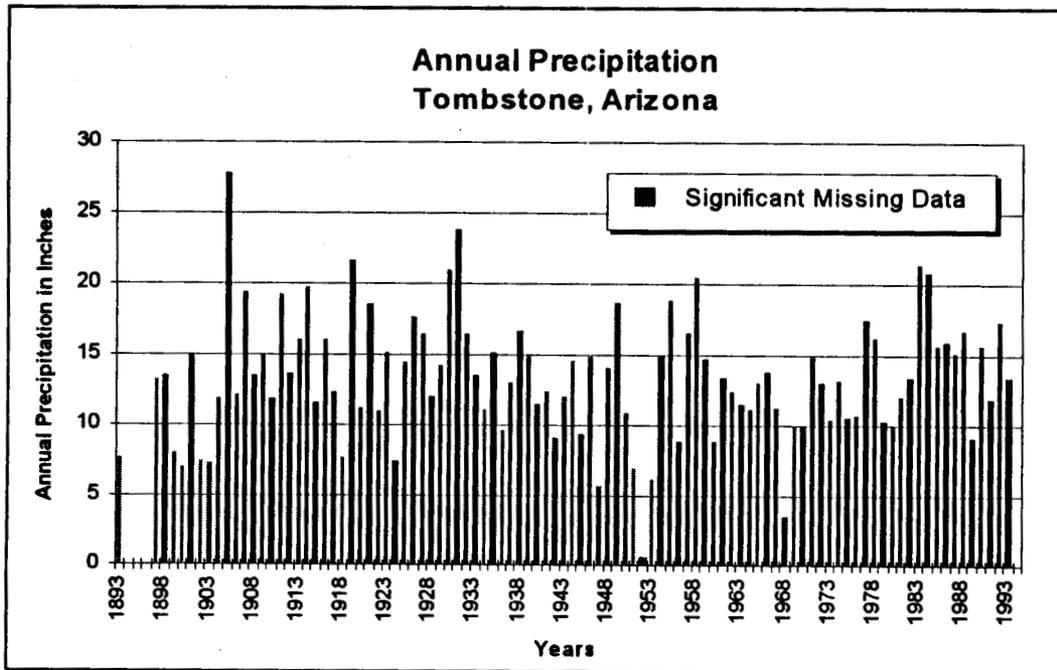
Figure 2 Hydrologic Cycle of the Sierra Vista Subwatershed



Hydrologic cycle of the San Pedro River Watershed – Sierra Vista Area

Figure 3 displays the annual precipitation for the entire period of record at Tombstone, the station with the longest record.

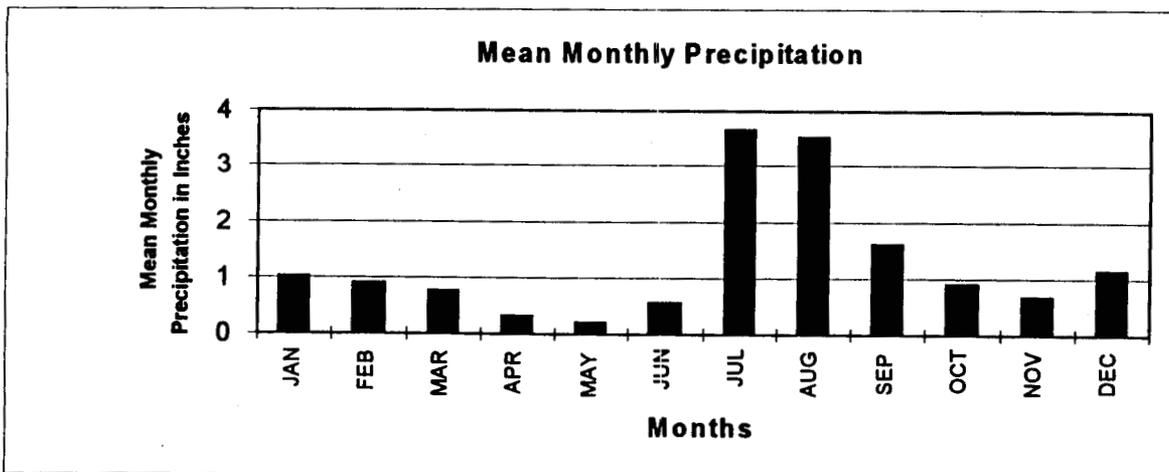
**Figure 3 Annual Precipitation in Tombstone, Arizona**



Source: Western Regional Climate Center

Figure 4 contains the mean monthly precipitation for the Tombstone station, demonstrating the typical seasonal distribution of precipitation seen in the Sierra Vista area.

**Figure 4 Mean Monthly Precipitation**



Source: Western Regional Climate Center

period of time. Specific stream segments within both perennial and intermittent streams may transition from gaining to losing, or losing to gaining through the course of a typical year. **Ephemeral** streams are those channels that flow only in direct response to the overland flow from precipitation events. Several notable streams in Arizona, the Salt and the Santa Cruz rivers for example, have become ephemeral due to excessive groundwater pumping and/or the diversion and impoundment of surface flows.

In the Sierra Vista Subwatershed, the San Pedro River is considered to be intermittent from the Mexican border to approximately 4 miles north of Palominas. The San Pedro River is perennial though most of the SPRNCA, to a point roughly 4 miles north of the Charleston Stream Gage. The San Pedro is classified as intermittent through the remainder of the subwatershed. With the exception of a small reach in the Redington area, the remainder of the San Pedro River is considered intermittent to its outfall to the Gila River at Winkelman. Several tributaries to the San Pedro River contain perennial flows. In the Sierra Vista Subwatershed, these include portions of the Babocomari River, O'Donnell Creek, and Miller and Ramsey canyons.

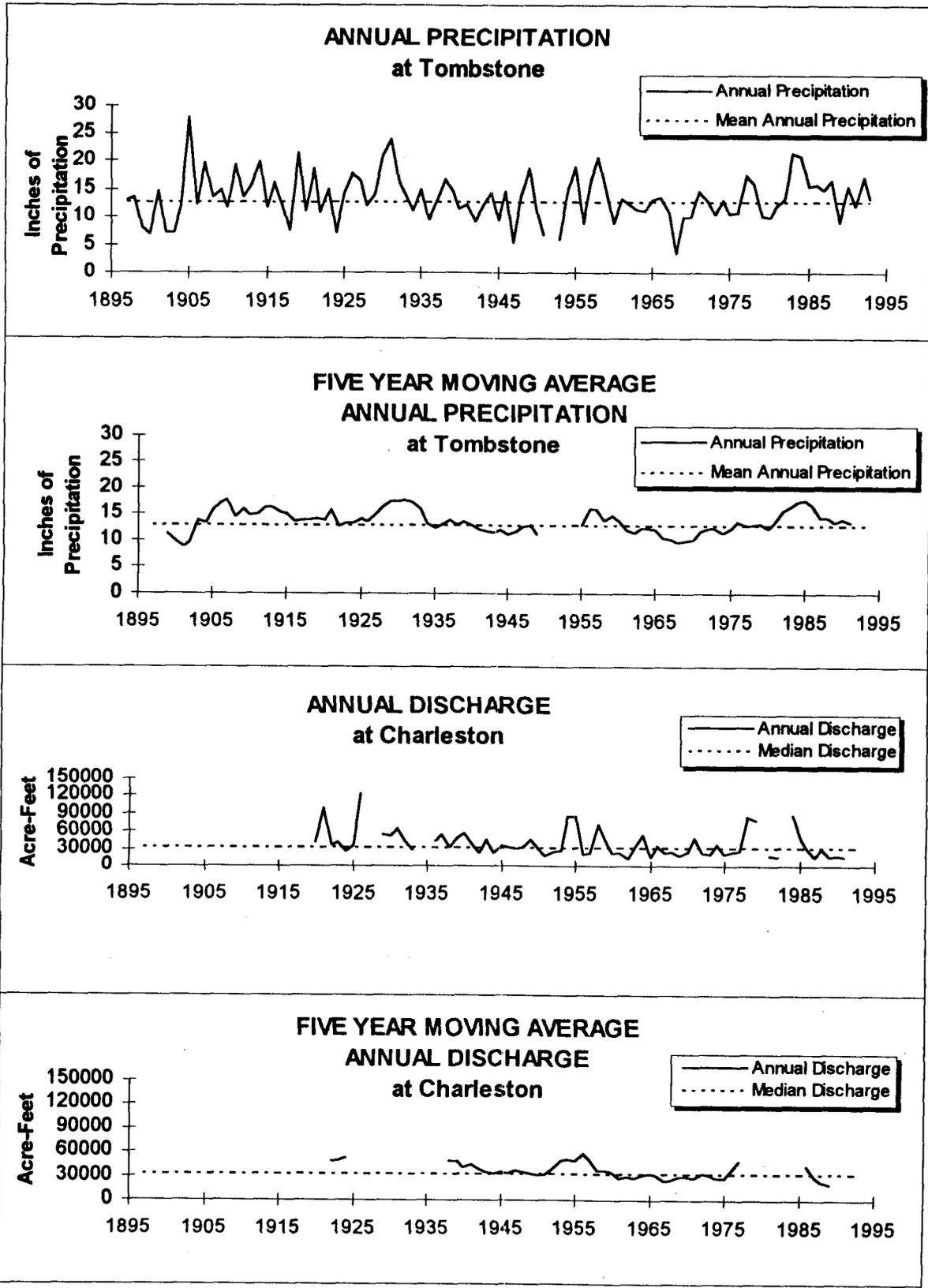
Much of the perennial reach of the San Pedro River through the SPRNCA is considered a gaining reach, whereby, inflows from the regional groundwater system contribute to, and augment, the surface flows. These groundwater inputs are forced to the surface by the nature of the groundwater flow system, and by the Tombstone Hills, a localized bedrock high. Downstream of the Tombstone Hills and the Charleston Stream Gage, the San Pedro River typically begins to lose water to the

floodplain aquifer, ultimately no longer able to sustain perennial flows prior to reaching the Tombstone Gage. This segment of the river is a losing reach.

Streamflow measured at stream gages in the Sierra Vista Subwatershed has two principal components: (1) direct runoff of precipitation from the watershed's rivers, streams, and washes; and (2) baseflow that results from contributions from the groundwater system discharging to the stream and measured at the gage. A typical stream gage records **stage**, i.e., the level of the water surface of a stream or river, flowing past a given location. For each gage, a stage-discharge relation is established. The **stage-discharge relation** is the relationship between gage height (stage) and the volume of water, per unit of time, or discharge, flowing in the stream channel. Measurements of stage can then be used to estimate discharge. The typical units for discharge are cubic feet per second (cfs).

Ideally, stream gages are established where good control exists immediately downstream. **Control** refers to a feature that results in a stable channel geometry. These features can be either naturally occurring, such as a rock outcrop, or ledge, or man-made, such as a flume, weir, or artificially-stabilized channel reach. The stability of the channel is one of the principal factors in establishing the accuracy of the stream gage. The USGS attempts to determine the range of accuracy for each stream gage deployed in the Sierra Vista Subwatershed. Periodic measurements are made at each station in order to assess its accuracy and to determine whether significant **shifts** have occurred in the stage-discharge relationship over time. If such a shift has been

**Figure 5 Annual Discharge Records for Charleston, Arizona Stream Gage**



## **BASIC HYDROGEOLOGY**

The primary element of the groundwater portion of the hydrologic cycle is the aquifer. Aquifers represent the underground conduits for groundwater flow and storage. **Aquifer** is defined as a geologic unit that can transmit and store significant quantities of water. Aquifers are most commonly unconsolidated permeable sand and gravel deposits, however, they may also consist of fractured rocks or consolidated sandstones. Groundwater is not stagnant; rather it percolates slowly through the aquifer systems. The composition of the aquifer material defines the potential for the aquifer to receive, store, and transmit water. The driving force by which water moves through the aquifer is generally the difference in water-level elevation between the areas where the aquifer is recharged (the mountain front areas in the Sierra Vista Subwatershed), and the areas where the groundwater flow discharges into the surface water system (the San Pedro River floodplain in the Sierra Vista Subwatershed).

### ***Aquifer Types***

There is rarely just one aquifer beneath the ground surface. Typically, a series of different aquifers that may be interconnected or independent comprise the aquifer system. In these aquifer systems, aquifers are generally divided into two general types, **unconfined** and **confined aquifers**.

The top of an unconfined aquifer is the water table. For this reason, unconfined aquifers are also called **water-table aquifers**. Unconfined aquifers are found at the top of the aquifer system and are generally strongly influenced by precipitation, runoff and stream flow.

Confined aquifers occur at greater depth. Above a confined aquifer is a layer that restricts the vertical movement of groundwater (e.g., clay or silt layer). Water present in a confined aquifer exhibits fluid pressures that are greater than atmospheric pressure. Therefore, when a well is installed in a confined aquifer, the water level will rise above the level of the top of the confined aquifer. For this reason, confined aquifers may also be referred to as **artesian aquifers**. If pressures are high enough in the confined aquifer, such that the water level is greater than the elevation of the land surface, then a well penetrating this aquifer will flow without need of a pump, and is referred to as a flowing artesian well.

Replenishment of aquifers is known as **recharge**. Unconfined aquifers are recharged primarily by precipitation or stream flow percolating from the surface. Confined aquifers are generally recharged through the overlying aquifers and confining layers, upper or lower aquifers, or from where the aquifer materials are exposed at the land surface, such as at the mountain fronts in the Sierra Vista Subwatershed. On a regional scale, the same geologic unit may be an unconfined aquifer in one part of the valley, but in other regions due to the presence of fine-grained deposits

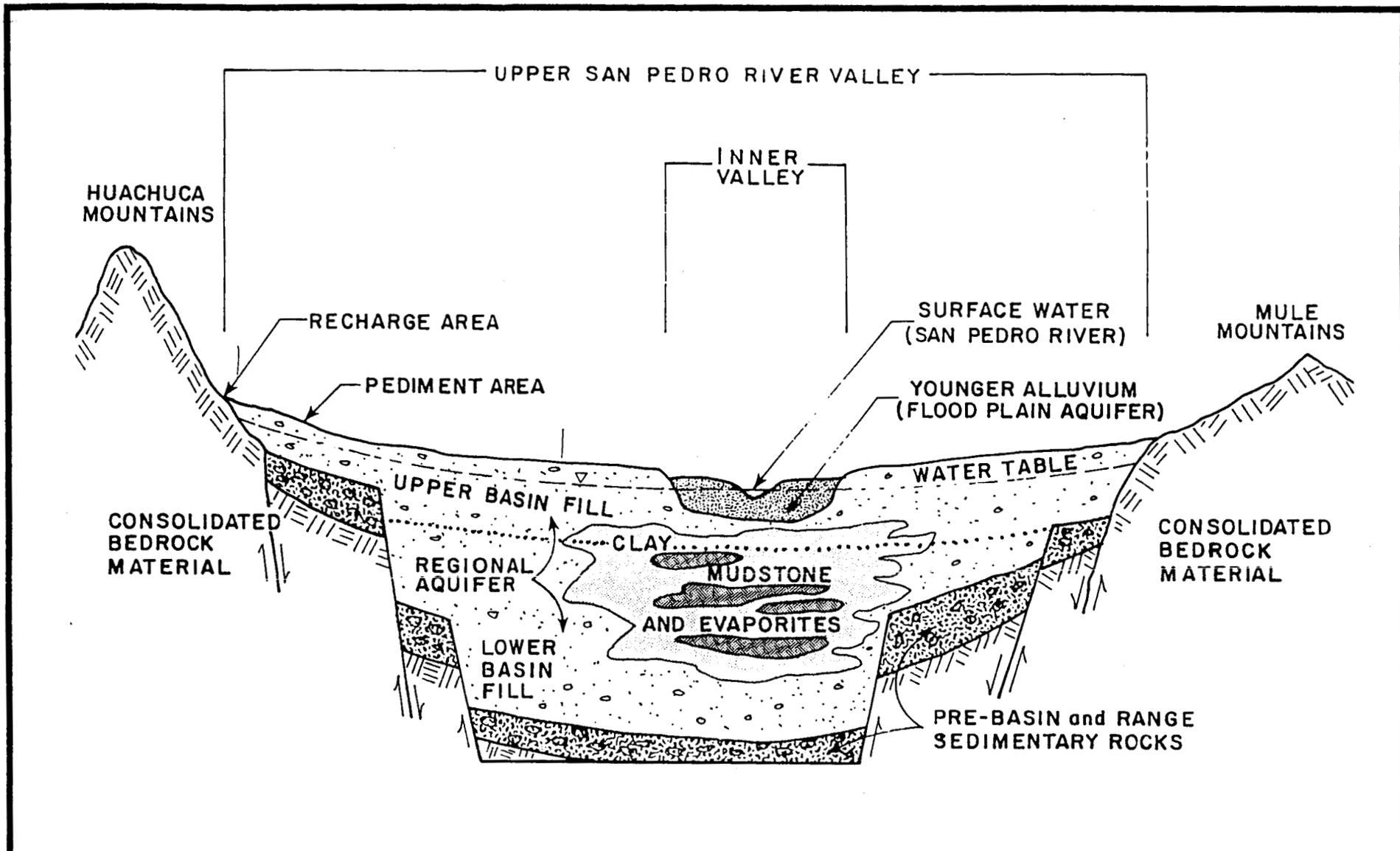
Some examples of groundwater flow are: (1) groundwater flowing toward a stream because the water table is higher than the streambed elevation (gaining stream); (2) water in a stream percolating into the ground because the water in the stream is higher than the water table (losing stream); or (3) groundwater flowing toward a pumping well. The natural regional groundwater flow in the Sierra Vista Subwatershed involves recharge to the aquifer along the mountain front flowing down the valley toward the stream because of the decrease in water-table elevations.

One of the most important factors to remember about the groundwater system in the Sierra Vista Subwatershed basin is that it is a dynamic system, constantly responding to changes in recharge or pumping, or evapotranspiration. However, the rate or timing of the changes is very slow in comparison to other parts of the hydrologic cycle (groundwater velocities are measured in feet per day as compared to a stream or river where velocities are measured in feet per second). Any significant change or stress in the aquifer system will cause a change in the rate or direction of groundwater flow. Pumping a well will drawdown the water elevation at a well and cause water to move toward the well; snow melt will cause recharge in the mountains and increase the rate at which water moves toward the valley center; or a decrease in stream height below the elevation of the water table in the adjacent aquifer will cause groundwater to flow into the stream.

## **SIERRA VISTA SUBWATERSHED HYDROGEOLOGY**

The groundwater system of the Sierra Vista Subwatershed lies within a major northwest structural trough that is bounded by mountain ranges on both sides. The western boundary from south to north is comprised of the Huachuca Mountains, Mustang Mountains and Whetstone Mountains, respectively. The eastern boundary from south to north is comprised of the Mule Mountains and Dragoon Mountains, respectively. These mountain ranges that define the edges of the trough are comprised of consolidated rocks that have been deformed by continued uplift. As these mountains have been forced upward over time, erosional forces (e.g., wind, rain, ice) have worn down the rock, and mountain streams have carried the eroded sands and gravels down slope to the center of the basin. These sands and gravels that have been carried down from the mountains form the alluvial sediments that comprise the aquifer system. In general, coarser sediments are deposited near the mountain fronts and grade finer towards the valley floor. A cross section of the Sierra Vista Subwatershed is shown on Figure 6.

Based on drilling logs from wells drilled in the San Pedro Watershed, there are generally three separate aquifers that define the San Pedro aquifer system: (1) the floodplain aquifer associated with the current San Pedro River; (2) the upper alluvial fill aquifer that is comprised of more recent sediments carried down from the mountains; and (3) the lower



Source: ADWR Hydrographic Survey Report for the San Pedro River Watershed

Not to scale



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Figure 6  
Cross Section of Upper San Pedro River Valley  
Sierra Vista

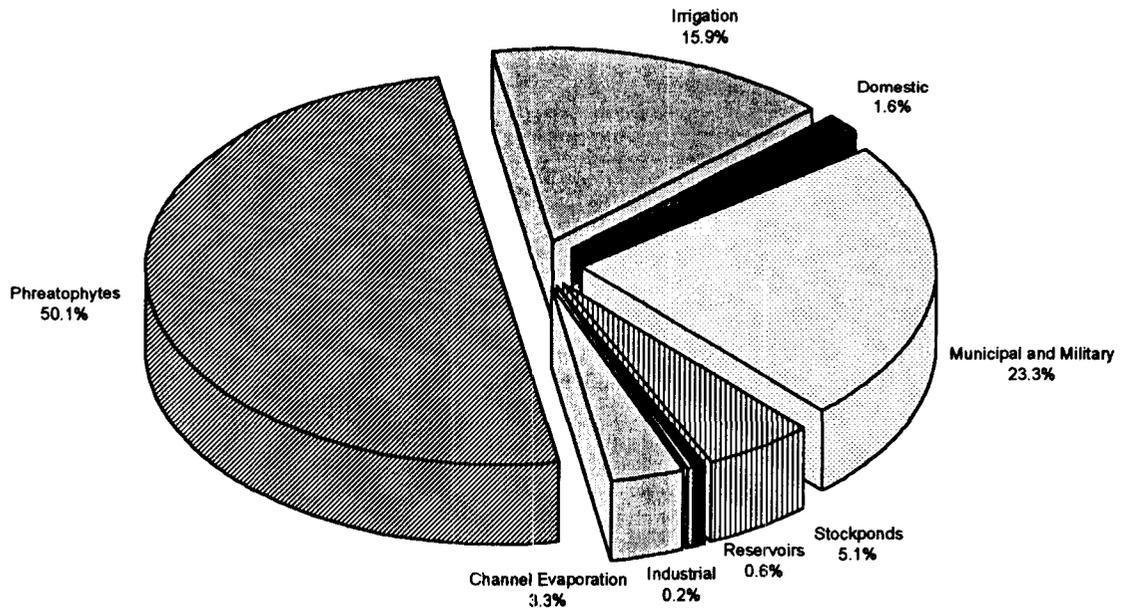
## WATER USE

Water use in the Sierra Vista Subwatershed, and elsewhere, can be placed into two primary categories: natural and cultural. Natural uses are those generally beyond the direct influence of man. Cultural uses are those water uses that are a direct result of man's activities. These man-caused influences are also referred to as anthropogenic. Natural and cultural use classes are reliant on available water resources and can be interconnected. Water Supply into the Sierra Vista Subwatershed is estimated to be 56,280 acre-feet each year, of which 28,150 acre-feet is withdrawn for consumptive use (ADWR, 1990). The distribution of the consumptive use within the Sierra Vista Subwatershed is presented below in Figure 8. Annually, 39,200 acre-feet of water flows out of the Subwatershed as surface water flow from the San Pedro River.

## Natural Uses

The two principal processes that result in natural water use are evaporation and transpiration. **Evaporation** is the direct conversion of water in the liquid phase to water vapor. Evaporation takes place both from bare soil and surface bodies of water. **Transpiration** is the result of water being captured by the root zone of plants and utilized by the plants in their growth. In part due to the difficulty in measurement of both of these processes, these two terms have been combined in a single term, **evapotranspiration (ET)** that describes the collective water consumption of a given area by the sum of both processes.

Figure 8 Summary of Sierra Vista Subwatershed Water Use



is limited to relatively insignificant uses such as stockponds and minor recreational and wildlife impoundments. ADWR has surveyed 82 impoundments in the subwatershed. These impoundments have a surface area of roughly 260 acres and a combined capacity of about 1,000 acre-feet. There are an additional 727 small impoundments whose surface area and capacity have not been surveyed. Estimated annual water demand resulting from these impoundments is 1,600 acre-feet. Immediately downstream of the Sierra Vista Subwatershed, the Saint David Irrigation District (SDID) diverts the entire flow of the San Pedro River for irrigation of over 1,000 acres.

In addition, these are approximately 5,000 acres of developed farm land and pasture in the San Pedro Watershed in Sonora, Mexico. These lands are believed to be irrigated with diverted surface water as their sole source of supply. In addition to the surface water diversions in the San Pedro Watershed in Mexico, groundwater is pumped for a number of uses, principally, municipal and industrial (M&I) uses in Cananea and Naco, and copper mining and smelting in Cananea. The water uses in Mexico are estimated to total 11,700 acre-feet annually, of which 5,000 acre-feet are believed to be directly diverted surface water flows from the San Pedro River. An additional 1,000 acre-feet are estimated to be surface water impounded each year for stockponds and reservoirs, and an assumed total of 5,700 acre-feet is groundwater annually pumped from within the watershed to serve the M&I and mining activities.

Cultural diversions through groundwater pumping provides the necessary water resources for a variety of uses in the Sierra

Vista Subwatershed, and serves virtually all of the economic activity in the region. These extractions are made for purposes including, but not limited to, the following: irrigation along the San Pedro River in the upper reaches of the Subwatershed in the Palominas/Hereford area; municipal and industrial uses throughout much of the watershed, but primarily concentrated in the vicinity of Sierra Vista and Fort Huachuca; and relatively minor commercial, industrial, and domestic uses throughout the subwatershed. In addition, the Arizona Water Company, Bisbee System exports annually approximately 1,000 acre-feet of groundwater from the southwest corner of the Sierra Vista Subwatershed for use in the Bisbee area.

ADWR estimates that over 6,600 acres have a history of irrigation in the past in the Sierra Vista Subwatershed. Much of this land, over 4,000 acres, was found to be inactive at the time of publication of the Hydrographic Survey Report for the San Pedro River Watershed in November, 1991. Of these, approximately 2,000 acres of land retired from irrigation have been taken out of production through incorporation into the SPRNCA by the Bureau of Land Management (BLM). The majority of the roughly 2,600 active acres remaining in production are located in the southern reaches of the watershed and are irrigated with wells located close to the San Pedro River. ADWR has estimated the sum of irrigation demands to be 4,600 acre-feet per year in the subwatershed.

Slightly over 10,000 acre-feet per year is estimated to be pumped to serve M&I and domestic water uses in the Sierra Vista Subwatershed. As stated above, this water use is principally concentrated in the Sierra Vista/Fort Huachuca area. In recent time,

## ***Impacts of Water Uses on the Hydrologic System***

### **Impact of Natural Uses**

The effect of phreatophytic vegetation along stream channels has been likened to a concentration of numerous small wells. While actively growing and transpiring, these trees extract water from the near-stream groundwater system. Large concentrations of transpiring riparian vegetation can induce inflow from the stream and decrease the volume of water flowing in the stream. It is possible for this vegetation to naturally dewater a stream. For example, much of the variation from high flows in the winter months to low flows in the summer in the San Pedro River can be attributed to seasonal differences in evapotranspiration by the phreatophytes located in the floodplain alluvium. Shallow monitor wells located in zones with significant riparian vegetation display marked diurnal water level differences, reflecting the daily impact of these 'wells' being turned on and off as they are active during the sunshine hours and inactive at night.

Significant alterations in the extent and location of riparian vegetation have the potential to produce notable changes in both the stream system itself and in the stream/aquifer interrelations within the floodplain. For example, areas where riparian vegetation are removed have experienced marked increases in water table elevations in the floodplain aquifer and associated streamflow. Conversely, if large stands of riparian vegetation have been established where previously none existed for some time, gradual depletions in

both the near-stream groundwater system and streamflow would be expected as the vegetation community is established.

### **Impact of Cultural Uses**

Much like the feed-backs described in the preceding section, man-induced water uses have the potential to have widespread effects throughout the hydrologic system. These effects can be direct and immediate. They can also be indirect and take many years to manifest themselves through the system. Following are a few examples of cultural uses and discussions of their potential impacts on the surface and groundwater systems.

Direct diversions of surface water first and foremost remove water from a flowing stream. Consequently, stream/aquifer interactions will be altered downstream of the diversion. If the diversions were made upstream from a gaining reach of the river, additional flow from the groundwater system to the stream may occur as a result of the lowering of the base elevation of the stream. If the diversions were made from a losing reach of either a perennial or intermittent stream, or from an ephemeral stream, recharge along the stream channel to the aquifer system will be curtailed or eliminated entirely. This removal of water from stream and stream aquifer may result in a related reduction in evapotranspiration by stream-side vegetation, mitigating, to some extent, the impact of the diversions to the hydrologic system but resulting in reduced, or potentially eliminated habitat. The end use of the diverted water will also result in changes to the system.

minus any change in groundwater storage. Water balance modeling is simply an accounting of the inflows, outflow and changes to storage on an average annual basis. The water balance method cannot predict time-dependent changes in water levels or effects to stream flow. Some of the numbers are easily quantifiable (i.e., pumping, stream flow), while other numbers are extremely difficult to measure or quantify (i.e., recharge and evapotranspiration). Water

balance modeling is a good way to gain a conceptual understanding of the hydrologic system and aid in identifying potential changes to groundwater storage over time. U of A and ADWR have both completed water balance modeling in the Sierra Vista Subwatershed. The results of the water budget modeling that were presented in the 1990 ADWR Hydrographic Survey Report are presented in Table 4.

**Table 4 ADWR Water Budget Model**

**ADWR WATER BUDGET ANALYSIS OF THE SIERRA VISTA AND MEXICO SUBWATERSHEDS  
1990 DEVELOPMENT CONDITIONS  
(Acre-Feet per Year)**

	Mexico Subwatershed	Sierra Vista Subwatershed
<b>Supply (+)</b>		
Surface Water Inflow		23,420
Ground Water Inflow		3,000
Tributary Surface Water	35,900	17,300
Groundwater Recharge		13,860
Imports		200
Exports		-960
<b>TOTAL</b>	<b>35,900</b>	<b>56,820</b>
<b>Water Use (-)</b>		
Irrigation	5,000	4,590
Domestic	300	460
Municipal	2,300	6,730
Stockpond	1,000	1,460
Reservoirs		160
Mining	3,000	
Industrial	100	50
Channel Evaporation		950
Phreatophytes		14,450
<b>TOTAL</b>	<b>11,700</b>	<b>28,850</b>
<b>Surplus (=)</b>		
Groundwater Outflow	900	0
Surface Water Outflow	23,420	39,200
Change in Storage	-120	-11,230

It is worth noting that the annual change in groundwater storage is approximately equal to the average annual groundwater recharge.

hydraulic conductivity, there is not a unique solution to each model. Calibration relies heavily on the experience of the modeler, and therefore the results of a particular model may not exactly match the results of a previous model using the same initial data set. However, modeling of the Sierra Vista Subwatershed is now sufficiently well developed that major changes in interpretation are unlikely.

The accuracy of the numerical simulation is dependent on the accuracy of the input parameters. The higher the degree of uncertainty in the input parameters, the higher the degree of uncertainty in the model results. However, numerical modeling, even using uncertain data sets can be very useful in understanding the general concepts of the hydrologic system and can guide collection of future data to further refine the accuracy of the model. Perhaps more importantly, models can be used in planning efforts to evaluate the potential outcomes of altering the pumping stresses applied to the aquifer system. Alternative future pumping scenarios can be investigated, and proposed mitigative schemes can be analyzed. Often, the implications for policy decisions, based on numerical modeling simulations, are quite pertinent to the given situation.

## **CONCLUSIONS**

Based on a thorough review of existing reports and data on the hydrology of the Sierra Vista Subwatershed, and a sound conceptual understanding of the water resources and groundwater flow systems

in southeastern Arizona, ASL Hydrologic & Environmental Services and Dr. Allan Freeze offer the following conclusions to the City of Sierra Vista.

1. The water resource issues facing the residents of the Sierra Vista Subwatershed do not arise due to insufficient available groundwater supplies. There is ample groundwater in storage to serve the municipal and industrial needs of the current and future residents of the Sierra Vista Subwatershed. The quality of the groundwater in storage is excellent and poses no significant impediment to its use for potable purposes. ADWR (1991) has estimated that over 30 million acre-feet of groundwater reside in storage within the groundwater basin of the Sierra Vista Subwatershed. Annual groundwater withdrawals for all uses is estimated to be 17,400 acre-feet annually. Even these modest withdrawals from storage have some impact on the regional water balance, and without mitigation, have the potential to impact conditions in the San Pedro Riparian National Conservation Area (SPRNCA).
2. There are several significant water users within the Sierra Vista Subwatershed. These include the US Army at Fort Huachuca, the municipal and industrial users in the Sierra Vista area, agricultural uses along the valley center in the Palominas/Hereford area, exports from the subwatershed to serve uses in Bisbee, and the water consumed by the riparian vegetation located along the San Pedro River within the

be very limited to date and are likely the result of a small reduction in the upward vertical gradients in the basin fill aquifer lessening the groundwater fluxes to the floodplain aquifer of the San Pedro River. The U of A modeling studies concluded that "Pumping from the regional aquifer is not the major factor imperiling streamflow in the San Pedro River. Drought-related reductions in surface runoff and irrigation-related pumping from the floodplain aquifer are much stronger influences, particularly in the short term."

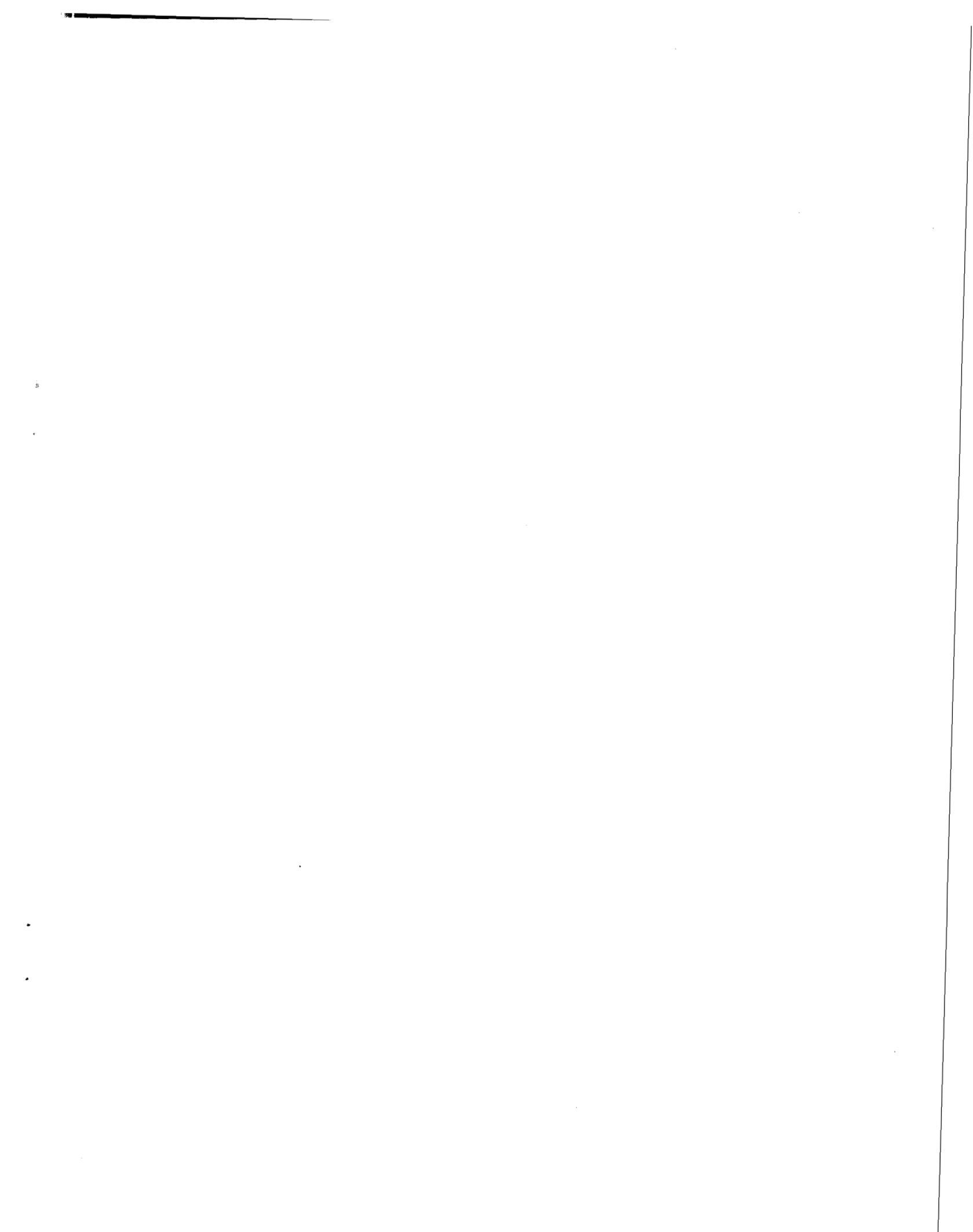
6. Much of the discussion on the potential impacts of groundwater pumping have focused on the increasing depth of the Sierra Vista/Fort Huachuca cone of depression. While changes in the depth from which water is extracted has some bearing on the economics of groundwater pumping, declines in regional aquifer water levels at some distance from the San Pedro River are not necessarily an appropriate measure of impacts of groundwater pumping on streamflow. Such impacts are best assessed through consideration of the basin water balance.
7. ASL, Dr. Freeze, and other investigators of the region, including those at the U of A, believe that a water resources management strategy can be implemented within the region which, if properly designed and monitored, will abate potential negative impacts to the SPRNCA due to increased pumping. The implementation of a water resource

management system that preserves the ecosystem of the SPRNCA could potentially result in significant economic and social consequences for the current and future residents of the Sierra Vista Subwatershed.

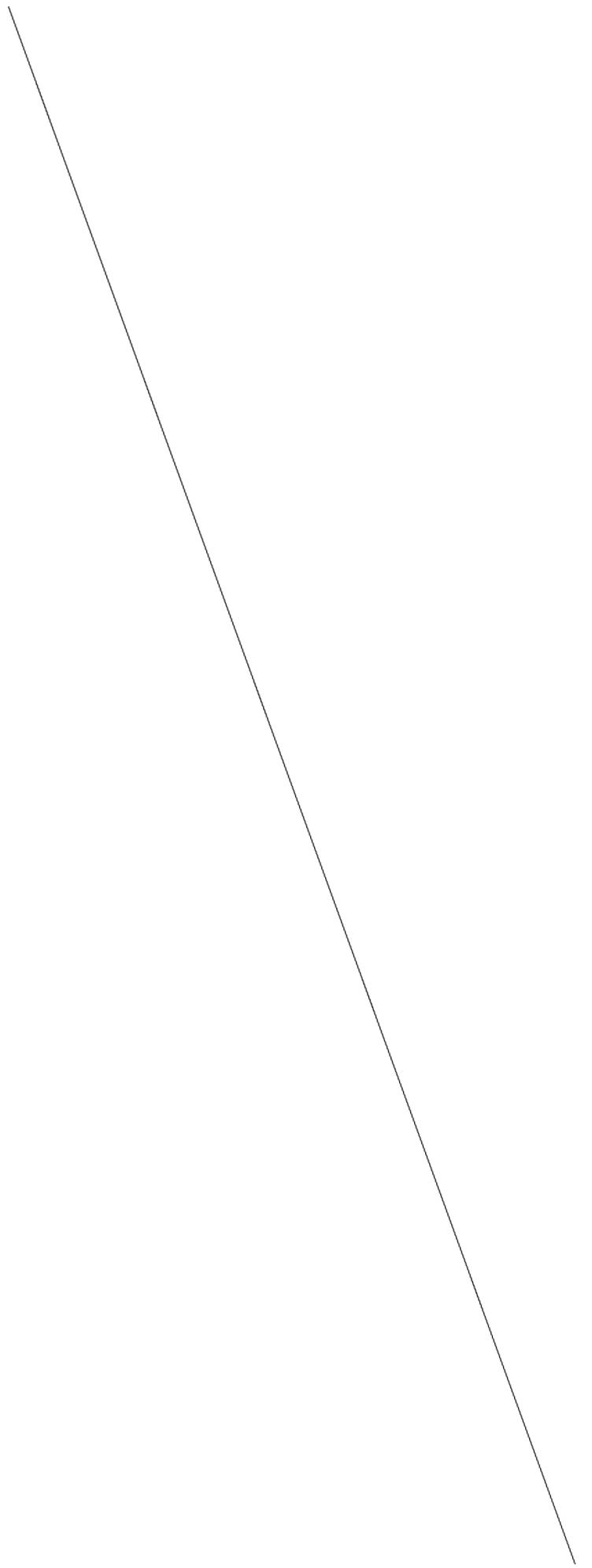
8. The growth and development that has occurred in the Fort Huachuca/Sierra Vista area does not pose an immediate threat to the flows in the San Pedro River within the SPRNCA. The accompanying groundwater pumping has likely had limited impacts to date on the river flows. While ASL does not believe the groundwater pumping in the Sierra Vista/Fort Huachuca area to pose an immediate threat to the San Pedro requiring drastic measures, the impacts of this regional aquifer pumping will become increasingly more threatening to the river through time. Additional unmitigated groundwater pumping to serve new development will increase the threat to the San Pedro River. Consequently, the orderly development of water management strategies and plans will be an important aspect of economic development if that development is to be sensitive to the needs of the SPRNCA. There is time to evaluate water management options and develop appropriate plans and strategies that balance reasonable economic growth with the continued vitality of the riparian community while minimizing to the greatest extent possible the resultant social impacts.

## REFERENCES

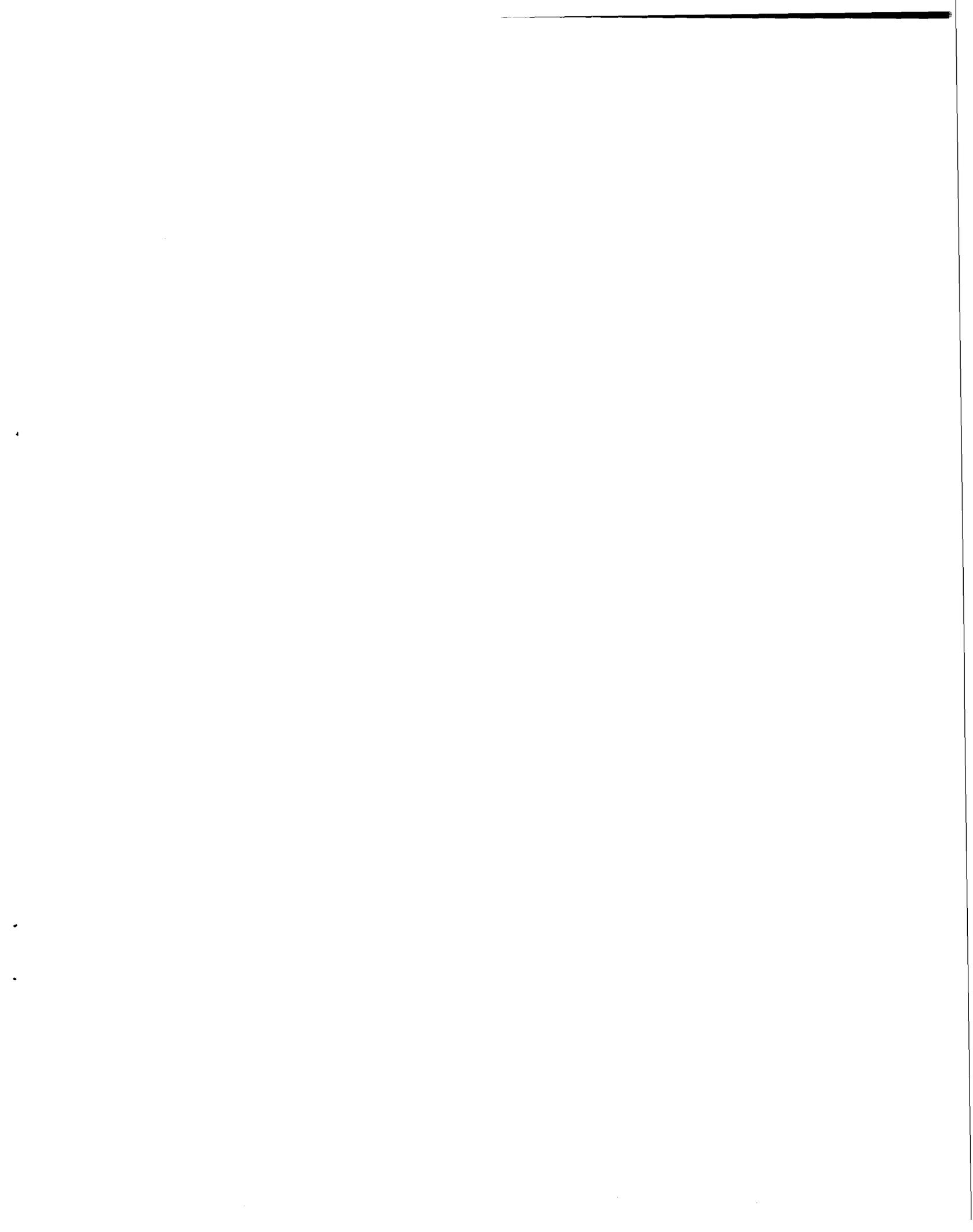
- Arizona Department of Water Resources, 1990. *Preliminary Hydrographic Survey Report or the San Pedro Watershed, Volume 1: General Assessment, Phoenix, Arizona.*
- Bureau of Land Management, 1987. *Assessment of Water Conditions and Management Opportunities in Support of Riparian Values: BLM San Pedro River Properties, Arizona*
- Freethy, G.W., 1982. *Hydrologic Analysis of the Upper San Pedro Basin from Mexico U.S. Boundary to Fairbank, Arizona, U. S. Geological Survey Open File Report. 82-752.*
- Harshbarger and Associates, 1974. *Consultants Report on Water Development, Appendix 1, in Report on Water Supply, Fort Huachuca and Vicinity, Arizona, by the U.S. Army Corps of Engineers, Los Angeles, California District.*
- Korsten, E., 1994. *Hydrologic Analysis of the San Pedro River Basin with Respect to Natural Groundwater Recharge and Pumping.*
- Putman, F., K. Mitchell and G. Bushner, 1988. *Water Resources of the Upper San Pedro Basin, Arizona Department of Water Resources, Hydrology Division.*
- University of Arizona, 1991. *Final Report, A Study of the Water Resources of the San Pedro Basin and Options for Efficient and Equitable Water Management, Water Resources Research Center.*
- Vionnet, L.B. and T. Maddock III, 1992. *Modeling Groundwater Flow and Surface/Groundwater Interaction for the San Pedro River Basin: Part 1, University of Arizona, Department of Hydrology & Water Resources Report No. 92-010.*







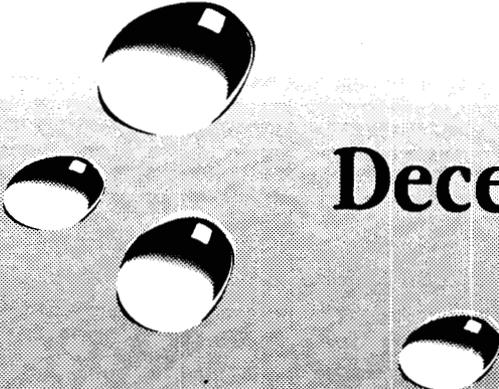




# **A New Look at Water Management in the Sierra Vista Subwatershed**

## **A Call for Water Management:**

Concerned citizens in the Sierra Vista Subwatershed wish to protect both the riparian resources of the sub-basin, including those of the San Pedro Riparian National Conservation Area, and provide a reliable source of water to residents to insure a healthy local economy for the area. It is recognized that an informed, proactive water management strategy is necessary to provide for both people and the river. In the hope of reaching these goals, the establishment of a local Water Management Authority to oversee and guide water use within the Sierra Vista Subwatershed has been proposed.



**December, 1994**

Tourism is a growing industry in the basin. For example, Bisbee and Tombstone attract history buffs while the San Pedro River, Ramsey Canyon and Coronado National Forest attract birdwatchers and other ecotourists from within the United States and around the world.

## About the Basin

The Upper San Pedro Basin occupies about 1,875 square miles in southeastern Arizona and about 700 square miles in northern Sonora, Mexico. The spot known as "The Narrows," an area of bedrock constriction in the valley 12 miles north of Benson, constitutes the northern boundary of the Upper San Pedro Basin. The Lower San Pedro Basin, composed of the Aravaipa, Winkelman, and Redington sub-basins, continues north of the Narrows to the Gila River.

Plants and surface water outflow from the Upper San Pedro Basin are the two largest uses of water in the basin, accounting for approximately 66% of annual losses. The remaining 34% are from cultural uses.

In the Upper San Pedro Basin, agriculture is currently the major cultural user of water, accounting for approximately 62% of all cultural depletions. Municipal and domestic uses account for most of the remaining water withdrawals (approximately 27%) in the basin.

Virtually all domestic and industrial uses are satisfied by pumping groundwater from wells in the deeper regional aquifer. The regional aquifer is a large deposit of underground water as deep as 1800 feet below the Upper San Pedro Basin. It contains more than 48 million acre-feet of good quality groundwater in storage.

Most irrigation wells are located in the permeable floodplain aquifer. The floodplain aquifer is an area of gravel, sand and silt laid down by recent stream action along the river that holds a smaller water deposit.

Climate in the area is semi-arid, with warm summers and moderate winters. Precipitation is variable on both a monthly and a yearly basis. Annual average precipitation ranges from 10 inches along the San Pedro River and increases with elevation to more than 30 inches in the Huachuca Mountains.

## Basin Water Resources

The San Pedro River originates in Sonora, Mexico, approximately 30 miles south of the international border and flows north for approximately 125 miles to its confluence with the Gila River near Winkelman. Flow in the San Pedro is due to runoff from snow melt, rain and base

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# This perennial stretch supports one of the best remaining examples of a riparian ecosystem of this type in the State

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flows. Base flow is the amount of groundwater discharged to the stream from the adjoining floodplain alluvium aquifer (the long, narrow and shallow aquifer along the San Pedro River).

Where the San Pedro crosses the international border near Palominas, it is a losing stream, meaning water flows out of the stream into the adjoining floodplain alluvium aquifer. In contrast, the 18 mile stretch between Hereford and Fairbanks is a gaining stream, meaning water flows into the stream from the adjoining floodplain alluvium. The perennial flow is due to two factors: base flow discharge, and geologic restriction near Charleston.

This perennial stretch supports one of the best remaining examples of a riparian ecosystem of this type in the State.

While surface water resources in the basin are fairly limited, vast quantities of water exist below the ground surface. The valley fill sediments, which are up to 1500 feet deep in some places, contain most of this water. These valley fill sediments comprise the regional aquifer which underlies most of the basin. The regional aquifer of the upper basin is estimated to contain more than 48 million acre-feet of water. Water is recharged to the regional aquifer from along the mountain fronts and from stream channel infiltration. Groundwater generally travels from the surrounding mountain fronts toward the San Pedro River. The Arizona Department of Water Resources estimates mountain front recharge to be 26,620 acre-feet per year.

Additional water exists in the younger, shallower sediment deposited on top of the valley fill sediments by the San Pedro River and its tributaries. By far the most significant of these floodplain aquifers is the one which lies beneath and along either side of the main stem of the San Pedro River. It is estimated that the floodplain aquifers in the upper basin contain 500,000 acre-feet of water.

## The Basin's Hydrology

Water can move back and forth between the regional and floodplain aquifers, though it generally moves from the regional aquifer towards the central floodplain aquifer. Water also moves back and forth between the floodplain aquifers and the river. In some stretches the base flows of the river are fed by groundwater, while in other stretches water infiltrates from the river to the floodplain aquifer. Water flows perennially in areas where it is fed by base flows, and intermittently in the other areas.

The City of Sierra Vista was incorporated in 1956 and annexed Fort Huachuca in 1971. From 1954 to present, Fort Huachuca has been an important component of the Army's communication information command.

In 1984 the Bureau of Land Management began a program to resolve its land debt to the State of Arizona, and by 1988 more than 1.7 million acres had been exchanged, transferred or re-administered. Among these were properties located along the San Pedro River which had been purchased by a private developer in 1971. These lands became the San Pedro Riparian National Conservation Area when Congress passed the Arizona-Idaho Conservation Act on November 18, 1988.

In recent years, many people, including retirees and tourists, have been attracted to the Upper San Pedro area because of its climate, location, history, ecological richness, and general quality of life. With growth in the basin has come general increased water use.

## The San Pedro RNCA

The San Pedro Riparian National Conservation Area is the first National Conservation Area established for protection of a riparian habitat. The enabling language specifically identifies protection of the "riparian area and the aquatic, wildlife, archeological, paleontological, scientific, cultural, educational and recreational resources of the public lands surrounding the San Pedro River."

The San Pedro RNCA is in the southeastern part of Cochise County in the Safford District's Tucson Resource Area. Most of the perennial portion of the San Pedro River occurs within the SPRNCA, a 56,000 acre unit managed by the Bureau of Land Management. The Upper San Pedro River is the focal point of the area. Originating in the grasslands of northern Mexico, near the town of Cananea, the river flows

northward to its confluence with the Gila River near Winkelman. The river is perennial throughout most of the conservation area and supports a riparian ecosystem in good condition with abundant species diversity.

## The Sierra Vista Subwatershed's Hydrology

The floodplain alluvium is hydrologically connected to the basin-fill alluvium within the Sierra Vista Subwatershed. Although ADWR estimates there are approximately 31.8 million acre-feet of groundwater recoverable from storage in the subwatershed's basin-fill alluvium to a depth of 1,200 feet, discharges from the water stored in the basin-fill cause the

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# With growth in the basin has come general increased water use.

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hydrologic system to seek a new equilibrium. These discharges are due to groundwater pumping, plant consumption, surface water outflow of the San Pedro, and evaporation.

Cones of depression around wells are graphic representations of the system seeking a new equilibrium. The basin, as a whole, reaches an equilibrium between the amount of water being recharged into the basin and the amount being discharged from the basin. If the amount of discharge is greater than the amount of recharge, the groundwater level declines. Ultimately, base flow from the floodplain alluvium to the stream could reverse and

the San Pedro could become a losing river along its entire reach. Under such circumstances, the 18 mile stretch of the San Pedro River from Hereford to Fairbanks would change from perennial in nature, to intermittent or even ephemeral. Ecological data indicates such groundwater declines would cause several changes to the riparian ecosystem of the San Pedro.

The data presented by the ADWR in the San Pedro Watershed Hydrographic Survey Report, as amended March, 1992, indicates the present discharges from the portion of the Sierra Vista Subwatershed located in the U.S. exceeds the amount of water naturally being recharged by 11,230 acre-feet annually. At present, ADWR estimates there are 56,820 acre-feet of available supply and that there are annual discharges of 13,450 acre-feet for cultural use, 15,400 acre-feet for natural use and 39,200 acre-feet for surface water outflow, leaving an annual deficit of 11,230 acre-feet. Efforts are presently underway to refine the accuracy of this data.

Moreover, the pumping of numerous wells in the Sierra Vista-Fort Huachuca area has caused the creation and growth of a localized cone of depression in the area. This decline in groundwater levels raises concerns that, in the future, there will be an adverse effect on the streamflow of the San Pedro River and the riparian ecosystem sustained thereby.

Numerical groundwater flow models are being created by the ADWR and others that can be used to quantify and predict the impact excess discharge will cause to the San Pedro floodplain and ultimately the river. These same models can be used to predict the beneficial impacts that could be achieved by implementing particular management techniques, such as well spacing, recharging effluent, augmenting supplies, etc.



- irrigation water duties
- an impact fee applicable to new commercial, residential and industrial development
- establishing criteria for all new well permits issued by the Department of Water Resources
- establishing criteria for monitoring and reporting water usage
- encouraging coordination and cooperation with water users and government agencies in Mexico

### Impact of a Water Management Agency

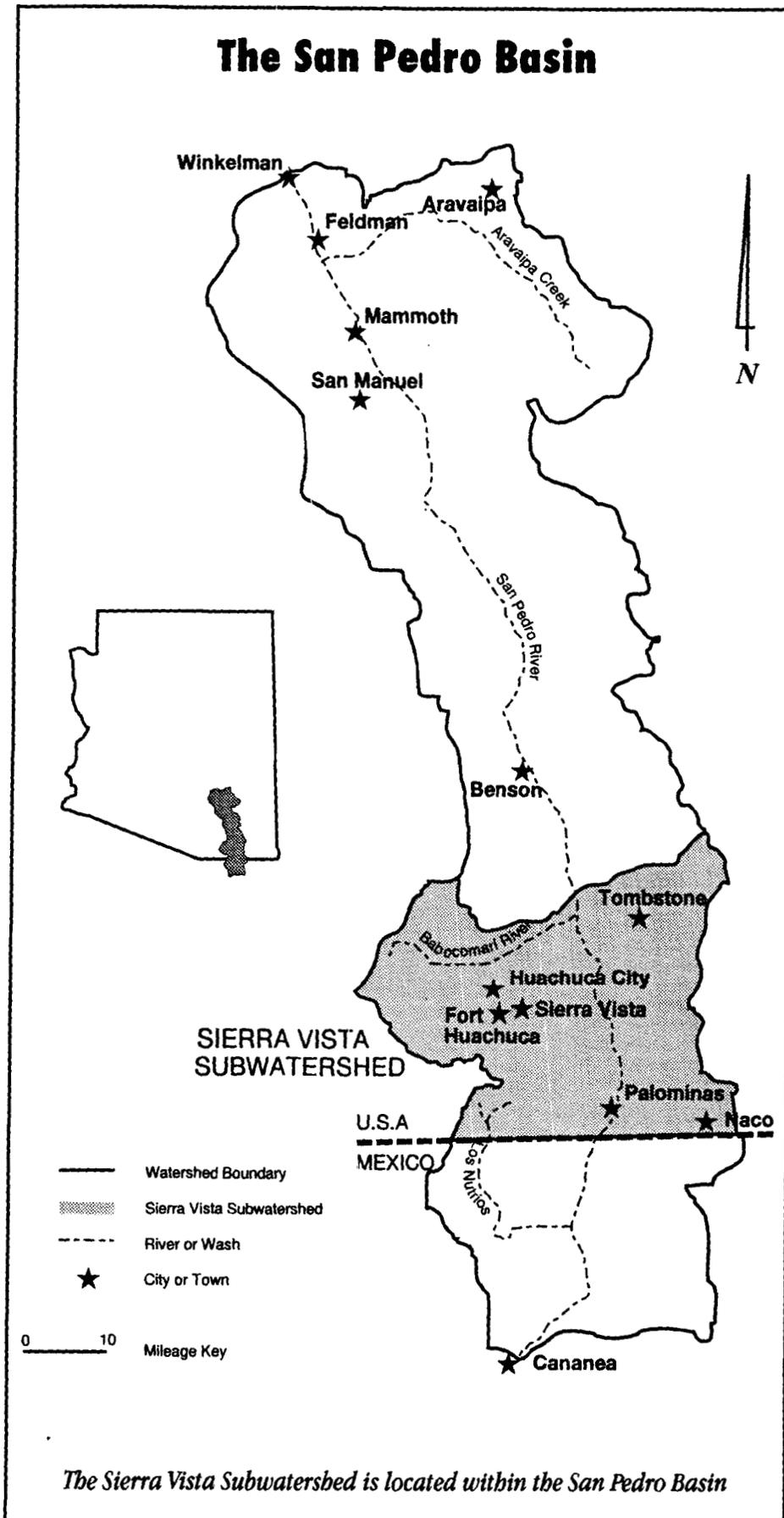
A water management agency in the Sierra Vista Subwatershed is crucial to the future of the region. Without a concrete and effective water management plan, the economic and environmental future of the area is uncertain. The proposed management agency would help insure continued high-quality growth in the area, while assuring the preservation of the ecology in the San Pedro Riparian National Conservation Area.



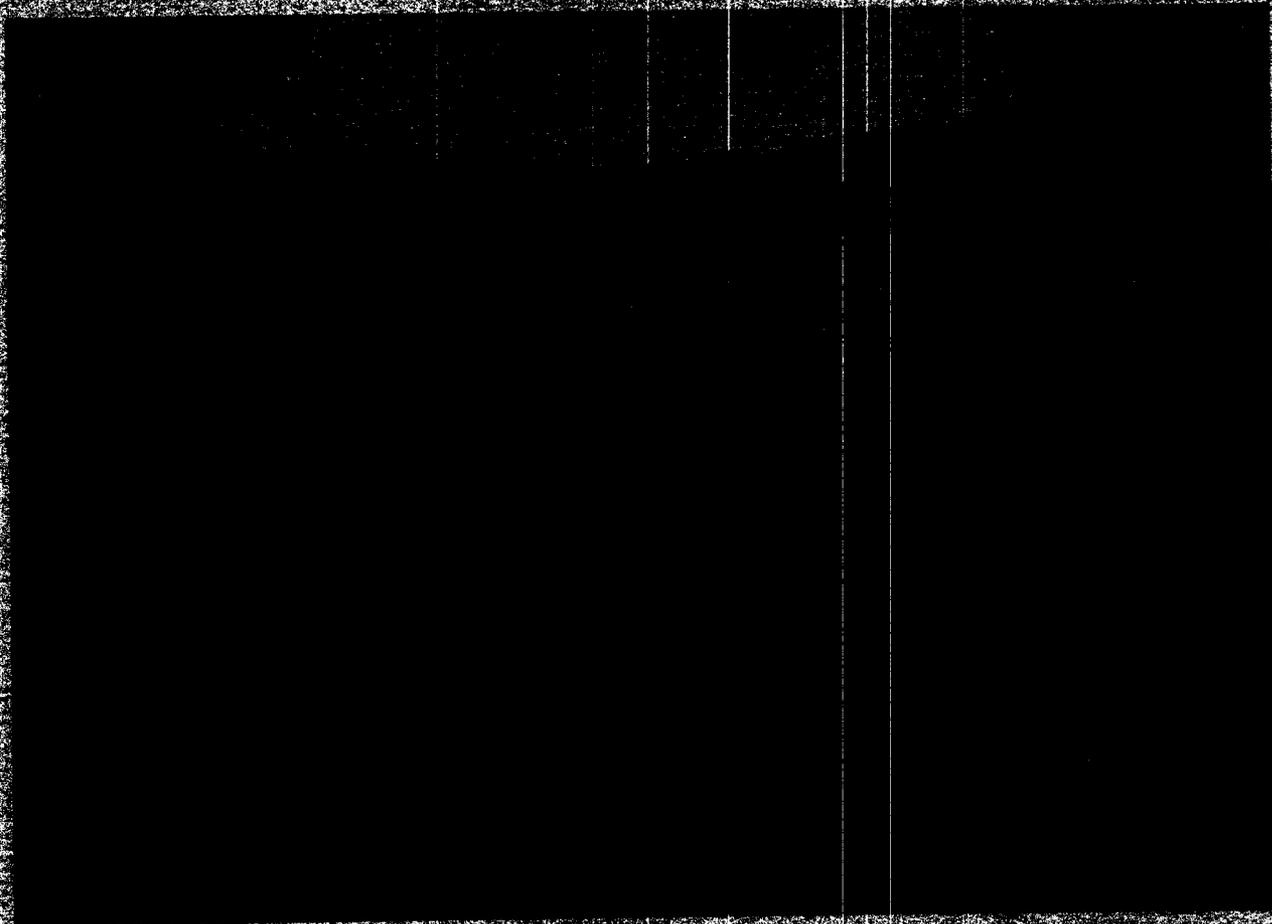
### For Further Information, Please Contact...

Judy Gignac  
 Bella Vista Water Company  
 P.O. Box 1150  
 Sierra Vista, AZ 85636-1150  
 (602) 458-5470

Karlene Burrus  
 The Nature Conservancy  
 P.O. Box 545  
 Hereford, AZ 85615  
 (602) 378-3627



Sierra Vista  
Arizona



Greetings:

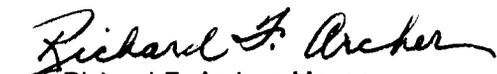
As mayor of Sierra Vista, I am always proud to tell people about the extraordinary working relationship our city enjoys with Fort Huachuca. Because Fort Huachuca actually lies within our city limits, we benefit as the result of our cooperative efforts.

For example, we share our airport facility with Libby Army Airfield and the post allows our residents to use their recreational facilities. The city provides public transportation on post and allows the use of Veterans' Memorial Park for military-sponsored ceremonies and events. Also, because of the post's status as our major employer, the city has built a major bypass, Buffalo Soldier Trail, to serve those transportation needs.

On the horizon, we plan to enter into an agreement to assume traffic signal maintenance responsibilities on post; an arrangement we hope to extend to other traditional city services. We are also working together closely on issues concerning the future of our precious water resources. Jointly, we will soon convert to desert landscaping at the main gate. We will also pursue options regarding wastewater management and reuse as the city looks to increase the capacity and level of treatment at our wastewater facility.

Finally, the city will aggressively promote our mutual interests in the Base Realignment and Closure (BRAC) process. As a member of the Arizona Military Facilities Study Commission, I will not only work to retain existing missions on post, but will seek to relocate the Defense Language Institute (DLI) to Fort Huachuca.

As a military and civil service retiree living in Sierra Vista since 1959, I can truly say that from my vantage point, Sierra Vista and Fort Huachuca represent not only a fine tour of duty, but an excellent place to live as well. We welcome the presence of our servicemen and women, and we will work in the spirit of cooperation into the future.

  
Richard F. Archer, Mayor

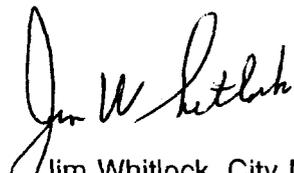
## TOWN HALL MEETING: A Blueprint for the Future

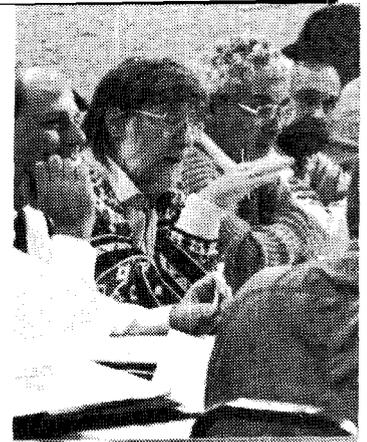
On November 11-13, 1993, one hundred and four area residents participated in the 1993 Sierra Vista Town Hall to discuss the future of our community. This gathering produced a number of aggressive and challenging recommendations for our city government and our citizens to undertake.

These recommendations covered a wide range of topics including our partnership with Fort Huachuca, economic development, planning, education, youth, special needs populations, public transportation, environmental issues, public safety, and water issues.

In preparing this annual report, we as a city government want to focus on our progress on these issues and our accomplishments since the Base Realignment and Closure (BRAC) 1993. You will see projects implemented since last year such as our new public transportation system and important work in progress, especially with regard to our proactive approaches to the BRAC process, water and related growth issues, and public safety.

The Town Hall process gave us a good blueprint from which to work. While we feel good about our short-term accomplishments, much remains to do. I urge all our citizens to find issues of interest to them and become involved. Working together, we can find solutions and reach our goals for the future.

  
Jim Whitlock, City Manager



- Utilization of development regulations to guide the location and density of future development in order to minimize the impacts on existing and future water resources.
- Work with appropriate agencies and organizations on cooperative projects and funding strategies to develop necessary infrastructure to implement water resource management policies and objectives.

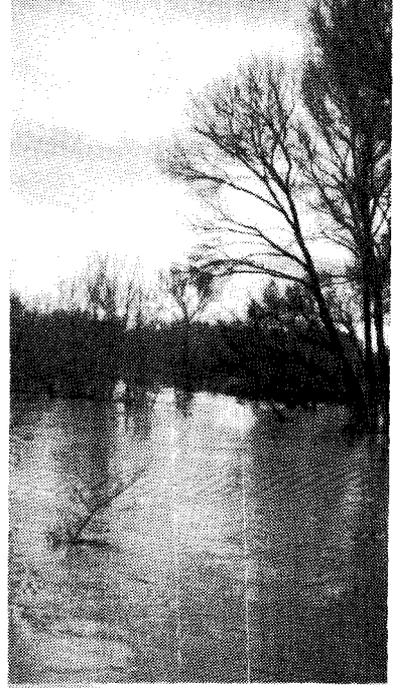
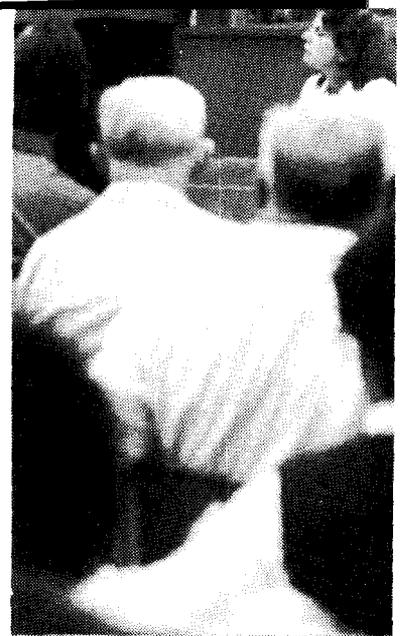
The city retained an environmental consultant who specializes in hydrologic investigations to provide the city and its major water companies with professional advice on better management of its water resources.

Resource Conservation Task Force: At the request of the mayor and city council, we formed the Resource Conservation Task Force as a subordinate element of the city's Environmental Affairs Commission to review and recommend water conservation initiatives for the community.

The task force's main focus is on water conservation techniques and options we can implement in the near term. The task force will establish an "information clearinghouse" for the community. It will provide information to the community regarding water conservation issues and/or techniques; elicit the assistance of local businesses in setting up "information booths" where citizens can pick up brochures; and develop a coordinated system for receiving inquiries from citizens and businesses and for responding to those inquiries.

### **Meeting Our Housing Needs**

Completed the first comprehensive study of the community's housing needs. Based on the study, a series of goals, priorities and strategies were adopted to assist the city in meeting its housing needs.



The Police Department has recruited and instituted volunteer programs in the area of records evidence and communications. This allows civic-minded individuals to make a meaningful contribution to resolve the crime issues in our community.

The Sierra Vista Police Department continues to actively provide up-to-date information to community organizations. Our speakers bureau provides crime information to many community service groups including Rotary, AARP and the Knights of Columbus. We also publish and distribute a department newsletter with many current topics of interest.

### **Transportation: Sierra Vistans on the Go**

In response to public demand, the City of Sierra Vista implemented a public transportation system on May 2, 1994. We purchased two nineteen-passenger buses with the assistance of a federal grant through the Arizona Department of Transportation. A third bus will be delivered in December 1994. Catholic Community Services of Cochise County operates the system which provides daily transportation for approximately 135 passengers. The system operates from 7:30 a.m. until 10:00 p.m., Monday through Friday, and from 8:00 a.m. until 5:00 p.m. on Saturday. Evening and Saturday service includes Fort Huachuca. Bus stops are located throughout the city and stop at all major retail centers, and health, educational and governmental agencies. The disabled and the elderly can receive special door-to-door service upon request.

In August, 1994, the city received a community development block grant to reconstruct six streets in the Cloud Nine subdivision. We will complete design of this project by September 30, 1994, and begin construction by February, 1995. Total estimated cost of this project is \$500,000.



Fort Huachuca is also the home of a major Defense Department testing element, the Joint Interoperability Test Center, where communications technologies from all the services are tested to ensure they can work together. In addition, it is designated the National Training Center for Unmanned Aerial Vehicles, one of the most potent military information collection systems now and into the future.

Fort Huachuca is the host to detachments from the U.S. Air Force, U.S. Marine Corps, and the U.S. Army Reserves, a field office of the Army Research Laboratory and liaison offices from as many as four allied nations. It serves as a reserve training site for units from all services from locations as distant as Missouri.

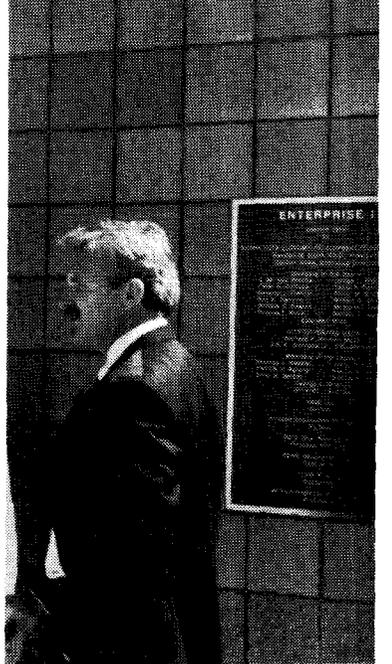
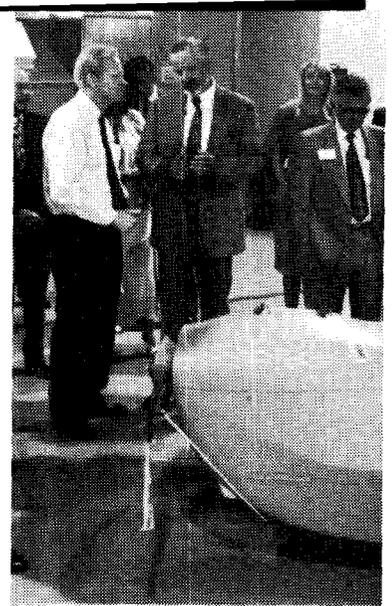
Service members from Fort Huachuca's units have supported every national emergency since Operation "Urgent Fury" (Grenada) including the hurricane which devastated southern Florida.

Another vital area is Fort Huachuca's runway, the longest in Arizona, which provides a deployment site capable of accepting the Air Force's largest transport aircraft now and into the next century. It is also designated an alternate landing site for space shuttle missions.

## CITY SERVICES

### Public Safety

The city completed the construction of the new 5,800 square foot fire station on the corner of Avenida Cochise and Paseo San Luis. This \$400,000 project included three double apparatus bays, living quarters for a 6-person crew, a classroom large enough to accommodate 15 people, and administrative offices. The new fire station dramatically improves our level of service to the fastest-growing residential area of the community - the corridor along south State Route 92. With present deployment and our automatic-aid



## Recreation

Completed construction of a new double tennis court just east of the Oscar Yrun Community Center. The State of Arizona provided \$100,000 in funding through a Heritage Fund Grant for the project.

Staff constructed a block patio in front of the city swimming pool; removed the non-repairable solar panels from behind the pool, and replaced the area with grass; constructed eight RV parking slots behind the Community Center and a sand volleyball court in Veterans' Memorial Park; and landscaped the south side of City Hall and the new volleyball court.

The Art Discovery Series offered several outstanding programs last year, in particular, the Arizona Dance on Tour which brought the Lewitzky Dance Company, a world-renowned group known for its impressionistic dance.

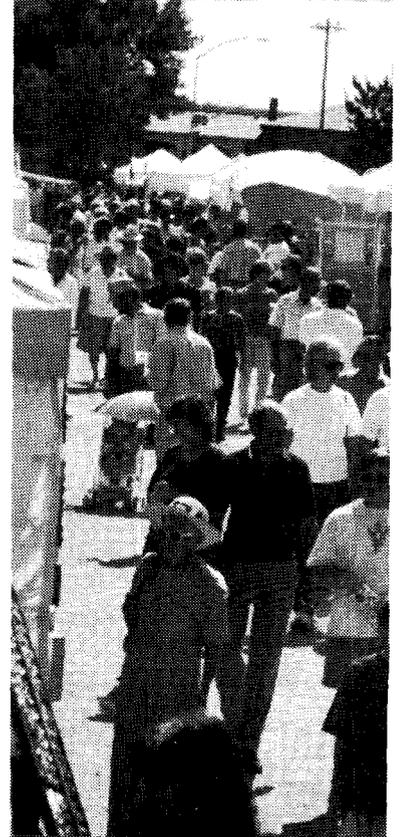
The bandshell in Veterans' Memorial Park underwent a renovation during the past year.

## Environment

Planned and installed a full-time municipal composting operation for the city which is expected to divert 5-10 percent of the waste stream (750-1,500 tons) during its first year. This is the most popular environmental program yet introduced in the community.

Community recycling program increased recycling by 34 percent by weight and 15 percent by volume over the previous year. Few programs in the state have yet exceeded a 5 percent recycling rate.

Conducted the fourth consecutive Earth Day celebration which proved to be an overwhelming success in involving our youth in environmental issues. A total of 120 classes from seven different schools received instruction on contemporary environmental issues;



patrons to analyze an area down to the census tract and block levels for detailed population description.

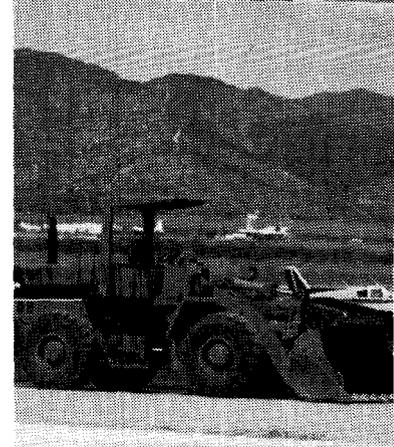
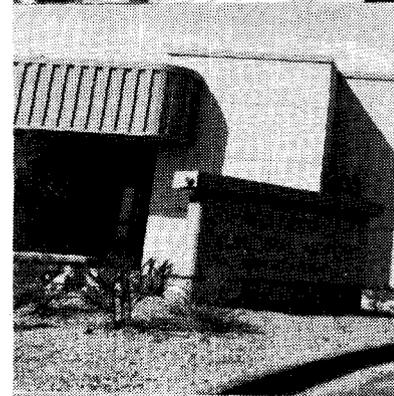
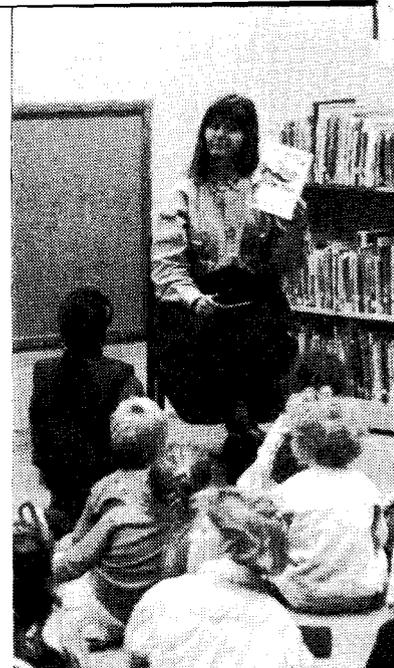
Continued refining and updating the Economic Development Information Center. The library was chosen as one of several sites throughout the state to provide information through a business reference collection.

With assistance from the County Economic Development Office, developed a "Grants Information Center" which will provide people with specific grant opportunities as well as provide information on successfully completing and submitting a grant application.

### **ECONOMIC DEVELOPMENT**

Numerous improvements were made to the Sierra Vista Municipal Airport. These improvements included a 59,600 square foot reinforced concrete aircraft apron for fixed base operator tie-down and maintenance activities, and a 45,000 square foot asphaltic concrete aircraft holding apron. The new 5,880 square foot Fixed Base Operator (FBO) hangar facility was opened in October 1993. Airport terminal parking was expanded by 71,250 square feet in February 1994. The expanded parking lot project will meet the needs at the airport for the next 15 to 20 years.

A public/private partnership resulted in the location of the new TRW Avionics and Surveillance facility in Sierra Vista. The newly-constructed 27,000 square foot facility houses the Joint Tactical Unmanned Aerial Vehicle Flight and Logistics Center. Tactical airborne reconnaissance systems produced by TRW in conjunction with Israel Aircraft Industries are being used for training on Fort Huachuca.

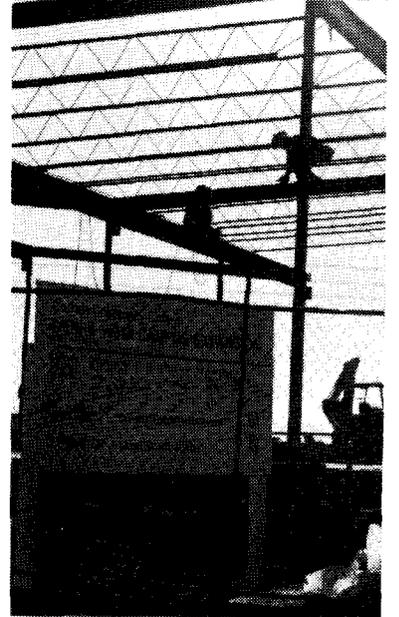
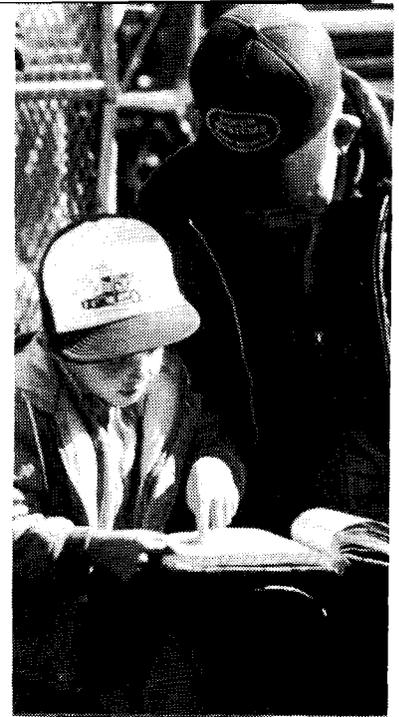


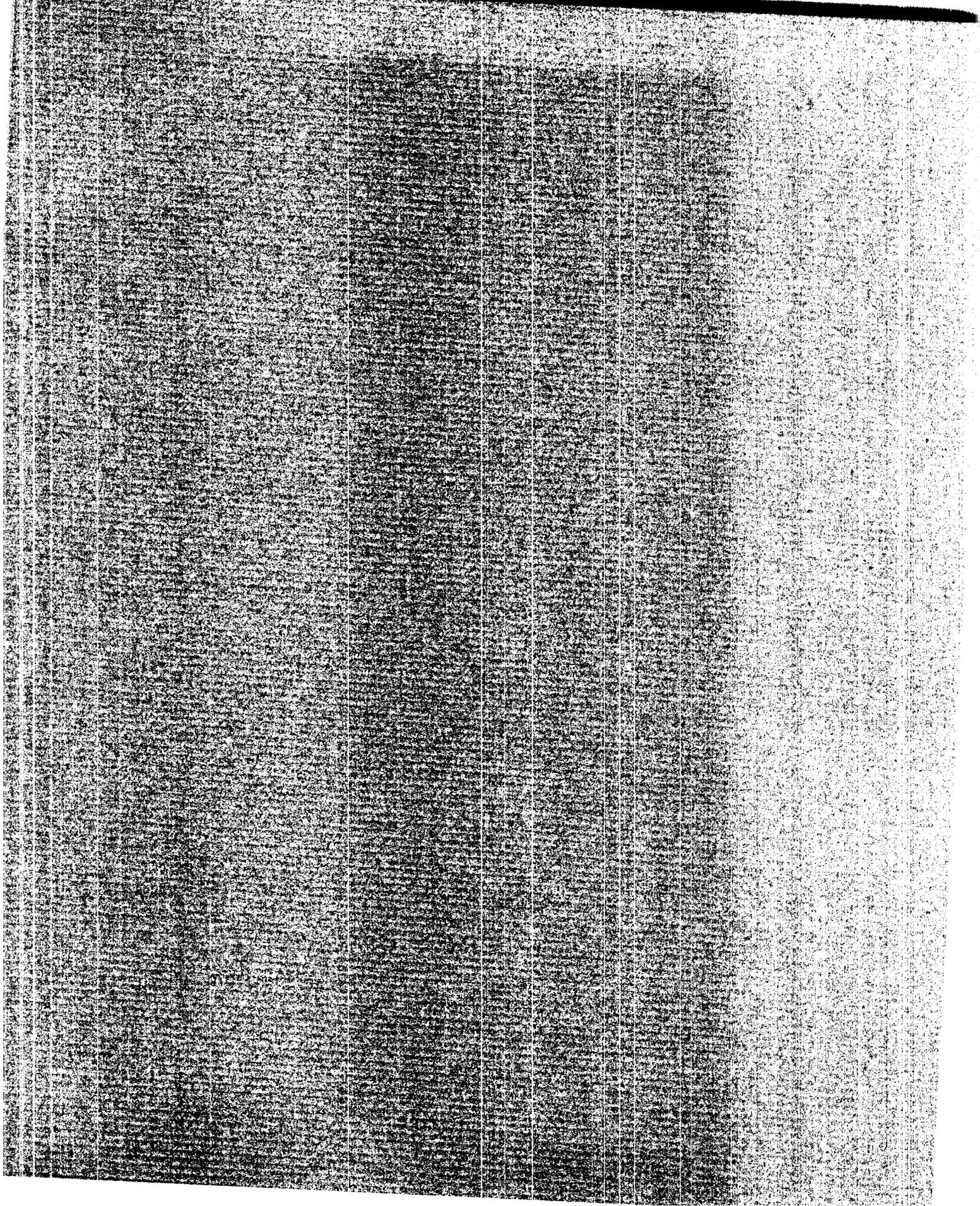
In 1992/1993, most of the 1,841 children living on Fort Huachuca attended schools on the installation. Of the 282 students living on post and attending public school within the district, the majority were high school students attending Buena High School. In addition, 1,359 students have parents who are military personnel living off post and 1,988 students whose parents are Department of Defense employees. Supplemental funds in the form of federal impact aid (\$4.4 million in 1992/1993) are given to the state and county to educate these students.

In September 1994, Cochise College, our two-year community college, broke ground on a \$4.8 million project to expand the Sierra Vista campus. Key elements include a new 22,000 square foot library, a new 16,000 square foot science building, and the remodeling of an existing building to add 6,000 square feet of new classrooms. Two new parking lots will also be constructed to accommodate increased enrollments. Construction is scheduled for completion in summer of 1995.

The need for new Cochise College facilities in Sierra Vista stems largely from increased enrollments from Fort Huachuca. During the first eight week session in fall 1994, the college offered 26 classes on Fort Huachuca, in which 447 students were enrolled. During the second eight week session, another 26 classes were offered on post, enrolling 547 students.

In response to the strong demand by the military and its sub-contractors to offer post-graduate degrees in the electronic field, The University of Arizona agreed in 1987 to expand its offerings in Sierra Vista and open an off-campus center. As part of the agreement, the community agreed to acquire land and construct a campus facility. "Project First Step" was organized in 1991 to raise contributions. Local support was overwhelming. Two years later, on August 12,





**Fort Huachuca 50**  
P.O. Box 2898  
Sierra Vista, Arizona 85636



Ted Fichtl  
*President*  
Norma Martin  
*Secretary*

Ron Slyter  
*Vice President*  
Fran Richey  
*Treasurer*

## **RESOLUTION**

**January 5, 1995**

On this date it has been resolved by the Board of the Fort Huachuca 50 to support that the legislative initiative prepared by the Sierra Vista Sub-basin Water Issues Group.

The Fort Huachuca 50 Board of Directors acknowledges the foresight the Water Issues Group legislative recommendations represent a vital aspect of the economic viability of our community and in the best interests of Fort Huachuca as an integral part of our community.

To all who read this resolution, note that the Fort Huachuca 50, the base advocacy group for Fort Huachuca, stands fully committed to preserve Fort Huachuca as the significant resource in Cochise County and Southern Arizona and a vital component of our national defense.

Theodore C. Fichtl

President

Fort Huachuca 50

# SIERRA VISTA

A R I Z O N A

ECONOMIC DEVELOPMENT FOUNDATION

## RESOLUTION #95-001

### "SUPPORT OF LEGISLATION CREATING LOCAL WATER MANAGEMENT FRAMEWORK"

*WHEREAS, the relationship between groundwater pumping and a healthy riparian ecosystem along that portion of the San Pedro River located within the San Pedro Riparian National Conservation Area is an important, but controversial issue for the residents of the Sierra Vista Subwatershed;*

*WHEREAS, existing law provides an inadequate means to effectively balance competing interests and institute an appropriate subwatershed management scheme for the water resources within the Sierra Vista Subwatershed;*

*WHEREAS, the State has previously been requested to form an Active Management Area in the Upper San Pedro Basin and has formed a study committee to study the nature and extent to which riparian protection legislation should be enacted on a statewide basis;*

*WHEREAS, failure to enact a legislative framework enabling resolution and management of water resources and water resource issues at the local level, will place additional pressure on the State to directly regulate the water resources of the Sierra Vista Subwatershed;*

*WHEREAS, water rights within the San Pedro River Watershed are currently being litigated as part of the Gila River General Adjudication which, when finalized may leave the management of significant portion of the area's water resources to the Court;*

*WHEREAS, a concept paper for water management legislation has been developed by the Water Issues Group composed of persons and entities representative of the diverse interests in water resources throughout the Subwatershed; and*

*WHEREAS, the concept paper sets forth a management goal and a framework to locally develop and resolve water management issues for the Sierra Vista Subwatershed and is being developed into proposed legislation.*

*NOW, THEREFORE, BE IT RESOLVED, that the concept of resolving and managing the water resource issues and water resources within the Sierra Vista Subwatershed by the local communities, entities and persons affected thereby be and hereby is supported;*

*BE IT FURTHER RESOLVED, that the "Concept Paper for Water Management Legislation" developed by the Water Issues Group is found to be a sound foundation upon which to create a legislative framework to permit local resolution and management of water issues and water resources;*

*BE IT FURTHER RESOLVED, that the management goal: "To develop and implement a management plan for the Sierra Vista Subwatershed which protects riparian resources including the surface water flow in the San Pedro RNCA; provides a reliable supply of water to residents, as necessary to promote and support a diverse and sustainable economy; and which incorporates measurable, verifiable, objective standards linked to time-specific intermediate goals to reduce significantly the water deficit" is found to represent a sound balance between the competing water interests in the Sierra Vista Subwatershed and should be incorporated in any such legislation;*

*BE IT FURTHER RESOLVED, that legislation enabling the communities, entities and persons located within the Sierra Vista Subwatershed to effectively deal with their water resources and related issues now and in the future, should be enacted and be effective as soon a practicable.*

DATED this 5 day of January, 1995.

Randall H. Groth  
Randall H. Groth, SVEDF Board President

Robert B. Strain  
Robert Strain, SVEDF Board Secretary

# Board of Supervisors

Tony Saracino  
Chairman,  
District 1

Mike Palmer  
District 2

Leslie E. Thompson  
District 3



Jody N. Klein  
County Administrator

Nadine Parkhurst  
Clerk

## RESOLUTION NO. 94 - 104

### SUPPORT OF A LOCAL WATER MANAGEMENT FRAMEWORK

**WHEREAS**, the relationship between groundwater pumping and a healthy riparian ecosystem along that portion of the San Pedro River located within the San Pedro Riparian National Conservation Area is an important, but controversial issue for the residents of the Sierra Vista Subwatershed;

**WHEREAS**, existing law provides an inadequate means to effectively balance competing interests and institute an appropriate Subwatershed management scheme for the water resources within the Sierra Vista Subwatershed;

**WHEREAS**, failure to enact a legislative framework enabling resolution and management of water resources and water resource issues at the local level, will place additional pressure on the State to directly regulate the water resources of the Sierra Vista Subwatershed;

**WHEREAS**, water rights within the San Pedro River Watershed are currently being litigated as part of the Gila River General Adjudication which, when finalized, may leave the management of a significant portion of the area's water resources to the Court;

**WHEREAS**, a concept paper for water management legislation has been developed by the Water Issues Group composed of persons and entities representative of the diverse interests in water resources throughout the Subwatershed; and

**WHEREAS**, the Water Issues Group has developed a concept paper that sets forth a management goal and a framework to locally develop and resolve water management issues for the Sierra Vista Subwatershed;

**WHEREAS**, legislation on the management of water in the Sierra Vista Subwatershed is being developed, and whereas this resolution shall not be construed in any manner as an endorsement of any specific legislation, since enactment of any specific legislation shall require significant discussion and considerable public input;

NOW, THEREFORE, BE IT RESOLVED, that the concept of resolving and managing the water resource issues and water resources within the Sierra Vista Subwatershed by the local communities, entities and persons affected thereby be and hereby is supported;

BE IT FURTHER RESOLVED, that, to the extent necessary, that legislation enabling the communities, entities and persons located within the Sierra Vista Subwatershed to effectively deal with their water resources and related issues on a local level be enacted.

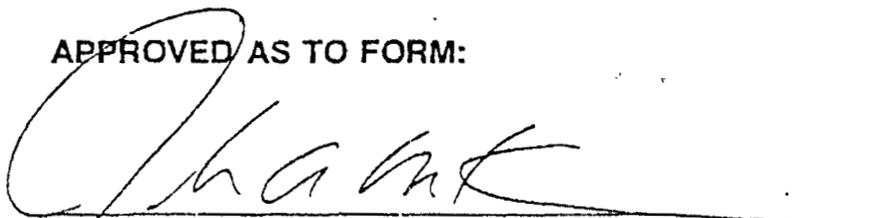
DATED this 27th day of December, 1994.

  
\_\_\_\_\_  
Tony Saracino, Chairman  
Board of Supervisors

ATTEST:

  
\_\_\_\_\_  
Nadine Parkhurst, Clerk of the Board

APPROVED AS TO FORM:

  
\_\_\_\_\_  
John MacKinnon, Deputy County Attorney

# SIERRA VISTA

A R I Z O N A

YOUR AREA CHAMBER OF COMMERCE

77 CALLE PORTAL, SUITE A-140  
SIERRA VISTA, ARIZONA 85635  
(602) 458-6940 • 1-800-288-3861

TOURISM & VISITOR'S CENTER

## RESOLUTION

### IN SUPPORT OF LEGISLATION CREATING LOCAL WATER MANAGEMENT FRAMEWORK

WHEREAS, the relationship between groundwater pumping and a healthy riparian ecosystem along that portion of the San Pedro River located within the San Pedro Riparian National conservation of the Sierra Vista Subwatershed;

WHEREAS, existing law provides an inadequate means to effectively balance competing interests and institute an appropriate subwatershed management scheme for the water resources within the Sierra Vista Subwatershed;

WHEREAS, the State has previously been requested to form an Active Management Area in the Upper San Pedro Basin and has formed a study committee to study the nature and extent to which riparian protection legislation should be enacted on a statewide basis;

WHEREAS, failure to enact a legislative framework enabling resolution and management of water resources and water resource State to directly regulate the water resources of the Sierra Vista Subwatershed;

WHEREAS, water rights within the San Pedro River watershed are currently being litigated as part of the Gila River General Adjudication which, when finalized, may leave the management of a significant portion of the area's water resources to the Court;

WHEREAS, a concept paper for water management legislation has been developed by the Water Issues Group composed of persons and entities representative of the diverse interests in water resources throughout the Subwatershed; and,

WHEREAS, the concept paper sets forth a management goal and a framework to locally develop and resolve water management issues for the Sierra Vista Subwatershed and is being developed into proposed legislation.

NOW, THEREFORE, BE IT RESOLVED, that the concept of resolving and managing the water resource issues and water resources within the Sierra Vista Subwatershed by the local communities, entities and persons affected thereby be and hereby is supported;

BE IT FURTHER RESOLVED, that the "Concept Paper for Water Management Legislation" developed by the Water Issues Group is found to be a sound foundation upon which to create a legislative framework to permit local resolution and management of water issues and water resources;

BE IT FURTHER RESOLVED, that the management goal: "To develop and implement a management plan for the Sierra Vista Subwatershed which protects riparian resources including the supply of water to residents, as necessary to promote and support a diverse and sustainable economy; and which incorporates measurable, verifiable, objective standards linked to time-specific intermediate goals to reduce significantly the water deficit," is found to represent a sound balance between the competing water interests in the Sierra Vista Subwatershed and should be incorporated in any such legislation;

BE IT FURTHER RESOLVED, that legislation enabling the communities, entities and persons located within the Sierra Vista Subwatershed to effectively deal with their water resources and related issues now and in the future, should be enacted and be effective as soon as practicable.

DATED this 21 day of DECEMBER, 1994.



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Keith Newlon, President  
Sierra Vista Chamber of Commerce