



GN 12

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333 - 0001



REPLY TO
ATTENTION OF

AMCSO

15 July 1994

MEMORANDUM FOR CHRISTEL M. HIGNETT, ARMY BASING STUDY OFFICE,
200 ARMY PENTAGON, WASHINGTON, DC 20310-0200

SUBJECT: BRAC 95 DATA CALL #1

1. Reference letter, HQDA, 12 July 1994, SAB.
2. Attached as enclosure is the explanation for Charles Melvin Price Support Center and Selfridge on Army Family Housing.
3. The point of contact for this action is Mr. Paul Mui, 274-8155.
4. AMC - America's Arsenal for the Brave.

encl
as


MICHAEL C. SANDUSKY
Chief,
Special Analysis Office

SUBJECT: BRAC 95 DATA CALL #1

VERIFICATION OF ASSETS FOR CHARLES MELVIN PRICE SUPPORT CENTER

DD1410 reports 164 Dwelling Units
Real Property Records show Building 63 (catcode 71114) as having
a capacity of 6 when capacity is actually 4.

Inventory records will be corrected to reflect 4 during next
qtrly update (30 Jun 94) per Housing Manager, Janice Cook.

Available Family Housing:

164 ON-POST
313 OFF-POST
477 TOTAL

D-PAD

BARRACKS Information:

108 barracks spaces based on the new construction standard.
(65 currently reported on DD2085).

VERIFICATION OF ASSETS FOR SELFRIDGE AIR NATIONAL GUARD BASE

DD1410 reports 967 dwelling units as of 30 Sep 93.

2 buildings to be demolished in 94.

Available Family Housing:

965 ON-POST
781 OFF-POST
1746 TOTAL

D-PAD

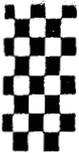
BARRACKS Information:

0 barracks spaces belong to the Army at Selfridge.

258 " " utilized by soldiers at Selfridge belong
to the Air National Guard.

INFORMATION ABOVE IS TO THE BEST OF MY KNOWLEDGE BASED ON REPORTS
AND REVIEW OF REAL PROPERTY/RPLANS AND ASIP DATA. THE
INFORMATION LISTED ABOVE HAS BEEN SENT TO THE INSTALLATIONS FOR
VERIFICATION.


SANDY SHEPPARD
AMC HSG TEAM CHIEF



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*D-PAD
7/14*

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VERIFICATION.

OPTIONAL FORM 99 (7-90)

X TRANSMITTAL

of pages 1

| | | | |
|--------------|------------------|---------|----------------|
| To | Christel Dignett | From | Sandy Sheppard |
| Dept./Agency | TABS Office | Phone # | 274-9013 |
| Fax # | 693-9322 | Fax # | 274-3895 |

Sandy Sheppard
SANDY SHEPPARD
AMC HSG TEAM CHIEF

PRICE : 164 on post
 313 off post
 477 Total

SELFRIDGE: 965 ON-POST
 781 OFF-POST
 1746 Total

She had given us 0 for Selfridge off-post because #'s were not validated.

all Mini be working this

July 12, 1994

SUBJECT: BRAC 95 I

TO: Mr. Daryl Powell

Dear Mr. Powell,

This is in reference to the Command & Control/Administrative Support Installations Data Call #1 submission.

Subject data call asked for Army Family Housing and Unaccompanied Enlisted and Officer Personnel Housing on Post, and the availability of off-post housing at each installation. The AMC installations that fit into this category are the TACOM Support Center at Selfridge, and the C.M. Price Support Center.

Attached copy of the HQRPLAN shows these attributes as they are listed in the HQRPLAN. Please review your input (attached) and provide the following information:

- a. Explanation of why the numbers are different (especially where a sizeable difference exists).
- b. Provide number of off-post housing available and/or explain why your number is 0.

Due to my suspense to complete the data call #1 survey, I need your response NLT July 13, 1994. I appreciate your help in providing this information. Please call me at 693-0077/78 if you have any questions.

Christel Hignett
 Christel M. Hignett
 Analyst

PRICE = 164 on-post
 off-post : 313
 477
 Sandy Stewart

Selfridge
 ON-POST 965
 OFF-POST 781 30 Mi radius

Circle AFB
 ...

SUFFICIENT ON-POST QT
 NOT VALIDATED

CLOSE HOLD

FAMILY HOUSING

1. **DEFINITION:** Number of permanent, adequate family dwelling units (on and off-post).
2. **PURPOSE:** To measure the total availability of living quarters for married/single parent soldiers and their families.
3. **METHODOLOGY:** Family Housing (AFH) information is obtained from the installations' segmented housing market analysis and adjusted with FY 90 Census and local installation data, DD Form 1523, Military Family Housing Justification, and DD 1410 Family Housing Inventory and Occupancy Report (validated by DAIM-FDH-M) by using HQRPLANS. Family housing assets in HQRPLANS include both government controlled assets and the installation's expected share of local economy assets. FCGs for family dwelling units are 7110F for on-post and 7.0P for off-post. Planned FY92-96 construction projects are counted as existing projects in HQRPLANS.
4. **REFERENCES:** AR 415-15, AR 210-50, April 1994 HQRPLANS.
5. **UNIT OF MEASURE:** Total number of family dwelling units.
6. **EQUATION:** Summation.
7. **CRITERION SCORING:** Higher number is a better ranking.

6740 -- US Army Garrison Selfridge

Database
Ver 4.1

| DESCRIPTION | FCG | FCG DESCRIPTION | DESIG USE | DESIGN USE | UM | PERM ASSETS | PLANNED FY 92-96 CONST PROJ | TOTAL ASSETS |
|---------------------------------------|-------|-----------------|-----------|----------------|----|-------------|-----------------------------|--------------|
| | 7240P | OFF UPH | PN 72411 | OFF QTRS TRAN | PN | 28 | 0 | 28 |
| ***** | | sum | | | | 28 | 0 | 28 |
| ***** | | | | | | 28 | 0 | 28 |
| Housing FAM HOUSING & BRACERICS | 7110F | FAMILY HOUSING | FA 71111 | GENERAL | FA | 3 | 0 | 3 |
| | | | 71112 | COLONEL | FA | 59 | 0 | 59 |
| | | | 71115 | NCO/ENLISTED | FA | 118 | 0 | 118 |
| | | | 71123 | LTC/MAJOR | FA | 54 | 0 | 54 |
| | | | 71124 | COM GRD/NO | FA | 107 | 0 | 107 |
| | | | 71125 | NCO/ENLISTED | FA | 217 | 0 | 217 |
| | | | 71135 | NCO/ENLISTED | FA | 416 | 0 | 416 |
| ***** | | sum | | | | 974 | 0 | 974 |
| | 7240P | OFF UPH | PN 72411 | OFF QTRS TRAN | PN | 28 | 0 | 28 |
| ***** | | sum | | | | 28 | 0 | 28 |
| ***** | | | | | | 1,002 | 0 | 1,002 |
| Vehicle | 21420 | VEH MNT SH DS | SF 21430 | VEH MNT SH GS | SF | 32,535 | 0 | 32,535 |
| ***** | | sum | | | | 32,535 | 0 | 32,535 |
| | 21900 | MNT INST O&R | SF 21910 | FE MAINT SHOP | SF | 6,037 | 0 | 6,037 |
| | | | 21920 | FE FACILITY | SF | 10,086 | 0 | 10,086 |
| ***** | | sum | | | | 16,123 | 0 | 16,123 |
| ***** | | | | | | 48,658 | 0 | 48,658 |
| | 44200 | GEN P WH-INST | SF 44222 | STORAGE SHED | SF | 0 | 0 | 8,950 |
| | | | 44270 | GEN STOR FH | SF | 1,317 | 0 | 1,317 |
| | | | 44275 | FE STOREHOUSE | SF | 33,784 | 0 | 34,081 |
| | | | 44290 | OTHER | SF | 54 | 0 | 150 |
| | | | 74000 | EXCH WAREHOUSE | SF | 6,399 | 0 | 6,399 |
| ***** | | sum | | | | 41,554 | 0 | 52,911 |
| ***** | | | | | | 41,554 | 0 | 52,911 |

DESIGN USE CC DESCRIPTION PERM ASSETS PLANNED FY 92-96 QONST PROJ TOTAL ASSETS

42200 AMMO STOR-INST SF 42200 GEN PURP MAG SF 365 0

 sum 365 0

 ***** ** 365 0

7210S ENL UPH (PLNG) PN 65 0

 sum 65 0

7240P OFF UPH PN 7240P OFF QTRS MIL PN 8 0

 sum 8 0

 ***** ** 73 0

Housing
FAMILY HOUSING
& BARRACKS

7110F FAMILY HOUSING FA 71111 GENERAL FA 6 0
 71114 COM ORD/HO FA 56 0
 ALL ENCO/ENLISTED FA 104 0

 sum 166 0

6
 56
 104
 166

7210S ENL UPH (PLNG) PN 65 0

 sum 65 0

65
 65

7240P OFF UPH PN 7240P OFF QTRS MIL PN 8 0

 sum 8 0

8
 8

 ***** ** 239 0

ance

~~21110 MNT HANGAR AVUM SF 21110 MNT HANGAR AVUM SF 0 0 22~~
~~*****~~
~~sum 0 0 22~~

~~21409 AR MAINT FAC SF 21409 AR VEH MNT SHOP SF 0 0 17~~
~~*****~~
~~sum 0 0 17~~

~~21420 VEH MNT SH DS SF 21420 VEH MNT SH DS SF 0 0 22~~
~~*****~~
~~sum 0 0 22~~

21800 SP PURP MNT SHP SF 21800 MNT SH GEN PURP SF 64,711 0 64

CLOSEHOLD

COMMAND AND CONTROL

INSTALLATION = TACOM SUPPORT CENTER

MISSION REQUIREMENTS AND OPERATIONAL READINESS

RESERVE TRAINING

ANNUAL TRAINING 6087 PERSONS
INACTIVE DUTY TRAINING 292176 MANDAYS

OPS/ADMIN FACILITIES ✓ 77K SQ FT

INFORMATION MISSION AREA ✓ 45 PTS

TELEPHONE SWITCHING 0 PTS
OUTSIDE CABLE PLANT 0 PTS
COMMON USER SUPPORT 0 PTS
DSN/DDN NODE 0 PTS
POST WIDE WAN/LAN 45 PTS
TCC 0 PTS
VTC 0 PTS

ACCESSIBILITY 5 MI

BARRACKS AND FAMILY HOUSING

AFH ✓ 965 UNITS
UPH ✓ 258 SPACES

LAND AND FACILITIES

PERCENT PERMANENT FACILITIES ✓ 100 %

AVERAGE AGE OF FACILITIES 27 YRS

INFRASTRUCTURE

WATER SUPPLY CAPACITY ✓ 1.50 MGD
SEWAGE TREATMENT CAPACITY ✓ 0.63 MGD
ELECTRICAL CAPACITY 63
SOLID WASTE LANDFILL COSTS \$28.00/TON

MAINTENANCE FACILITIES ✓ 49K SQ FT

SUPPLY AND STORAGE FACILITIES 53K SQ FT

CLOSEHOLD

CLOSEHOLD

COMMAND AND CONTROL

INSTALLATION = C M PRICE SUPPORT CENTER

MISSION REQUIREMENTS AND OPERATIONAL READINESS

RESERVE TRAINING

ANNUAL TRAINING 2400 PERSONS
INACTIVE DUTY TRAINING 34600 MANDAYS

OPS/ADMIN FACILITIES 58K SQ FT

INFORMATION MISSION AREA 620 PTS

TELEPHONE SWITCHING 0 PTS
OUTSIDE CABLE PLANT 0 PTS
COMMON USER SUPPORT 450 PTS
DSN/DDN NODE 50 PTS
POST WIDE WAN/LAN 45 PTS
TCC 75 PTS
VTC 0 PTS

ACCESSIBILITY 42.25 MI

BARRACKS AND FAMILY HOUSING

AFH 477 UNITS
UPH 108 SPACES

LAND AND FACILITIES

PERCENT PERMANENT FACILITIES 89 %

AVERAGE AGE OF FACILITIES 47 YRS

INFRASTRUCTURE

WATER SUPPLY CAPACITY 0.09 MGD
SEWAGE TREATMENT CAPACITY 0.10 MGD
ELECTRICAL CAPACITY 13
SOLID WASTE LANDFILL COSTS \$33.24/TON

MAINTENANCE FACILITIES 65K SQ FT

SUPPLY AND STORAGE FACILITIES 2130K SQ FT

CLOSEHOLD

CLOSE HOLD

*Selbridge
Warren, Mi*

COMMAND AND CONTROL

INSTALLATION = TACOM SUPPORT CENTER

MISSION REQUIREMENTS AND OPERATIONAL READINESS

RESERVE TRAINING

ANNUAL TRAINING 6087 PERSONS
INACTIVE DUTY TRAINING 292176 MANDAYS

OPS/ADMIN FACILITIES ✓ 77K SQ FT

INFORMATION MISSION AREA ✓ 45 PTS

TELEPHONE SWITCHING 0 PTS
OUTSIDE CABLE PLANT 0 PTS
COMMON USER SUPPORT 0 PTS
DSN/DDN NODE 0 PTS
POST WIDE WAN/LAN 45 PTS
TCC 0 PTS
VTC 0 PTS

ACCESSIBILITY 5 MI

BARRACKS AND FAMILY HOUSING

AFH ✓ 965 UNITS
UPH ✓ 258 SPACES

LAND AND FACILITIES

PERCENT PERMANENT FACILITIES ✓ 100 %

AVERAGE AGE OF FACILITIES *used these #'s* 27 YRS

INFRASTRUCTURE

WATER SUPPLY CAPACITY ✓ 1.50 MGD
SEWAGE TREATMENT CAPACITY ✓ 0.63 MGD
ELECTRICAL CAPACITY 63
SOLID WASTE LANDFILL COSTS ✓ \$28.00/TON

MAINTENANCE FACILITIES ✓ 49K SQ FT

SUPPLY AND STORAGE FACILITIES ✓ 53K SQ FT

*DA #'s
very different*

CLOSE HOLD

CLOSE HOLD

ENVIRONMENTAL CAPACITY

| | | |
|--------------------------------------|---|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | ✓ | .20 |
| ENDANGERED SPECIES | ✓ | 0 |
| WETLANDS FACTOR | ✓ | .11 |
| AIR QUALITY | ✓ | 10 |
| WATER QUALITY | ✓ | 0 |
| NOISE QUALITY | | |
| AICUZ ZONE II OFF POST | ✓ | 0 ACRES |
| AICUZ ZONE III OFF POST | ✓ | 0 ACRES |
| CONTAMINATED SITE IRP | ✓ | 1 |
| CONTAMINATED SITE NPL | ✓ | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

MOBILIZATION CAPABILITY

| | | |
|----------------------|---|------------------|
| MOBILIZATION BILLETS | ✓ | 0 |
| DEPLOYMENT NETWORK | | |
| RAILHEAD | | 10 MILES |
| AIRPORT | | 3 MILES |
| SEAPORT | | 0 MILES |
| HIGHWAY | | 10 MILES |
| RANGES | ✓ | 1 |
| WORK SPACE | | 85K SQ FT |
| BUILDABLE ACRES | ✓ | 100 ACRES |
| ENCROACHMENT | | 1094.8 POP/SQ MI |

*maneuver Acres
recharged Acres*

COST AND MANPOWER

| | | | |
|---------------------------|--|-----------------|---|
| COST OF LIVING INDEX | | \$714.97 | <i>> significantly different</i> |
| VHA FACTOR | | \$714.97 | |
| HOUSING COST PER DU | | \$5855.00 | |
| LOCALITY PAY FACTOR | | 1.0484 | |
| MCA COST FACTOR | | 1.21 | |
| BASOPS/MISSION POPULATION | | | |
| PAYROLL | | \$2996764 | |
| NON PAYROLL | | \$2386159 | |
| MISSION POPULATION | | DA WILL PROVIDE | |

*used
DA numbers*

CLOSE HOLD

CLOSE HOLD

COMMAND AND CONTROL

INSTALLATION = C M PRICE SUPPORT CENTER

MISSION REQUIREMENTS AND OPERATIONAL READINESS

RESERVE TRAINING

| | |
|------------------------|---------------|
| ANNUAL TRAINING | 2400 PERSONS |
| INACTIVE DUTY TRAINING | 34600 MANDAYS |

| | |
|----------------------|-----------|
| OPS/ADMIN FACILITIES | 58K SQ FT |
|----------------------|-----------|

| | |
|--------------------------|---------|
| INFORMATION MISSION AREA | 620 PTS |
|--------------------------|---------|

| | |
|---------------------|---------|
| TELEPHONE SWITCHING | 0 PTS |
| OUTSIDE CABLE PLANT | 0 PTS |
| COMMON USER SUPPORT | 450 PTS |
| DSN/DDN NODE | 50 PTS |
| POST WIDE WAN/LAN | 45 PTS |
| TCC | 75 PTS |
| VTC | 0 PTS |

| | |
|---------------|----------|
| ACCESSIBILITY | 42.25 MI |
|---------------|----------|

BARRACKS AND FAMILY HOUSING

| | |
|-----|------------|
| AFH | 477 UNITS |
| UPH | 108 SPACES |

LAND AND FACILITIES

| | |
|------------------------------|------|
| PERCENT PERMANENT FACILITIES | 89 % |
|------------------------------|------|

| | |
|---------------------------|--------|
| AVERAGE AGE OF FACILITIES | 47 YRS |
|---------------------------|--------|

INFRASTRUCTURE

| | |
|----------------------------|-------------|
| WATER SUPPLY CAPACITY | 0.09 MGD |
| SEWAGE TREATMENT CAPACITY | 0.10 MGD |
| ELECTRICAL CAPACITY | 13 |
| SOLID WASTE LANDFILL COSTS | \$33.24/TON |

| | |
|------------------------|-----------|
| MAINTENANCE FACILITIES | 65K SQ FT |
|------------------------|-----------|

| | |
|-------------------------------|-------------|
| SUPPLY AND STORAGE FACILITIES | 2130K SQ FT |
|-------------------------------|-------------|

*Used
these #'s*

}

*HORPLAN
is different*

changed to 13000

CLOSE HOLD

CLOSE HOLD

ENVIRONMENTAL CAPACITY

| | |
|---------------------------------------|---------|
| ARCHAEOLOGY/HISTORIC BUILDINGS FACTOR | 0 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | .007 |
| AIR QUALITY | 10 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 0 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

MOBILIZATION CAPABILITY

| | |
|---------------------|-------------------------------------|
| MOBILIZATION BILLET | 30 |
| DEPLOYMENT NETWORK | |
| RAILHEAD | 3 MILES |
| AIRPORT | 22 MILES |
| SEAPORT | 0 MILES |
| HIGHWAY | 5 MILES |
| RANGES | 1 |
| WORK SPACE | 110K SQ FT |
| BUILDABLE ACRES | 190 ACRES |
| ENCROACHMENT | <i>used DA #'s</i> 389.88 POP/SQ MI |

COST AND MANPOWER

| | |
|---------------------------|-----------------|
| COST OF LIVING INDEX | \$275.75 |
| VHA FACTOR | \$275.75 |
| HOUSING COST PER DU | \$6772.00 |
| LOCALITY PAY FACTOR | 1.0309 |
| MCA COST FACTOR | 1.14 |
| BASOPS/MISSION POPULATION | |
| PAYROLL | \$7221855 |
| NON PAYROLL | \$5173940 |
| MISSION POPULATION | DA WILL PROVIDE |

used DA #'s }

CLOSE HOLD

COMMAND AND CONTROL

INSTALLATION = TACOM SUPPORT CENTER

Self-frag

MISSION REQUIREMENTS AND OPERATIONAL READINESS

RESERVE TRAINING

ANNUAL TRAINING 6087 PERSONS
INACTIVE DUTY TRAINING 292176 MANDAYS

OPS/ADMIN FACILITIES 77K SQ FT

INFORMATION MISSION AREA 45 PTS

TELEPHONE SWITCHING 0 PTS
OUTSIDE CABLE PLANT 0 PTS
COMMON USER SUPPORT 0 PTS
DSN/DDN NODE 0 PTS
POST WIDE WAN/LAN 45 PTS
TCC 0 PTS
VTC 0 PTS

ACCESSIBILITY 5 MI

BARRACKS AND FAMILY HOUSING

AFH 965 UNITS
UPH 258 SPACES X

LAND AND FACILITIES

PERCENT PERMANENT FACILITIES 100 %

AVERAGE AGE OF FACILITIES 27 YRS

INFRASTRUCTURE

WATER SUPPLY CAPACITY 1.50 MGD
SEWAGE TREATMENT CAPACITY 0.63 MGD
ELECTRICAL CAPACITY 63
SOLID WASTE LANDFILL COSTS \$28.00/TON

MAINTENANCE FACILITIES 49K SQ FT

SUPPLY AND STORAGE FACILITIES 53K SQ FT

CLOSE HOLD

CLOSE HOLD

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .20 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | .11 |
| AIR QUALITY | 10 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 1 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

MOBILIZATION CAPABILITY

| | |
|----------------------|------------------|
| MOBILIZATION BILLETS | 0 |
| DEPLOYMENT NETWORK | |
| RAILHEAD | 10 MILES |
| AIRPORT | 3 MILES |
| SEAPORT | 0 MILES |
| HIGHWAY | 10 MILES |
| RANGES | 1 |
| WORK SPACE | 85K SQ FT |
| BUILDABLE ACRES | 100 ACRES |
| ENCROACHMENT | 1094.8 POP/SQ MI |

COST AND MANPOWER

| | |
|---------------------------|-----------------|
| COST OF LIVING INDEX | \$714.97 |
| VHA FACTOR | \$714.97 |
| HOUSING COST PER DU | \$5855.00 |
| LOCALITY PAY FACTOR | 1.0484 |
| MCA COST FACTOR | 1.21 |
| BASOPS/MISSION POPULATION | |
| PAYROLL | \$2996764 |
| NON PAYROLL | \$2386159 |
| MISSION POPULATION | DA WILL PROVIDE |

CLOSE HOLD

Document Separator



FROM :



REPLY TO ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY FORCES COMMAND
FORT MCPIERSON, GEORGIA 30330-6000



AUG 12 1994

AFPI-BC (5-10c)

MEMORANDUM FOR DEPARTMENT OF THE ARMY, DIRECTOR OF
MANAGEMENT, ATTN: DACS-TABS, WASHINGTON,
DC 20310-0200

SUBJECT: Decision-PAD (D-PAD) Run by The Army Basing Study
(TABS)

1. Reference memorandum, DACS-DM, 21 Jul 94, SAB.
2. Comments to above reference are furnished at enclosure.

Encl

Joseph H. Plunkett
 JOSEPH H. PLUNKETT
 Chief, Base Realignment and
 Closure Division

*I did not change any #'s in D-PAD
 off-post housing; we go with HORPLEANS
 Bunette*

OPTIONAL FORM 95 (7-90)

FAX TRANSMITTAL

of pages 4

| | |
|-------------------------------------|--------------------------------|
| To <i>MAT SHUMATE</i> | From <i>Joe Plunkett</i> |
| Dept./Agency <i>HR DA TABS</i> | Phone # <i>DSN 367-5524</i> |
| Fax # <i>73-693-9522/DSN 223</i> | Fax # |

FROM

1994.08-19

13:39

M151 P.02/84

CLOSE HOLD

MANEUVER

FORT BRAGG

ATTRIBUTE:

BARRACKS AND AFH

Number should be 41,368 instead of 41,358.

FORT HOOD

ATTRIBUTE:

FAM HSG COST/UNIT

Number should be \$5,272 instead of \$5,064.

MAJOR TRAINING

FORT POLK

No data provided except sub-model.

FORT PICKETT

ATTRIBUTE:

BARRACKS

Number should be 47 instead of 37. ✓

FORT DIX

ATTRIBUTE:

MOUT

Should be a Yes instead of a No.

MOB CAPABILITY - DEPLOYMENT NETWORK SUB-ELEMENT

| | SHOULD | INSTEAD |
|----------------|--------|---------|
| | BE | OF |
| FORT DIX | 9.7 | 4.0 |
| FIG | 8.7 | 6.3 |
| IRWIN | 4.8 | .8 |
| McCOY | 8.8 | 6.6 |
| PICKETT | 7.8 | 5.8 |
| POLK | 7.9 | 6.5 |
| HUNTER LIGGETT | 7.1 | 0.0 |

COMMAND AND CONTROL

FORT GILLEM

ATTRIBUTE:

OP/ADMIN FACILITIES

Number should be 244 instead of 156.

UPH + AFH

Number should be 13,615 instead of 4,565.

CLOSE HOLD

encl 1

CLOSE HOLD**CAPACITY ELECT**

Number should be 22,400 instead of 22,000.

FORT HAMILTON**ATTRIBUTE:****UPH + AFH**

Number should be 822 instead of 1,556.

ARCH/HIST BLDGS

Number should be .07344 instead of .07345.

FORT McPHERSON**ATTRIBUTE:****UPH + AFH**

Number should be 14,264 instead of 9,607.

PRESIDIO OF SAN FRANCISCO**ATTRIBUTE:****UPH + AFH**

Number should be 720 instead of 1,643.

No sub-model data was provided for Presidio of San Francisco.

TRAINING SCHOOL**FORT SAN HOUSTON****ATTRIBUTE:****FAMILY HOUSING**

Appears off-post housing was not included since number on report is only on-post housing. Total number should be 4,266.

BUILDABLE ACRES

Number should be 616. This reversal of numbers was found by AAA and we were told would be changed from their report.

IMPACT AREA

Number of impact acres should be 5,892. This reversal of numbers was found by AAA and we were told would be changed from their report.

RANGES

Although there were only numbers provided with no identification as to the sub-model or the specific attribute, it appears that the sub-element for Number of MPRC has been changed to a Yes and No answer with the 0 answer becoming a No.

CLOSE HOLD

CLOSE-HOLD**MECHANIZED MANEUVER ACRES**

Number should be 20,000 instead of 0.

ENVIRONMENTAL CARRYING CAPACITY

Although there were only numbers provided with no identification as to the sub-model or the specific sub-element, it appears that the sub-element for Air Quality has been changed to a Yes and No answer with the 1 answer becoming a Yes.

MOBILIZATION CAPABILITY

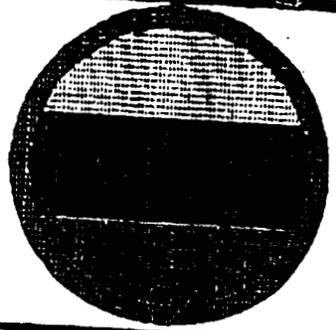
Only numbers were provided with no identification as to the sub-model or the specific sub-element, it appears that the numbers input were 20,000 acres for sub-element Net Maneuver Acres and 0 for sub-element Contiguous Maneuver Acres. The acreage number should be 20,000 for Contiguous Maneuver, Mechanized Maneuver or Net Maneuver.

CLOSE HOLD

1994.07-27 07:35 #017 P.01.01



HEADQUARTERS FORSCOM
DEPUTY CHIEF OF STAFF FOR
PERSONNEL & INSTALLATION MANAGEMENT
BASE REALIGNMENT & CLOSURE DIVISION



TO:
CHRISTEL HIGNETT
HQDA
TABBS

| FAX TELEPHONE NUMBER | VOICE TELEPHONE NUMBER | DATE/TIME /GROUP |
|----------------------|------------------------|------------------|
| DSN 223-9322 | 223-0077 | 26 Jul 94 |

| | |
|-------------------------------|-------------------|
| NUMBER OF PAGES ____ + HEADER | TELEPHONE NUMBERS |
| POC: Joe Plunkett | DSN: 367 - 5524 |
| | COMM: (404) 669 - |
| | FAX: 7040 |

FROM:
HQ. FORSCOM
AFPI-BC
FT. McPHERSON, GA 30330

REMARKS: Ref Buchanan off-post housing. Have discussed with the installation and Chief of Housing, FORSCOM. Installation maintains that there are 10,000+ units available in the area. Housing discounts that number to 0 due to safety considerations. I believe it is somewhere in between -- sure there must be some people living off-post. For purposes of TABS, use 0 which is currently in HQRPANTS and supported by our housing folks.

Joe Plunkett

FROM :



INFORMATION PAPER

SUBJECT: Off-Post Housing at Ft Buchanan, Ft McPherson and Ft Gillem

Purpose: To provide additional information concerning the off-post housing availability for the subject installations and how it effects D-PAD OML.

Background: We went back to the MACOMs and asked for clarification of off-post housing where the difference btw their submission and the HQRPLAN was extremely high.

Discussion:

In their response to our request, FORSCOM verified that the numbers they provided for Ft McPherson, Ft Gillem and Ft Buchanan were correct.

a. Ft McPherson and Ft Gillem. The HQRPLANS shows 8,943 and 4,555 respectively for available off-post housing for both. FORSCOM added the 2 numbers, rounded the number up to 13,600 and submitted that number for each one of these installations saying that because of location, it is logical that they submit the same number for each. Either way, the OML ranking does not changes. Therefore, this is not an issue in our effort..

b. Ft. Buchanan. The HQRPLANS does not show any off-post housing available for Ft Buchanan, so we had nothing to compare the 10,389 number submitted by FORSCOM. In their response, FORSCOM says that 10,389 is the correct number. The "What if we change that to 0" analysis in D-PAD shows that it would change Ft Buchanan's ranking from 5th to 11th place. Because of that the off-post housing is a critical issue where the OML is concerned.

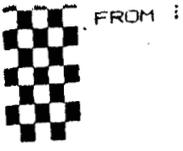
MFR

21 JULY 94

SUBJECT: Ft Buchanan off-post housing and Deployment Network

I talked to Maureen Wylie about the number that FORSCOM had given to us for off-post housing for Ft Buchanan and that we don't think that's a correct number. She had her housing people call FORSCOM Housing to verify the number and they said no way. They said the number was very very low. They don't have the correct number yet but will let Maureen know who will tell us. The FORSCOM POC is Bob Young. Apparently, he said that their BRAC office did not confirm the numbers with them. Maureen's concern and mine: If they didn't verify the number for Buchanan what about the other installations. What I did in D-PAD, I used the FORSCOM numbers for On-post housing and UE/OPH, and the HQRPLANS number for off-post housing.

I also talked to Joe Plunkett and told him about this issue. He said he would get back with Bob Young. At the same time I told him that the only information I was still looking for was the Deployment Network requested in my 5 Jul memo to him. He will provide that to us.



HQ FORSCOM, DCSPIM, BRAC OFFICE
BLDG 200, ROOM 159
FORT MCPHERSON, GA 30330-6000

Fax Cover Sheet

DATE: 7-²⁰13-94 TIME: _____

TO: Christel Hignett PHONE: 223-0077
 FAX: ~~223-0077~~ 223-9322

FROM: ~~EGORIANX~~ PHONE: DSN 367-0006 5524
 Joe Plunkett FAX: DSN 367-7040

RE: BRAC 95 Data Call and your fax, 7-13-94

CC: _____

Number of pages including cover sheet: _____

Message: The following information is provided:

FORT HAMILTON: The number changed to 417 because 25 were diverted to ENL UPH and 85 were reconfigured from one to two bedrooms

FORT TOTTEN: 304 is correct; includes two barracks bldgs that are uninhabitable but still on real property records - **

PSF: Data submitted represents the "6A FOOTPRINT" only. AFH = 600 off post hsg = 459 and ENL UPH = 120

FORT MCPHERSON/GILLEM: 13,600 is correct; represents number of available off post hsg and because of location it is logical that the same number is available for each. The HQRPLAN separates the numbers, the input combined the numbers (4555+8943=13498)

FORT BUCHANAN: Believe the HQRPLAN requires a line be added for off post hsg, 7110. The instl is located in San Juan and 10,389 is a correct number. OFF UPH = 32, the HQRPLAN was done while 16 rooms were under renovation; ENL UPH = 124, instl did not count 92 barracks rooms, rptd only 32 BEQ.

**Ft Totten was excessed to GSA. Sometime during the 1980's Ft Hamilton started getting bits and pieces of Ft Totten back. IFS-1 did not contain above-mentioned two barracks bldgs. The two bldgs have since been added back into the IFS.



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY FORCES COMMAND
FORT MCPHERSON, GEORGIA 30330-6000



AFPI-BC (5-10c)

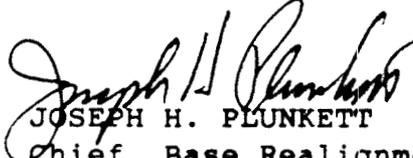
27 JUN 1994

MEMORANDUM FOR DEPARTMENT OF THE ARMY, DIRECTOR OF MANAGEMENT,
ATTN: DACS-TABS, WASHINGTON, DC 20310-0200

SUBJECT: Base Realignment and Closure (BRAC) 95 Installation
Assessment (IA) Program

1. Reference FORSCOM memorandum, AFPI-BC, 15 Jun 94, SAB.
2. ~~We have found two minor changes which should be made to data submitted at reference. The changes are:~~
 - a. Change Information Mission Area score for Presidio of San Francisco to 1225 from 1275. Change corrects an arithmetic error.
 - b. Change Family Housing Cost per Dwelling Unit for Fort Hood from \$5,064 to \$5,272. Original computation included 227 housing units which are to be built due to a FY 93 construction project.
3. For additional information, contact Neta Adams, DSN 367-6315.

FOR THE DCS FOR PERSONNEL AND INSTALLATION MANAGEMENT:

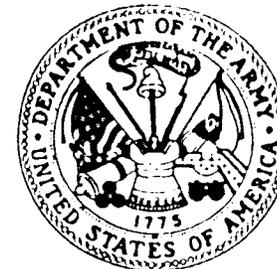

JOSEPH H. PLUNKETT
Chief, Base Realignment
and Closure Division, DCSPIM

2-PAD
1/13/94

BRAC
IS AN
OPPORTUNITY

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF

THE ARMY BASING STUDY



| | | |
|-----|--|------------------------------|
| TO: | HQDA, DACS-TABS THE PENTAGON, ROOM 2A684 WASHINGTON, DC 20310-0200 | DATE-TIME-GROUP 13 JUL 94 |
| | POC: <i>Christel Hignett</i> | NUMBER OF PAGES |
| | VOICE TELEPHONE: 693-0077 DSN 224-1765 COM (703) 607-176576 TABS FAX TELEPHONE: (703) 614-6518 / DSN 224-6518 | 8 |

JOE: I AM REFAXING MY MEMO OF 5 JUL 94. That's the one I talked to you on the phone about.

Christel Hignett

FROM: Christel Hignett, DACS-TABS

5 JUL 94

TO: Joe Plunkett

Joe,

Per my phonecon with Ron Blackledge this morning, I am faxing you copies of the HQRPLAN (family housing and barracks portion only) for your C2 installations. Some of the numbers you reported are a lot different from what's in the HQRPLAN and I'm sure there is a good reason for that. Would you please have Ron check the numbers and provide explanations for me. The numbers penned in are the ones you gave us.

Also, to answer Ron's question on the Deployment Network data: The distance from the installation to the nearest airport should be to a C-141/747 capable airport, not necessarily where you have a deployment agreement.

Also, what's the status of data call #4, the narratives?

Thanks for checking these items. If I can be of any help, please call me. My DSN is 223-0077.



Christel Hignett

44223 ARMS BUILDING SF

SUM 6,000 6,000

7210S ENL UPH (FLNG) PN

SUM 124 124 1

7240P OFF UPH PN 72410 OFF QTRS MIL PN

SUM 16 16 0

7110F FAMILY HOUSING FA 71112 COLONEL FA 5 5 30
71113 LTC/MAJOR FA 27 27 30
71125 NCO/ENLISTED FA 98 98 30
71134 COM GRD/WO FA 141 141 1
71135 NCO/ENLISTED FA 93 93 30

SUM 364 364 0

F Budanan

7210S ENL UPH (FLNG) PN

SUM 124 124 12

7240P OFF UPH PN 72410 OFF QTRS MIL PN

SUM 16 16 1

7110P

SUM 16 32 1

504 504 50

21409 AR MAINT FAC SF 21409 AR VEH MNT SHOP SF

SUM 49,638 49,638 49,638

21420 VEH MNT SH DS SF 21490 OTHER SF

SUM 0 0 0

21990 MNT INST Q&R SF 21920 FE FACILITY SF

SUM 0 0 0

44223 ARMS BUILDING SF 12,008 0 12,008

 SUM 22,886 0 22,886

 22,886 0 22,886

 SF 17130 APPL INST BLDG SF

 SUM 24,690 0 24,690

 24,690 0 24,690

 PN 72410 OFF QTRS MIL

 SUM 15 0 15

 15 0 15

 FA 71112 COLONEL
 71113 LTC/MAJOR
 71115 NCO/ENLISTED

 SUM 10 10 10

 10 10 10

 PN 72410 OFF QTRS MIL

 SUM 4,555 0 4,555

 4,555 0 4,555

 SF 21407 NG MAINT FAC

 SUM 360,418 0 360,418

 360,418 0 360,418

 SF 21409 AR MAINT FAC

 SUM 274,181 0 274,181

 274,181 0 274,181

 SF 21409 AR VEH MNT SHOP SF

 SUM 402,268 0 402,268

 402,268 0 402,268

 SF 21409 AR VEH MNT SHOP SF

 SUM 402,268 0 402,268

 402,268 0 402,268

 SF 21407 NG VEH MNT SHOP SF

 SUM 4,550 0 4,550

 4,550 0 4,550

 FA 71109 FAMILY HOUSING

 SUM 4,555 0 4,555

 4,555 0 4,555

 FA 71109 OFF POST HSG

 SUM 5 5 5

 5 5 5

 PN 72410 OFF QTRS MIL

 SUM 15 0 15

 15 0 15

 SF 21407 NG MAINT FAC

 SUM 360,418 0 360,418

 360,418 0 360,418

 SF 21409 AR MAINT FAC

 SUM 274,181 0 274,181

 274,181 0 274,181

 SF 21409 AR VEH MNT SHOP SF

 SUM 402,268 0 402,268

 402,268 0 402,268

 SF 21407 NG VEH MNT SHOP SF

 SUM 4,550 0 4,550

 4,550 0 4,550

FT GILLEM

42200 AMMO STOR-INST SF 42285 UNIT SM ARM STR SF

SUM 520

SUM 520

SUM 520

SUM 518

SUM 518

SUM 27

SUM 27

SUM 545

72105 ENL UPH (PLNG) FN

7240P OFF UPH FN 72410 OFF QTRS MIL FN

SUM 119

SUM 102

SUM 8,943

SUM 8,943

SUM 518

SUM 518

SUM 27

SUM 27

SUM 9,607

7110P FAMILY HOUSING FA 71111 GENERAL
71112 COLONEL
71113 LTC/MAJOR
71114 COM GRD/WO
71115 NCO/ENLISTED

F7 Mc PATERSON

7110P OFF POST HSG FA

72105 ENL UPH (PLNG) FN

7240P OFF UPH FN 72410 OFF QTRS MIL FN

SUM 27

SUM 27

SUM 9,607

21800 SP PURP MNT SHP SF 21885 MNT SH GEN PURP SF

21900 MNT INST OSR SF 21910 FE MAINT SHOP SF

SUM 5,834

SUM 5,834

SUM 55,141

58,055

72100 ENL UPH (PLNG) PN 116 116

 72400 OFF UPH PN 72410 OFF QTRS MIL PN 60 60

 SUM 60 60

 71100 FAMILY HOUSING FA 71111 GENERAL 3 3
 71112 COLONEL 6 6
 71113 LTC/MAJOR 16 16
 71115 NCO/ENLISTED 32 32
 71123 LTC/MAJOR 14 14
 71124 COM GRD/WD 68 68
 71125 NCO/ENLISTED 48 48

 SUM 187 187

Ft Totten

72100 ENL UPH (PLNG) PN 116 116

 72400 OFF UPH PN 72410 OFF QTRS MIL PN 60 60

 SUM 60 60

 21410 VEH MNT SH ORG SF 21410 VEH MNT SH ORG SF 14,594 14,594

 SUM 14,594 14,594

21800 SP PURP MNT SHP SF 21882 QM REPAIR SHOP SF 4,680 4,680

 SUM 4,680 4,680

21900 MNT INST ORG SF 21910 FE MAINT SHOP SF 40,541 40,541

 SUM 40,541 40,541

 SUM 59,815 59,815

42230 READY MAGAZINE
42283 GEN PURP MAG

SF
SF

0,000
12,507

0,000
12,507

18,550

1 0

18,550

18,550

7210S ENL UPH (PLNG) PN

sum

240

240

240

240

7240P OFF UPH PN 72410 OFF QTRS MIL PN

sum

13

74

13

74

253

314

7110P FAMILY HOUSING FA 71111 GENERAL FA

71112 COLONEL FA

71113 LTC/MAJOR FA

71114 CDM GRD/WD FA

71115 NCO/ENLISTED FA

71135 NCO/ENLISTED FA

71190 OTHER FA

5

5

64

64

134

134

161

162

384

384

461

461

0

0

sum

1,209

1,173

1,210

7110P OFF POST HSG FA

sum

350

350

350

350

7210S ENL UPH (PLNG) PN

sum

240

120

240

240

240

7240P OFF UPH PN 72410 OFF QTRS MIL PN

sum

13

74

13

74

1,812

1,874

21110 MNT HANGAR AVUM SF 21110 MNT HANGAR AVUM SF

sum

0

0

9,540

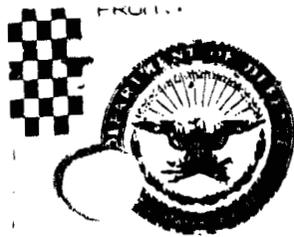
0

0

9,540

PSF

Document Separator



DEPARTMENT OF THE ARMY
 HEADQUARTERS, UNITED STATES ARMY FORCES COMMAND
 FORT MCPHERSON, GEORGIA 30330-6000



REPLY TO
 ATTENTION OF

01 JUL 1994

AFPI-BC (5-10c)

MEMORANDUM FOR DEPARTMENT OF THE ARMY, DIRECTOR OF MANAGEMENT,
 ATTN: DACS-TABS, WASHINGTON, DC 20310-0200

SUBJECT: Base Realignment and Closure (BRAC) 95 Installation
 Assessment (IA) Program

1. Reference FORSCOM memorandum, AFPI-BC, 15 Jun 94, SAB.
2. Some of the data in reference report did not contain the revised data for Presidio of San Francisco. The changes deal with adjustments for the footprint to be retained versus the installation as it exists today. Changes for the two attributes are provided at enclosure.
3. For additional information, contact Neta Adams, DSN 367-6315.

FOR THE DCS FOR PERSONNEL AND INSTALLATION MANAGEMENT:

Encl

Joseph H. Plunkett
 JOSEPH H. PLUNKETT
 Chief, Base Realignment
 and Closure Division, DCSPIM

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL # of pages 2

| | |
|-------------------------------|-----------------------------|
| To <u>Max Deteler</u> | From <u>Neta Adams</u> |
| Dept./Agency <u>DACS-TABS</u> | Phone # <u>DSN 367-6315</u> |
| Fax # <u>223-9322</u> | Fax # <u>7040</u> |

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

PRESIDIO OF SAN FRANCISCO

| | REVISED NUMBER |
|---------------------------|-------------------|
| Family Housing Units | 600 |
| BASOPS/Mission Population | |
| BASOPS Direct | 9,126 |
| BASOPS Reimb | 2,488 |
| RPMA Direct | 2,104 |
| RPMA Reimb | 850 |
| Envir Pgm Direct | 253 |
| Envir Pgm Reimb | 8 |
| Audio Visual Direct | 49 |
| Audio Visual Reimb | 0 |
| Base commo Direct | 225 |
| Base commo Reimb | 79 |
| Family pgm Direct | 290 |
| Family pgm Reimb | 0 |
| BASOPS DOD RPMD | 3,104 |

encl

CACMOB.XLS

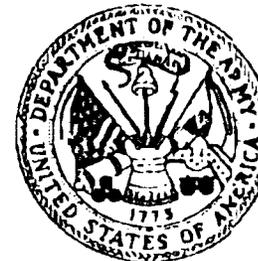
| MOB BILLETS | KELLY | BUCHANAN | GILLEN | HAMILTON | MCPHERSON | TOTTEN | PSF |
|--|-------|----------|--------|----------|-----------|--------|-----|
| DEPLOYMENT NETWORK | | | | | | | 0 |
| RAILHEAD | 8 | ? | | | | | |
| AIRPORT | 323 | 2 | 6 | 6 | 11 | 6 | 16 |
| SEAPORT | 365 | 2 | 2 | 15 | 25 | 15 | 55 |
| HIGHWAY | 5 | ? | 0.5 | 6 | 247 | 8 | 16 |
| RANGES | | | | 0 | 1.7 | 0 | 4 |
| # MPRC | | | | | | | |
| # RETS EQ M-16 FIR PTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MOUT | NO | NO | NO | NO | NO | NO | 0 |
| TOTAL # RANGES | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| NET MNVR ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CONTIG MNVR ACRES | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WORKSPACE | 101 | 145 | 876 | 176 | 1051 | 171 | 173 |
| MAINT | 58 | 0 | 634 | 25 | 70 | 61 | 0 |
| ADMIN | 42 | 145 | 241 | 151 | 881 | 110 | 173 |
| THERE ARE NO RAILS OR INTERSTATE HIGHWAYS IN PUERTO RICO | | | | | | | |

Records From McPherson Ref 2
 part into D-PMS

**BRAC
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OPPORTUNITY**

**DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF**

THE ARMY BASING STUDY



| | | |
|--------------------------------|--|-----------------|
| TO: <i>MAJ FLETCHER</i> | HQDA, DACS-TABS THE PENTAGON, ROOM 2A684 WASHINGTON, DC 20310-0200 | DATE-TIME-GROUP |
| | POC: | NUMBER OF PAGES |
| | VOICE TELEPHONE : DSN 227-1765 COM (703) 697-1765/6 TABS FAX TELEPHONE: (703) 614-6518 / DSN 224-6518 | |

*Maj Fletcher is visiting from HQ DA.
Pls pass this to him when he gets back
tomorrow.*

Thank you

Christel Hignett

FROM: Christel Hignett

29 Jun 94

TO: MAJ Fletcher

Chuck, While you're at FORSCOM, please check on the following items in their data call submission:

WILL NOT PROVIDE

✓ 1. PSF: % permanent facilities (PSF). Their note: Not computed since footprint has not been approved by HQDA and negotiations are continuing. USE ACSIM NUMBER.

2. MOB Capability: FORSCOM did not provide the following data for this attribute for any of the facilities:

SENT

- DONE
- Ranges HQRPLANS MARC=0, RETS=0, MAINT=0, TOTAL RANGES?
 - Maneuver Acres HQRPLANS
 - Mechanized Acres ALL ZERO
 - Work space HQRPLANS
 - Deployment Network: NEED THIS
 - Distance to rail
 - Distance to airport
 - Distance to seaport
 - Distance to highway

✓ 3. IMA: "0" was provided for Ft Totten which is highly unlikely? was notified by FORSCOM.

✓ 4. Number of family housing off-post was not provided for PSF, Totten and Hamilton USE ACSIM NUMBER

✓ 5. Housing Cost/DU -- Kelly -- Why did they give us a '0'? KELLY OWNS NO FAMILY HOUSING?

Hope your eye feels better. Take it easy!

Thanks, Christel

COMMAND & CONTROL INSTALLATIONS

| CATEGORY | ATTRIBUTES | KELLY | COMMEN | BUCHANA | COMMEN | GILLEM | COMMEN | HAMILTO | COMMEN | MCPHERSO | COMMEN | TOTTEN | COMMENT | PSF | COMMENTS |
|-----------------------|------------------------------|--------|--------|---------|----------|---------|---------|---------|--------|----------|---------|---------|---------|---------|----------|
| Msn Rmpts & Oper Read | Reserve Training | ✓ | | | | | | | | | | | | | |
| | AT (# people) | 0 | | 31,995 | | 787 | | 3,459 | | 282 | | 8,561 | | 85 | |
| | FY91 | 0 | | 32,156 | | 829 | | 381 | | 282 | | 1,009 | | | |
| | FY92 | 0 | | 32,156 | | 863 | | 3,027 | | 282 | | 14,203 | | | |
| | FY93 | 0 | | 31,674 | | 869 | | 6,970 | | 282 | | 10,471 | | 85 | |
| | IDT (Mandays) | 0 | | 532,564 | | 11,886 | | 16,178 | | 6,041 | | 49,025 | | 0 | |
| | FY91 | 0 | | 500,060 | | 10,290 | | 5,334 | | 6,041 | | 14,042 | | | |
| | FY92 | 0 | | 545,718 | | 11,307 | | 21,600 | | 6,041 | | 66,516 | | | |
| | FY93 | 0 | | 551,914 | | 14,000 | | 21,600 | | 6,041 | | 66,516 | | | |
| | Ops/Admin Facilities (KSF) | | | | | | | | | | | | | | |
| | Avn Unit Ops Bldg (14112) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | AF Ops Bldg (14110) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | Bde HQ Bldg (14182) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | Bn HQ Bldg (14183) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | Co HQ Bldg (14185) | 0 | | 0 | | 3 | | 5 | | 0 | | 0 | | 0 | |
| | Gen Purp Admin (61050) | 42 | | 145 | | 241 | | 151 | | 981 | | 110 | | 173 | |
| | IMA | 135 | | 695 | | 485 | | 805 | | 1185 | | 0 | | 1275 | |
| | Accessibility | 105 | | 1895 | | 167 | | 465 | | 334 | | 474 | | 1175 | |
| | DHG+DLOC1+DLOC2+DLOC3 = | | | | | | | | | | | | | | |
| | Avg Distance (Miles) | | | | | | | | | | | | | | |
| | (DHG = Dis to Higher HQ) | 2 | | 1600 | | 16 | | 65 | | 0 | On Post | 25 | Hamil | 2476 | |
| | DLOC1 = To most travelled | 4 | | 2181 | SAM H | 145 | GORDON | 221 | 622 | WASH | 246 | MDW | | 821 | |
| | DLOC2 = Second most | 12 | | 2104 | SP, VA | 118 | BENNING | 839 | 145 | GORDON | 864 | Att | | 652 | |
| | DLOC3 = Third most | 400 | | 1696 | HUNT, AL | 389 | BRAGG | 734 | 567 | NOR, VA | 759 | Ind | | 750 | |
| | Barracks & Fam Housing | | | 10,817 | | | | | | 14264 | | 551 | | | |
| | # UOPH (7240P) | 0 | | 32 | | 5 | | 188 | | 27 | | 60 | | 0 | |
| | # UEPH (7218P) | 0 | | 32 | | 0 | | 237 | | 535 | | 304 | | 120 | |
| | Fam Hous op post (7110F) | 0 | | 364 | | 10 | | 417 | | 102 | | 187 | | 1173 | |
| | Fam Hous Off Post (7110P) | 0 | | 10389 | | 13800 | | 0 | | 13600 | | 0 | | 0 | |
| | Trainee Assets (7218P) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| Land and Facilities | Percent Permanent Facilities | | | | | | | | | | | | | | |
| | Total perm SF all bldgs/ | 0 | | 77 | | 72.5 | | 96.1 | | 93.4 | | 100 | | ? | 2 |
| | total instal SF | | | | | | | | | | | | | | |
| | Infrastructure | | | | | | | | | | | | | | |
| | Water (MGD) | 1.8 | | 1.5 | | 1.4 | | 3.5 | | 3.1 | | 4.3 | | 0.33 | |
| | Sewage treatment (MGD) | 0.5 | | 1.2 | | 1.1 | | 5.6 | | 2.87 | | 1.4 | | 0.21 | |
| | Electrical distri (MVA) | 2.5 | | 15 | | 22.4 | | 8.5 | | 14 | | 1.6 | | 0.031 | |
| | Land fill (\$/Short Ton) | \$5.49 | | \$20.00 | | \$85.50 | | \$54.00 | | \$82.77 | | \$60.00 | | \$52.62 | |
| | Maintenance Facility (KSF) | | | | | | | | | | | | | | |
| | Mnt Hangar AVUM (21110) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | Mnt Hangar AVIM (21111) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | NG Maint Fac (21407) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | AR Maint Fac (21409) | 0 | | 0 | | 274 | | 0 | | 0 | | 0 | | 0 | |
| | Veh Mnt Shop Org (21410) | 13 | | 0 | | 12 | | 5 | | 0 | | 15 | | 0 | |
| | Veh Mnt Shop DS (21420) | 48 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | Sp Purp Mnt Shp (21800) | 0 | | 0 | | 317 | | 0 | | 0 | | 5 | | 0 | |
| | Mnt Inst O&R (21900) | 0 | | 0 | | 31 | | 20 | | 70 | | 41 | | 0 | |
| | Supply and Storage (KSF) | | | | | | | | | | | | | | |
| | Cold Storage (43200) | 0 | | 17 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| | Gen Purp Whse (44100) | 0 | | 0 | | 2987 | | 0 | | 0 | | 19 | | 0 | |
| | Gen Purp Whse (44200) | 0 | | 30 | | 827 | | 28 | | 63 | | 9 | | 0 | |

COMMAND & POL INSTALLATIONS

| | Kelly | Quarman | Gilliam | Harrison | McPherson | Totten | PCF |
|---|-------|----------|---------|----------|-----------|--------|--------|
| Const Hain Whse (44230) | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Infl Mat Whse (44240) | 0.2 | 0 | 5 | 2 | 0 | 0 | 0 |
| Veh Stor Shed (44260) | 0 | 0 | 20 | 1 | 0 | 0 | 0 |
| Env Carrying Capacity Factors | | | | | | | |
| Arch+Hist Bldg (A/Inst Acres) | 0 | 0.00134 | 0.0222 | 0.07345 | 0.194332 | 0.5 | 0.5976 |
| Endangered Species (#) | 0 | 4 | 1 | 1 | 0 | 1 | 17 |
| Wetlands (Wetland/Inst Acres) | 0 | 0.014879 | 0 | 0 | 0 | 0 | 0 |
| Air Quality (Status Y=1,N=10) | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Water Qual (Times NPDES exceeded) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Noise Quality (AICUZ/ICUZ Zones) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contaminated Sites # (IPR+NPL) | 1 | 0 | 14 | 1 | 2 | 5 | 4 |
| Contingency, Mobilization & Future Requirements | | | | | | | |
| Mobilization Capability | | | | | | | |
| Billets | 0 | 190 | 0 | 0 | 0 | 0 | 0 |
| Buildable Acres | 36 | 53 | 220 | 10 | 127 | 15 | 0 |
| Cost & Manpower | | | | | | | |
| Housing Cost per DU | 0 | 9469 | 24156 | 17369 | 18037 | 4262 | 6962 |
| BASOPS/Mission Population | 7363 | 1975 | 13952 | 15917 | 43648 | 2791 | 62549 |
| BASOPS Direct | 4104 | 8166 | 8230 | 8324 | 25637 | 393 | 38345 |
| BASOPS Reimb | 1232 | 3667 | 1345 | 2197 | 3361 | 0 | 10452 |
| RPMA Direct | 507 | 2494 | 2349 | 1981 | 7047 | 36 | 8841 |
| RPMA Reimb | 679 | 1104 | 256 | 138 | 847 | 0 | 3573 |
| Envir PGM Direct | 220 | 250 | 292 | 845 | 923 | 0 | 3573 |
| Envir PGM Reimb | 13 | 20 | 0 | 454 | 0 | 0 | 1064 |
| Audio Visual Direct | 119 | 494 | 0 | 0 | 1465 | 0 | 206 |
| Audio Visual Reimb | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Base commo Direct | 280 | 686 | 750 | 222 | 1333 | 0 | 946 |
| Base commo Reimb | 0 | 82 | 203 | 18 | 361 | 0 | 330 |
| Family PGM Direct | 0 | 560 | 0 | 759 | 1004 | 224 | 1219 |
| Family PGM Reimb | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FY93 DoD RPMD (9730131) | 209 | 2212 | 527 | 979 | 1670 | 138 | 0 |
| COMMENTS | | | | | | | |
| 1 All structures at Kelly are identified as semi-permanent structures in the RPLANS | | | | | | | |
| 2 Not computed since footprint has not been approved by HQDA and negotiations are continuing. | | | | | | | |

Document Separator



DEPARTMENT C
U.S. ARMY MILITARY DIST
WASHINGTON, D

REPLY TO
ATTENTION OF

ANEN-RO (5-10c)

| | | |
|-----------------|--------------|-------------------------|
| FAX TRANSMITTAL | | # of pages |
| To | MAJ Fletcher | Char Rodriguez |
| Dept/Agency | | Phone # 202 475-2061 |
| Fax # | 693-9322 | Fax # |

MDW FM 89. 1 APR 94

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 | H ₂ O Potable Capacity | H ₂ O 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:

*✓ updated in
D-PAD 2 sep*

GARY THOMAS
Colonel, GS
Deputy Chief of Staff
for Engineering and Housing

*The remaining ones
need to have clarification
(see above)*

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

Meade

DATA ELEMENTS REVIEWED

| <u>Data Element</u> | <u>Unit of Measure</u> | <u>Reported by Fort Meade</u> | <u>Verified by Army Audit</u> |
|------------------------------------|----------------------------------|-------------------------------|-------------------------------|
| Accessibility | Miles | 57 49 | 57 (a) |
| Average Age of Facilities | Average Age (years) | 39 ✓ | 39 |
| Barracks and Family Housing | Sum of dwelling units and spaces | 10,418 8258 | 10,418 |
| BASOPS/Mission Population * | Dollars (in millions) | \$71.2 ✓ | \$71.2 |
| Buildable Acres | Acres | 3,635 ✓ | 3,821 (b) |
| Environmental Carrying Capacity ** | | | |
| Historic bldgs | Sites per acre | red sour. 0025 | red sour. 0025 |
| Endangered species | Number of species | none | none |
| Wetlands | Acres | 6.5t / | 5t (c) |
| Air quality | Attainment | see the number 10 | 10 |
| Water quality | Times exceeded | 0 | 0 |
| Noise quality | Acres off post | included data 10 | 0's been |
| Contamination | Number of sites | 6 | 6 |
| Family Housing Cost | Dollars per dwelling | \$4,301 4272 | \$4,301 |
| Information Mission Area | Numeric factor | 1,360 1395 | 1,360 |
| Infrastructure | | | |
| Water | Million gal/day | 8.2 ✓ | 8.2 |
| Sewage | Million gal/day | 4.5 ✓ | 4.5 |
| Electrical | Kilovolt amps | 40,000 ✓ | 40,000 |
| Landfill | Dollars per ton | \$58 ✓ | \$58 |
| Maintenance Facilities | Square feet (in thousands) | 108 //3 | 113 (d) |
| Mobilization Capability | Billets | 525 ✓ | 525 |

Enclosure

Meade

| <u>Data Element</u> | <u>Unit of Measure</u> | <u>Reported by Fort Meade</u> | <u>Verified by Army Audit</u> |
|---|-------------------------------|-------------------------------|-------------------------------|
| Operations/ Administrative Facilities | Square feet (in millions) | 938 915.7 | 916 (d) |
| Percent Permanent Facilities | Percent | 87% 81.7 | 87% |
| Reserve Training | Number of personnel | 2,226 ✓ | 0 (e) |
| | Mandays | 392 ✓ | 0 (e) |
| Supply and Storage | Square feet (in thousands) | 213 | 213 |

Explanation of differences between the amounts that Fort Meade reported and the amounts that we verified:

- (a) **Accessibility:** Initially used FY 94 data without getting a waiver to deviate from required source data. Fort Meade requested a waiver to use FY 94 data.
- (b) **Buildable Acres:** Inaccurately copied data from a computer terminal, which understated the number of acres.
- (c) **Environmental Capacity:** Included data that should have been excluded.
- (d) **Maintenance Facilities and Operations/Administrative Facilities:** Incorrectly extracted data from the automated system, understanding maintenance facilities and overstating operations/administrative facilities.
- (e) **Reserve Training:** Insufficient supporting documentation.

* This value is the total BASOPS mission cost for the installation. The Basing Study Office, DA will compute the value of the unit of measure--dollars per person per year--for this data element.

** Values aren't weighted.

DATA ATTRIBUTES REVIEWED

Ritchie

| Data Attribute | Unit of Measure | Reported by Fort Ritchie | Verified by Army Aodic 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 |

RPI
BY MA COM

57

2937
255

10280

0
.02

2

0
0

450

180

405

75

75

100

45

52

.5

5000

65

389

* These are explained in the body of the memorandum.

| Data Attribute | Unit of Measure | Reported by Fort Ritchie | Verified by Army Audit Agency | Difference* |
|--------------------------------------|-----------------|--------------------------|-------------------------------|-------------|
| Mobilisation Capability | Various | | | 0 |
| Mobilisation 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 | 994,902 | 994,902 | 0 |
| Percent Permanent Facilities | Percent | 87 | 87 | 0 |
| Reserve Training | | | | |
| Annual Training | Personnel | 65 | 0 | 65 |
| Individual Duty Training | Days | 1,348 | 1,348 | 0 |
| Supply and Storage Facilities | Square Feet | 93,945 | 93,945 | 0 |

Ritchie

2577

2
0
0

232.3

182.7

81.1

65

2340

1. The report has been independently reviewed. It has been reviewed to any questions the references cited or resolved any discrepancies.

2. The report is in accordance with the provisions of the 38 CFR 38.101-101. The report is in accordance with the provisions of the 38 CFR 38.101-101. The report is in accordance with the provisions of the 38 CFR 38.101-101.

Robert S. Roth
 HENRY P. COLLIER
 Regional Auditor

* These are explained in the body of the memorandum.

DATA ELEMENTS REVIEWED

Belvoir

| <u>Data Element</u> | <u>Unit of Measure</u> | <u>Reported by Fort Belvoir</u> | <u>Verified by Army Audit</u> |
|-------------------------------------|------------------------|---------------------------------|-------------------------------|
| Accessibility | Miles | 17 (a) ✓ | 16 |
| Average Age of Facilities | Years | 1955 (b) 39 | 39 |
| Barracks and Family Housing | | | |
| Family Housing: | | | |
| On post | Units | 2,070 (c) 4272 | 2,071 |
| Off post | Units | 1,420 (d) | 1,279 |
| Complex units | Units | 35,086 (e) | 35,169 |
| Personnel Housing: | | | |
| Unaccompanied Officer | Spaces | 11 ✓ | 11 |
| Unaccompanied Enlisted | Spaces | 994 ✓ | 994 |
| ASOPS/Mission Population* | Dollars (in millions) | \$83.4 ✓ | \$83.4 |
| Buildable Acres | Acres | 1,047 (f) ✓ | 1,022 |
| Environmental Carrying Capacity** | | | |
| Archaeology/historical building | Sites/building | 0.175 (g) 0.175 | - |
| Endangered species | Plants/animals | 15 | 15 |
| Wetlands | Acres | 1.0465 (h) 0.975 | 0.9782 |
| Air quality | Attainment | 50 (i) 10 | 150 |
| Water quality | Times exceeded | 30 | 30 |
| Noise quality | Acres offpost | 3,000 (j) 300 | - |
| Contaminated sites | Number of sites | 0 (k) | - |
| Family Housing Cost | Dollars per dwelling | \$6,732 (l) 6732 | \$6,729 |
| Information Mission Area | | | |
| Telephone switching | Weight | 500 ✓ | 500 |
| Outside Cable Plant | Weight | 260 (m) ✓ | 220 |
| Common user support | Weight | 330 ✓ | 330 |
| Defense Switched/ Data Network Node | Weight | 25 (n) ✓ | 50 |

Enclosure

Belvoir

| Data Element | Unit of Measure | Reported by Fort Belvoir | Verified by Army Audit |
|---|----------------------------|--------------------------|------------------------|
| Post Wide Area/Local Area Network Center: | Weight | 75 (o) ✓ | 45 |
| Telecommunications Video- | Weight | 50 ✓ | 50 |
| Telecommunications | Weight | 45 ✓ | 45 |
| Infrastructure | | | |
| Water | Million gal/day | 4.4 ✓ | 4.4 |
| Sewage | Million gal/day | 1.8 ✓ | 1.8 |
| Electrical | Kilovolt amps | 40,000 ✓ | 40,150 |
| Landfill | Dollars per short ton | 127 (q) ✓ | 130 |
| Maintenance Facilities | Square feet (in thousands) | 168-307.4 ✓ | 168 |
| Mobilization Capability | Spaces | 1,974 (r) ✓ | 1,977 |
| Operations/Administrative Facilities | Square feet (in millions) | 1,464 ✓ | 1,464 |
| Percent Permanent Facilities | Percent | 85% ✓ | 85% |
| Reserve Training | | | |
| Annual training | Personnel | 1,277 (s) ✓ | 1,305 |
| Inactive duty training | Mandays | 239,469 (t) ✓ | 231,163 |
| Supply and Storage Facilities | Square feet (in thousands) | 119 (u) ✓ | 327 |

Explanation of differences between the amounts that Fort Belvoir reported and the amounts that we verified.

- (a) Fort Belvoir didn't make the estimate based on FY 93 travel; we used Fort Belvoir's Official Travel Distance Manual to compute miles to the four most traveled-to locations. We don't consider the difference of 1 mile to be significant.

**U.S. ARMY MILITARY DISTRICT OF WASHINGTON
BRAC 95
CLOSE HOLD**

| | FORT MEADE | FORT BELVOIR | FORT RITCHIE | FORT MYER | FORT MCNAIR | FORT AP HILL |
|------------------------------------|-------------------|---------------------|---------------------|------------------|--------------------|---------------------|
| MISSION REQS/OP READINESS | | | | | | |
| MANEUVER ACRES (000) | ✓ 0 | 1.3 ✓ | ✓ 0 | ✓ 0 | 0 | 54.7 |
| RESERVE TRAINING | | | | | N/A | |
| ANNUAL TRNG (# PEOPLE) | 2,226 | 1,277 | 65 | 0 | 0 | 18,407 |
| INACTIVE DUTY TRNG (MANDAYS) | 392 | 239,469 | 2,340 | 0 | 0 | 261,247 |
| IMPACT ACRES (000) | | | | | N/A | 27.0 |
| AF BOMBING CAPABLE | | | | | N/A | Y |
| ATTCK HELICOPTER CAPABLE | N/A | | | | N/A | Y |
| TUBE ARTILLERY CAPABLE | | | | | N/A | Y |
| MLRS CAPABLE | | | | | N/A | Y |
| MECHANIZED MANEUVER ACRES (000) | ✓ 0 | ✓ 0 | ✓ 0 | ✓ 0 | 0 | 54.7 |
| SPECIAL AIRSPACE | | | | | N/A | HQDA |
| ACCESSIBILITY | ✓ 49 | ✓ 17 | ✓ 57 | ✓ 3 | N/A | N/A |
| GENERAL INSTRUCTIONAL FAC SF (000) | | | | | 452.4 | N/A |

POC: 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 |
| VTC X15 | 45 3 | 45 3 | 45 3 | 0 0 | 3 | 0 |
| LAND AND FACILITIES | FORT MEADE | FORT BELVOIR | FORT RITCHIE | FORT MYER | FORT MCNAIR | FORT AP HILL |
| % 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 |
| INFRASTRUCTURE | | | | | | |
| WATER (MGD) | 8.2 | 4.4 | .52 | .51 | .45 | 4.2 |
| SEWAGE (MGD) | 4.5 | 1.8 | .50 | .47 | .45 | 0.85 |

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 am interested</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 |

POC: 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 |
|-----------------------------------|----------------------|------------------------|---------------------|----------------------|--------------------|---------------------|
| UEPH | ✓ 3,721 | ✓ 994 ¹ | ✓ 454 | ✓ 2461 | 174 | 48 |
| WORK SPACE GSF (000) | ✓ 949.3 ² | ✓ 1,766.6 ³ | ✓ 232.3 | ✓ 192.3 | 188.2 | 59.0 |
| SUPPLY AND STORAGE FAC GSF (000) | ✓ 212.6 ⁴ | ✓ 338.7 ⁵ | ✓ 73.9 | ✓ 100.9 ⁶ | N/A | N/A |
| OPS/ADMIN FAC GSF (000) | ✓ 915.7 ⁷ | ✓ 1,464.0 ⁸ | ✓ 182.7 | ✓ 161.5 | N/A | N/A |
| MAINTENANCE FACILITIES GSF (000) | ✓ 113.0 | ✓ 302.4 | ✓ 38.9 | ✓ 93.1 ⁹ | 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 |

KCC: 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 ¹⁰ | 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 |
| CONFIGUOUS MANEUVER | 0 | 0 | 0 | 0 | 0 | 54.7 |
| COST AND MANPOWER | FORT MEADE | FORT BELVOIR | FORT RITCHIE | FORT MYER | FORT MCNAIR | FORT AP HILL |
| 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 ¹¹ | 57,463 ¹² | 9,052.8 |

POC: Charlotte Rodriguez (202)475-2061/1823
 = 2165.34
 = 6493.39
 = 127850
 = 2653
 = 1277033
 Ft. Myer Share 24,258.0
 = 3804
 = 6376.98

**U.S. ARMY MILITARY DISTRICT OF WASHINGTON
BRAC 95**

CLOSE HOLD

1. Does not include spaces in buildings 211, 212, and 213 at Fort Belvoir. The plan is to convert these barracks to admin but the conversion documentation has not been passed to HQDA.
2. The number reported does not include 114,413 SF at Tipton Army Airfield to be disposed of under BRAC 1.
3. Installation data do not agree with HQPLANS. Fort Belvoir calculated building by building.
4. The number reported does not include buildings to be disposed of at Tipton Army Airfield.
5. The number reported includes 166,970 square feet of new construction not reported in HQPLANS at Fort Belvoir.
6. The number reported includes 52,609 square feet of new construction not reported in HQPLANS at Fort Myer.
7. The number reported includes 83,900 square feet of new construction not reported in HQPLANS at Fort Meade and does not include 4,575 square feet of buildings to be disposed of at Tipton Army Airfield under BRAC 1.
8. Same as note 3.
9. The number reported does not include 24,488 square feet of buildings demolished but not yet reported in HQPLANS at Fort Myer.
10. All ranges at Fort Meade shown in HQPLANS are contained in the parcel of land transferred to Department of the Interior under BRAC 1. They are not available to Army personnel.

U.S. ARMY MILITARY DISTRICT OF WASHINGTON

BRAC 95

CLOSE HOLD

11. Forts Myer and McNair and Cameron Station function as a single installation and the accounting system does not break out the costs.
12. Same as note 10.

Document Separator

DEPARTMENT OF THE ARMY
 HEADQUARTERS, UNITED STATES ARMY, PACIFIC
 FORT SHAFTER, HAWAII 96822-5100



REPLY TO
 ATTENTION OF:

APRM-MC (5-10)

AUG 31 1994

MEMORANDUM FOR HQDA (DACS-TABS), WASHINGTON, DC 20310-0200

SUBJECT: BRAC 95 Installation Assessment (IA) & Installation
 Environmental Baseline Survey (IEBS) Data Scrub

1. Reference memorandum, DACS-TABS, 16 Aug 94, SAB.
2. Data elements identified in matrix of reference memorandum were reviewed for inconsistencies. Comparisons were made between the data submitted in the IA and IEBS. The following corrections should be made:

| <u>Installation</u> | <u>DATA Element</u> | <u>IA</u> | <u>IEBS</u> |
|--------------------------------|----------------------|--------------------|--------------------|
| Fort Richardson | Air Quality Factor | 10 | Not attnmt |
| | H2O Sewer Capacity | 4.1 MGD | 4.1 MGD |
| Fort Wainwright | Air Quality Factor | 10 | Not attnmt |
| | H2O Potable Capacity | 1.3 MGD | 1.3 MGD |
| Schofield Bks | Contaminated Sites | 31 | 31 |
| Fort Greely | Contaminated Sites | 42 | 42 |
| | H2O Potable Capacity | 0.221 MGD | 0.221 MGD |
| | H2O Sewer Capacity | 0.460 MGD | 0.460 MGD |
| Fort Shafter | Contaminated Sites | 20 | 20 ✓ |
| | H2O Potable Capacity | 3.2 MGD | 3.2 MGD |
| | *H2O Sewer Capacity | 5.0 MGD | 5.0 MGD |
| Tripler Army Medical Center | Landfill Cost | \$58.41 Per Ton | \$58.41 Per Ton |

8 Sep

*The total capacity at Fort Shafter is 5.0 MGD, however it is restricted by the City and County of Honolulu to 2.3 MGD.

FACSIMILE TRANSMITTAL HEADER SHEET

| | | | | | | | |
|---------------------------------|------------|------------------------------------|-------------|----------------------------|------|----------------------|--|
| COMMAND/ OFFICE | | NAME/OFFICE SYMBOL | | OFFICE PHONE (DSN/COMM) | | FAX NO (DSN/COMM) | |
| FROM HQ USARPAC DCSRM | | BARBARA T. MITCHELL APRM-MC | | DSN 438-8966 | | DSN 438-9234 | |
| TO HQ DA TRASS | | CHRISTEL HEGNETT | | 227-1765 | | 224-6518 | |
| CLASSIFICATION | PRECEDENCE | NO. PAGES (INCL. HEADER) | DATE - TIME | MONTH | YEAR | RELEASER'S SIGNATURE | |
| UNCLAS | ROUTINE | 1 | 21 0715 | 7 | 94 | | |

REMARKS

Christel,

Just Shafter Contaminated sites
are 20.

Thanks

Barbara

From the desk of ...
Ms. Christel M. Hignett
The Army Basing Study Office
HQDA, OCSA, DACS-TAB

19 July 1994

TO: HQ USARPAC, ATTN: Barbara Mitchell

Barbara,

Would you please verify one number on your data call #1 for me:

~~Ft Shafter. Contaminated Sites. On your 29 Jun FAX it says "20". On your official mailed in copy it says "46". Please fax me your response to DSN 223-9322 or Commercial (703) 693-9322.~~

Thanks,

Christel Hignett

FACSIMILE TRANSMITTAL HEADER SHEET

| | | | | | | | |
|---------------------------------|------------|---------------------------------------|-------------|----------------------------|------|----------------------|--|
| COMMAND/ OFFICE | | NAME/OFFICE SYMBOL | | OFFICE PHONE (DSN/COMM) | | FAX NO (DSN/COMM) | |
| FROM HQ USARPAC DCSRM | | <i>Barbara Titcher</i> APRM-MC | | 438-8966 | | DSN 438-9234 | |
| TO H8D A | | <i>CHRISTEL HIGNETT</i> TAB3 | | 227-1765 | | 223-9322 | |
| CLASSIFICATION | PRECEDENCE | NO. PAGES (INCL HEADER) | DATE - TIME | MONTH | YEAR | RELEASER'S SIGNATURE | |
| | | 2 | 1525 | 7/12 | 94 | | |

REMARKS

*Christel,
Per Request*

Discussed with Maj Fletcher. We decided to use total # of AFH. Add USARPAC's # for off post housing. D-PAD

APRM-MC 12 JUL 94

SUBJECT: The Army Basing Study Data Call #1

To: Christel Hignett

Christel,

The following explains the difference in the data provided to you for Fort Shafter and that which appears in the HQRPANS;

a. Family Housing. As indicated in the HQRPANS Fort Shafter's total family housing assets are 3,269. This number reflects 1,267 dwelling units that are dedicated to Army military personnel assigned to the Fort Shafter area, 1,000 units are assigned to Army military personnel who work at Schofield Barracks and the remaining units, are reserved for the Navy (810), and Marine Corps (189) Military personnel.

b. Off Post Housing, FCG 7110P. Based on a percentage of the total available housing market on Oahu 1,346 units are identified. We are unable to determine the derivative of the number 399 which appears in the HQRPANS.

do not add right

c. Unaccompanied Officer Personnel Housing (UOPH), FCG 7240P. There are 29 UOPH quarters available at Fort Shafter. Twenty two units are for permanent personnel, and 7 units are distinguished visitors quarters/Transient personnel.

Please call me if you have additional questions, DSN 438-8966..



Barbara T. Mitchell
Management Analyst

CLOSE HOLD

| MISSION REQUIREMENTS & OPERATIONAL READINESS | FORT SHAFTER | SCHOFIELD BARRACKS | FORT RICHARDSON | FORT WAINWRIGHT | FORT GREELY | TRIPLER MED CTR |
|--|--------------|--------------------|-----------------|-----------------|-------------|-----------------|
| Accessibility (miles) | 9.75 | | | | | |
| Applied Instruction Facilities (Sq Ft) | | | | | | 9,000 |
| Barracks & Family Housing | | | | | | |
| a. Family Housing Units: | | | | | | |
| On Base | 1,267 | | | | | |
| Off Base | 1346 | | | | | |
| Total | 2,613 | | | | | |
| b. UOPH | 29 | | | | | |
| UEPH | 500 | | | | | |
| Total | 522 | | | | | |
| Deployment Network | | | | | | |
| Railhead | | None | 0 | 3 | 0 | None |
| Airport (miles) | | 18 | 3 | 5 | 0 | 5.8 |
| Seaport | | 15 | 7 | 4 | 365 | 5.4 |
| Highway | | 1 | None | 6 | None | 1.9 |
| Impact Area | | | | | | |
| Impact Acres (Number of Acres) | | 55,724 | 7,915 | | 60,000 | 254,103 |
| Air Force Bombing Capable | | YES | NO | | YES | YES |
| Attack Helicopter Capable | | YES | YES | 11 | YES | YES |
| Tube Artillery Capable | | YES | YES | | YES | YES |
| MLRS Capable | | YES | NO | | NO | YES |
| Information Mission Area (Total) | 910 | | | | | |
| Telephone Switching | 350 | | | | | |
| Outside Cable Plant | 60 | | | | | |
| Common User Support | 285 | | | | | |
| DSN/DDN Node | 25 | | | | | |
| Post Wide | 45 | | | | | |
| TCC | 100 | | | | | |
| VTC | 45 | | | | | |

CLOSE HOLD

CLOSE HOLD

| MISSION REQUIREMENTS & OPERATIONAL READINESS | FORT SHAFTER | SCHOFIELD BARRACKS | FORT RICHARDSON | | FORT WAINWRIGHT | | FORT GREELY | | TRIPLER MED CTR |
|--|--------------|--------------------|-----------------|---------|-----------------|---------|-------------|---------|-----------------|
| | | | | REMARKS | | REMARKS | | REMARKS | |
| Maneuver Acres (000) | | 62 | 31.8 | 15 | 329.8 | 13 | 319.5 | | |
| Mechanized Maneuver Acres(000) | | 30 | 44 | | 0 | 14 | 0 | | |
| Medical Research Facilities | | | | | | | | | |
| Existing Facilities (Sq Ft/000) | | | | | | | | | 20.1 |
| Planned FY96 Construction of New Facilities (Sq Ft /000) | | | | | | | | | 65 |
| Ops/Admin Facilities (SqFt/000) | 246 | | | | | | | | |
| Patient Care Facilities (Sq Ft /000) | | | | | | | | | 1,493 |
| Ranges | | | | | | | | | |
| Number of MPRC Range | | 1 | 0 | | 0 | | 0 | | |
| Number of RETS Equipped firing pts | | 4 | 16 | | 0 | | 0 | | |
| Standard MOUT Range Available? | | YES | NO | 16 | NO | 15 | NO | | |
| Total Number of Ranges | | 75 | 31 | | 21 | | 1,513 | | |
| Reserve Support | | | | | | | | | |
| Reserve Training | | | | | | | | | |
| Annual Training (Number of Troops) | 189 | 3,733 | 835 | | 1,020 | | 151 | | 306 |
| Inactive Duty Training (Mandays) | 1,739 | 103,089 | 3,184 | | 528 | | 44 | | 3,460 |
| Special Airspace | DA Provided | DA Provided | DA Provided | | DA Provided | | DA Provided | | DA Provided |

CLOSE HOLD

CLOSE HOLD

| LAND & FACILITIES | FORT SHAFER | SCHOFIELD BARRACKS | FORT RICHARDSON | FORT WAINWRIGHT | FORT GREELY | TRIPLER MED CTR |
|-------------------------------------|---------------|--------------------|-----------------|-----------------|-------------|-----------------|
| | | | REMARKS | REMARKS | REMARKS | REMARKS |
| Average Age of Facilities (sq ft) | 40.9 | 35.9 | 35.2 | 27.3 | 31.6 | 32.9 |
| Barracks | | | 0 | 0 | 806 | 1 |
| Barracks & Family Housing | | | | | | |
| a. Family Housing | | | | | | |
| On the Installation | 5,802 | 1,757 | 1 | 2,169 | | |
| Off Post Housing | 2,195 | 928 | | 5,765 | 1 | |
| Total | 7,997 | 2,685 | | 6,790 | | |
| b. UOPH | 36 | 199 | | 212 | | |
| UEPH | 6,754 | 2,564 | | 6,370 | | |
| Total | 7,934 | 2,763 | | 6,582 | | |
| Environmental Capacity | | | | | | |
| Archaeology & Historical Buildings | 0.002 | 0.0001 | 1 | 1 | 1 | 0.005 |
| Endangered Species | 0 | 25 | 0 | 0 | 0 | 1 |
| Wetlands | 0 | 0 | 0.056 | 0.18 | 0.468 | 0 |
| Air Quality | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Quality | Not Available | 7 | 0 | 0 | 0 | 0 |
| Noise Quality | | | | | | |
| Zone II Off Post | 0 | Not Available | 0 | 500 | 0 | 0 |
| Zone III Off Post | 0 | Not Available | 0 | 300 | 0 | 0 |
| Contaminated Sites | | | | | | 1 |
| IRP | 46 | 39 | 66 | 92 | 42 | |
| NPL | 1 | 1 | 0 | 1 | 0 | |
| Infrastructure | | | | | | |
| Water Capacity (MGD) | 3.2 | 11.5 | 7 | 1.50 | 4.2 | 1.87 |
| Sewage Treatment (MGD) | 2.3 | 3.2 | 2.6 | 1.28 | 13.7 | 1.76 |
| Electrical Distribution (KVA) | 10,000 | 55,000 | 24,700 | 22,500 | 6,200 | 13,800 |
| Land Fill Cost (Short Ton) | \$54.00 | \$54.00 | 0 | 9.06 | 0 | 58.41 |
| Maintenance Facilities (sq ft)(000) | 107 | | | | | |
| Percent Permanent Facilities (%) | 76 | 85 | 96 | 90.6 | 70.6 | 99 |
| Supply & Storage (sq ft)(000) | 143,262 | | | | | |
| Work Space (gross sq ft)(000) | | 1,008 | 1,082 | 959 | 199 | |

CLOSE HOLD

| CONTINGENCY, MOBILIZATION, & OPERATIONAL READINESS | FORT | SCHOFIELD BARRACKS | FORT RICHARDSON | FORT WAINWRIGHT | FORT GREELY | TRIPLER MED CTR |
|--|-------------|--------------------|-----------------|-----------------|-------------|-----------------|
| Buildable Acres | 11.3 | 102.4 | 700 | REMARKS 4 | 700 | 500 |
| Deployment Network | | | | | | |
| Encroachment | DA Provided | DA Provided | DA Provided | 10.4 (PSM) | .23 (PSM) | DA Provided |
| Information Mission Area (IMA) | | | | | | |
| Telephone Switching | | 350 | 400 | 350 | 300 | 350 |
| Outside Cable Plant | | 60 | 180 | 220 | 220 | 100 |
| Common User Support | | 0 | 330 | 150 | 75 | 420 |
| DSN/DDN Node | | 25 | 25 | 25 | 25 | 75 |
| Post Wide | | 0 | 75 | 75 | 75 | 75 |
| TCC | | 75 | 50 | 50 | 25 | 0 |
| VTC | | 0 | 45 | 45 | 45 | 45 |
| Total | | 510 | 1,105 | 915 | 765 | 1,065 |
| Mobilization Capability | | | | | | |
| Mobilization Billets | 0 | 4,440 | 0 | 0 | 0 | 0 |
| Deployment Network | | | | | | |
| Railhead | | | | | 107 | |
| Airport (Miles) | | | | | 70 | 6 |
| Seaport (Miles) | | | | | 253 | |
| Highway (Miles) | | | | | N/A | 7 |

CLOSE HOLD



CLOSE HOLD

| COST & MANPOWER | FORT SHAFTER | SCHOFIELD BARRACKS | FORT RICHARDSON | REMARKS | FORT WAINWRIGHT | REMARKS | FORT GREELY | REMARKS | TRIPLER MED CTR |
|--------------------------------|--------------|--------------------|-----------------|---------|-----------------|---------|-------------|---------|-----------------|
| BASOPS/Mission Population | | | | | | | | | |
| a. BASOPS(-), Account (XXXX96) | | | | | | | | | |
| A. Real Estate Leases | | 842,523 | N/A | | 0 | | 0 | | |
| B. Supply Operations | 864,004 | 7,776,035 | 4,975,566 | | 2,064,935 | | 702,512 | | |
| C. Maintenance of Material | 306,341 | 2,757,072 | 3,085,680 | | 1,165,327 | | 30,267 | | |
| D. Transportation Services | 3,327,569 | 4,595,214 | 1,844,276 | | 1,869,372 | | 553,252 | | |
| E. Laundry & Dry Cleaning | | 1,083,757 | 1,161,843 | | 910,680 | | 0 | | |
| F. Army Food Service | 260,000 | 3,394,272 | 888,253 | | 1,215,357 | | 257,697 | | |
| G. Personnel Support | 821,391 | 5,497,003 | 2,206,956 | | 614,944 | | 228,405 | | |
| H. Unaccompanied Pers Hsg Ops | 57,853 | 1,099,200 | 1,027,806 | | 436,439 | | 258,236 | | |
| J. Utilities | 13,182,787 | 17,474,858 | 9,807,649 | | 11,429,125 | | 3,459,726 | | |
| M. Other Engineering Support | 12,718,898 | 19,078,347 | 12,015,151 | | 6,223,803 | | 1,862,071 | | |
| N. Administration | 2,553,482 | 3,993,908 | 4,002,008 | | 1,510,587 | | 464,817 | | |
| P. Automation Activities | 931,362 | 6,232,961 | 2,127,591 | | 18,101 | | N/A | 3 | |
| Q. Reserve Component Support | | | 11,778 | | N/A | | N/A | 3 | |
| S. Community & Morale Support | 2,266,851 | 3,130,413 | 3,072,437 | | 2,091,318 | | 1,176,900 | | |
| T. Preservation of Order | 1,724,865 | 2,381,957 | 468,519 | | 100,213 | | 22,206 | | |
| U. Dir of Resource Mgt | 853,876 | 5,714,399 | 3,494,776 | | 447,034 | | 122,827 | | |
| W. Dir of Contracting | 2,340,684 | | 1,399,716 | | 259,031 | | 0 | | |
| X. Security & Counterintel Ops | | | 343,171 | | 55,834 | | 36,779 | | |
| Y. Records Management, Pubs | 817,386 | 817,387 | 1,438,100 | | N/A | 2 | N/A | | |

CLOSE HOLD

CLOSE HOLD

| COST & MANPOWER | FORT SHAFTER | SCHOFIELD BARRACKS | FORT RICHARDSON | FORT WAINWRIGHT | FORT GREELY | TRIPLER MED CTR | | |
|--|--------------|--------------------|-----------------|-----------------|-------------|-----------------|-------------|---|
| Accts (XXXX76 - XXXX78) | | | | REMARKS | REMARKS | REMARKS | | |
| K. Maint & Repair of Real Property | 9,720,471 | 14,580,706 | 5,734,822 | | 9,745,318 | 2,789,078 | | |
| L. Minor Construction | 497,632 | 746,449 | 1,011,474 | | 161,522 | 87,529 | | |
| DOD Separate Major Repair/Minor Construction Appropriation in FY93 | | | 7,836,188 | 1A | 15,425,220 | 2A | 2,643,801 | 4 |
| c. Environmental Program (XXXX56) | 485,774 | 9,229,706 | 10,264,547 | | 15,910,184 | 953,939 | | |
| d. Audio-Visual, Acct (XXXX90) | 486,642 | 486,642 | 333,831 | | 168,500 | 72,500 | | |
| e. Base Commo, Accts (XXXX95) | 927,038 | 8,343,342 | 112,154 | | 112,954 | 68,408 | | |
| f. Family Programs, Accts (878708, 878719, 878720) | 373,947 | 3,365,520 | 1,816,945 | | 1,252,035 | 380,341 | | |
| Mission Population Supported | DA Provided | DA Provided | DA Provided | | DA Provided | DA Provided | DA Provided | |
| Cost of Living Index | DA Provided | DA Provided | DA Provided | | DA Provided | DA Provided | DA Provided | |
| Health Care Support Index | | | | | | | 1,158 | |
| Housing Cost | | | | | | | 5,651 | |
| Housing Cost Per Dwelling Unit | 5,651.00 | 4,203.00 | 8,200.00 | | 7,200.00 | | | |
| Locality Pay Factor | 1.08 | 1.08 | 1.08 | | 1.08 | 1.08 | | |
| MCA Cost Factor | DA Provided | DA Provided | DA Provided | | DA Provided | DA Provided | DA Provided | |
| VHA Factor | DA Provided | DA Provided | DA Provided | | DA Provided | DA Provided | | |

CLOSE HOLD

From the desk of ...
Ms. Christel M. Hignett
The Army Basing Study Office
HQDA, OCSA, DACS-TAB

8 JUL 94

SUBJECT: DATA CALL #1

TO: BARBARA MITCHELL

Barbara,

As I am putting the IA data into D-PAD I find that the data the MACOM's submitted for Family Housing and Barracks differs significantly from what is in the HQRPLAN.

Attached is the page of the HQRPLANS that applies to Ft Shafter. The panned in numbers are the ones you submitted.

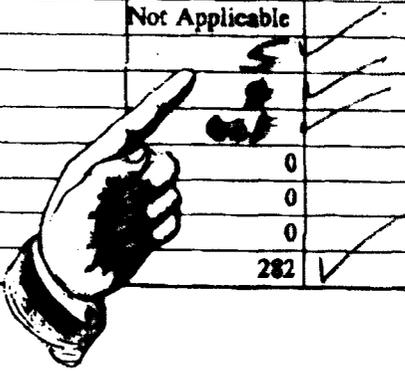
Please review the data and provide the explanation and/or changes via datafax NLT 12 Jul 94. My fax number is (703) 693-9322 or DSN 223-9322

Christel Hignett
DACs-TABS

| FCG | DESCRIPTION | UM | CC | DESIGN USE | CC | DESCRIPTION | UM | PERM ASSETS | PLANNED FY 92-96 CONST PROJ | TOTAL ASSETS |
|-------|----------------|----|-------|-----------------|----|-------------|----|-------------|-----------------------------|--------------|
| 42200 | AMMO STOR-INST | SF | 42285 | UNIT SM ARM STR | SF | | | 55,391 | 0 | 55,391 |
| ***** | | | | | | | | 55,391 | 0 | 55,391 |
| sum | | | | | | | | 55,391 | 0 | 55,391 |
| ***** | | | | | | | | 55,391 | 0 | 55,391 |
| ***** | | | | | | | | 55,391 | 0 | 55,391 |
| 7210S | ENL UPH (FLNG) | PN | | | | | | 500 | 0 | 500 |
| ***** | | | | | | | | 500 | 0 | 500 |
| sum | | | | | | | | 500 | 0 | 500 |
| 7240P | OFF UPH | PN | 72410 | OFF QTRS MIL | PN | | | 0 | 0 | 22 |
| ***** | | | | | | | | 7 | 0 | 7 |
| sum | | | | | | | | 7 | 0 | 29 |
| ***** | | | | | | | | 7 | 0 | 29 |
| ***** | | | | | | | | 7 | 0 | 29 |
| ***** | | | | | | | | 507 | 0 | 509 |
| ***** | | | | | | | | 507 | 0 | 509 |
| 7110F | FAMILY HOUSING | FA | 71111 | GENERAL | FA | | | 0 | 0 | 0 |
| ***** | | | | | | | | 10 | 0 | 10 |
| sum | | | | | | | | 130 | 0 | 133 |
| ***** | | | | | | | | 140 | 0 | 140 |
| ***** | | | | | | | | 2,387 | 0 | 2,389 |
| ***** | | | | | | | | 34 | 0 | 34 |
| ***** | | | | | | | | 30 | 0 | 30 |
| ***** | | | | | | | | 64 | 0 | 64 |
| ***** | | | | | | | | 452 | 0 | 452 |
| sum | | | | | | | | 1267 | 0 | 3,249 |
| ***** | | | | | | | | 1267 | 0 | 3,249 |
| 7110P | OFF POST HSG | FA | | | | | | 399 | 0 | 399 |
| ***** | | | | | | | | 399 | 0 | 399 |
| sum | | | | | | | | 399 | 0 | 399 |
| ***** | | | | | | | | 399 | 0 | 399 |
| 7210S | ENL UPH (FLNG) | PN | | | | | | 500 | 0 | 500 |
| ***** | | | | | | | | 500 | 0 | 500 |
| sum | | | | | | | | 500 | 0 | 500 |
| ***** | | | | | | | | 500 | 0 | 500 |
| 7240P | OFF UPH | PN | 72410 | OFF QTRS MIL | PN | | | 0 | 0 | 22 |
| ***** | | | | | | | | 7 | 0 | 7 |
| sum | | | | | | | | 7 | 0 | 29 |
| ***** | | | | | | | | 7 | 0 | 29 |
| ***** | | | | | | | | 22 | 0 | 22 |
| ***** | | | | | | | | 22 | 0 | 22 |
| ***** | | | | | | | | 4,153 | 0 | 4,197 |
| ***** | | | | | | | | 4,153 | 0 | 4,197 |

HOLD

| CONTINGENCY, MOBILIZATION, & FUTURE REQUIREMENTS | FORT SHAFTER | SCHOFIELD BARRACKS | FORT RICHARDSON | REMARKS | FORT WAINWRIGHT | REMARKS | FORT GREELY | REMARKS | TRIPLER MED CTR |
|--|----------------|--------------------|-----------------|---------|-----------------|---------|-------------|---------|-----------------|
| Buildable Acres | 11.3 | 110.3 | 700 | 4 | 700 | | 500 | | 17.2 |
| Encroachment | DA Provided | DA Provided | DA Provided | | 10.4 (PSM) | | .23(PSM) | | DA Provided |
| Information Mission Area (IMA) | | | | | | | | | |
| Telephone Switching | | 350 | 400 | | 350 | | 300 | | 350 |
| Outside Cable Plant | | 60 | 180 | | 220 | | 220 | | 100 |
| Common User Support | | 0 | 330 | | 150 | | 75 | | 420 |
| DSN/DDN Node | | 25 | 25 | | 25 | | 25 | | 75 |
| Post Wide | | 0 | 75 | | 75 | | 75 | | 75 |
| TCC | | 75 | 50 | | 50 | | 25 | | 0 |
| VTC | | 0 | 45 | | 45 | | 45 | | 45 |
| Total | | 510 | 1,105 | | 915 | | 765 | | 1,065 |
| Mobilization Capability | | | | | | | | | |
| Mobilization Billets | 0 | 4,440 | 0 | | 0 | | 0 | | 0 |
| Deployment Network | | | | | | | | | |
| Railhead | Not Applicable | | | | | | 107 | | |
| Airport (Miles) | | | | | | | 70 | 6 | |
| Seaport (Miles) | | | | | | | 253 | | |
| Highway (Miles) | | | | | | | 1 | 7 | |
| Ranges | 0 | | | | | | | | |
| Net Maneuver Acres | 0 | | | | | | | | |
| Contiguous Maneuver Acres | 0 | | 54 | | | | | | |
| Workspace | 282 | | | | | | | | |



FACSIMILE TRANSMITTAL HEADER SHEET

| | | | | | | | |
|-----------------------------|------------|------------------------------------|-------------|----------------------------|------|----------------------|--|
| COMMAND/ OFFICE | | NAME/OFFICE SYMBOL | | OFFICE PHONE (DSN/COMM) | | FAX NO (DSN/COMM) | |
| FROM HQ USARPAC DCSRM | | <i>Barbara Mitchell</i> APRM-MC | | 438-8966 | | DSN 438-9234 | |
| TO HQDA TABS | | <i>Crystal Sigrist</i> | | | | (703) 693-9322 | |
| CLASSIFICATION | PRECEDENCE | NO. PAGES (INCL. HEADER) | DATE - TIME | MONTH | YEAR | RELEASER'S SIGNATURE | |
| | | 2 | 29 1030 | 6 | 94 | | |

REMARKS *Crystal*
The Request Deployment Network for A & Shafter is

JUN 29 '94 10:09AM USAG HI, DRM

P.2

BRAC 95 INSTALLATION ASSESSMENT (IA) PROGRAM

| ATTRIBUTE | SOURCE | FT SHAFTER | SCHOFIELD BARRACKS |
|---|---|--|--|
| ACCESSIBILITY (MILES) | INSTALLATION | 9.78 | NOT REQUIRED |
| AVERAGE AGE OF FACILITIES | INSTALLATION | 40.9 | 35.9 |
| BARRACKS (UPK) AND FAMILY HOUSING FAMILY HOUSING UNITS ON BASE OFF POST HOUSING TOTAL UOPK UEPK TOTAL | INSTALLATION <i>included in D-PAD 6/30</i> | 1,267 1,346 2,613 22 500 522 | 5,802 2,198 7,997 36 7,034 7,070 |
| BASOPS/MISSION POPULATION | MACOM | | |
| BUILDABLE ACRES | INSTALLATION | 11.3 | 110.3 |
| COST OF LIVING INDEX | DA | | |
| DEPLOYMENT NETWORK RAILHEAD AIRPORT SEAPORT HIGHWAY | INSTALLATION | NOT REQUIRED N/A * 5 1 0.1 | None 18 15 1 |
| ENCROACHMENT | DA | | |
| ENVIRONMENTAL CARRYING CAPACITY ARCHAEOLOGY & HISTORIC BLDGS ENDANGERED SPECIES WETLANDS AIR QUALITY WATER QUALITY NOISE QUALITY ZONES II AND III OFF POST (ACRES) CONTAMINATED SITES IRP NPL | INSTALLATION | .0263 0 0 1 0 0 0 20 0 | .0014 66 0 1 15 13,510 30 1 |
| FAMILY HOUSING COST PER DWELLING UNIT | INSTALLATION | \$5651 | \$4203 |
| IMPACT ACRES TOTAL ACRES AIR FORCE BOMBING CAPABLE ATTACK HELICOPTER CAPABLE TUBE ARTILLERY CAPABLE ... CAPABLE | INSTALLATION | NOT REQUIRED | 55,724 YES YES YES YES |

CLOSE HOLD

SEE ATTACHED REMARKS

| MISSION REQUIREMENTS & OPERATIONAL READINESS | FORT | SCHOFIELD BARACKS | FORT RICHARDSON | FORT WAINWRIGHT | FORT GREELY | TRIPLE MED CTR |
|--|--------|-------------------|-----------------|-----------------|-------------|----------------|
| Accessibility (miles) | 9.75 | | REMARKS | REMARKS | REMARKS | REMARKS |
| Applied Instruction Facilities (Sq Ft) | | | | | | 9,000 |
| Baracks & Family Housing | | | | | | |
| a. Family Housing Units: | | | | | | |
| On Base | 1,267 | | | | | |
| Off Base | 1346 | | | | | |
| Total | 2,613 | | | | | |
| b. UOPH | 29 | | | | | |
| UEPH | 500 | | | | | |
| Total | 522 | | | | | |
| Deployment Network | | | | | | |
| Railhead | None | 0 | 3 | 0 | 0 | None |
| Airport (miles) | 5 | 18 | 3 | 5 | 0 | 5.8 |
| Seaport | 8 | 15 | 7 | 4 | 365 | 5.4 |
| Highway | 101 | 1 | None | 6 | None | 1.9 |
| Impact Area | | | | | | |
| Impact Acres (Number of Acres) | 55,724 | 7,915 | 60,000 | 254,103 | | |
| Air Force Bombing Capable | YES | NO | YES | YES | | |
| Air Force Helicopter Capable | YES | YES | YES | YES | | |
| Tube Artillery Capable | YES | YES | YES | YES | | |
| MLRS Capable | YES | NO | NO | NO | | |
| Information Mission Area (Total) | 910 | | | | | |
| Telephone Switching | 350 | | | | | |
| Outside Cable Plant | 60 | | | | | |
| Common User Support | 285 | | | | | |
| DSN/DDN Node | 25 | | | | | |
| Port Wide | 45 | | | | | |
| TCC | 100 | | | | | |
| VTC | 45 | | | | | |

CLOSE

HOLD

| MISSION REQUIREMENTS & OPERATIONAL READINESS | FORT SHAFER | SCHOFIELD BARRACKS | FORT RICHARDSON | | FORT WAINWRIGHT | | FORT GREELY | | TRIPLER MED CTR |
|--|-------------|--------------------|-----------------|---------|-----------------|---------|-------------|---------|-----------------|
| | | | REMARKS | REMARKS | REMARKS | REMARKS | REMARKS | REMARKS | |
| Maneuver Acres (000) | | 62 | 31.8 | 15 | 329.8 | 13 | 319.5 | | |
| Mechanized Maneuver Acres(000) | | 30 | 44 | | 0 | | 0 | 14 | |
| Medical Research Facilities | | | | | | | | | |
| Existing Facilities (Sq Ft/000) | | | | | | | | | 201 |
| Planned FY96 Construction of New Facilities (Sq Ft /000) | | | | | | | | | 65 |
| Ops/Admin Facilities (SqFt/000) | 246 | | | | | | | | |
| Patient Care Facilities (Sq Ft /000) | | | | | | | | | 1,493 |
| Ranges | | | | | | | | | |
| Number of MPRC Range | | 1 | 0 | | 0 | | 0 | | |
| Number of RETS Equipped firing pls | | 4 | 16 | | 0 | | 0 | | |
| Standard MOUT Range Available? | | YES | NO | 16 | NO | 15 | NO | | |
| Total Number of Ranges | | 75 | 31 | | 21 | | 1513 | | |
| Reserve Support | | | | | | | | | |
| Reserve Training | | | | | | | | | |
| Annual Training (Number of Troops) | 189 | 3,733 | 835 | | 1020 | | 151 | | 306 |
| Inactive Duty Training (Mandays) | 1,739 | 103,069 | 3,184 | | 528 | | 44 | | 3,460 |
| Special Airspace | DA Provided | DA Provided | DA Provided | | DA Provided | | DA Provided | | DA Provided |

CLOSE HOLD

| LAND & FACILITIES | PORT SHAFER | SCHOFFIELD BARRACKS | PORT RICHARDSON | PORT WAINWRIGHT | FORT GREELY | TRIPLE MED CTR |
|-------------------------------------|---------------|---------------------|-----------------|-----------------|-------------|----------------|
| Average Age of Facilities (sq ft) | 40.9 | 35.9 | 35.2 | 27.3 | 31.6 | 32.9 |
| Barracks | | | 0 | 0 | 806 | 1 |
| Barracks & Family Housing | | | | | | |
| a. Family Housing | | | | | | |
| On the Installation | 5,802 | 1,757 | 1 | 2,169 | | |
| Off Post Housing | 2,195 | 928 | | 5,765 | 1 | |
| Total | 7,997 | 2,685 | | 6,790 | | |
| b. UOPH | 36 | 199 | | 212 | | |
| UEPH | 6,754 | 2,564 | | 6,370 | | |
| Total | 6,790 | 2,763 | | 6,582 | | |
| Environmental Capacity | 0.002 | 0.0001 | 1 | 1 | 1 | 0.005 |
| Archaeology & Historical Buildings | 0 | 25 | 0 | 0 | 0 | 1 |
| Endangered Species | 0 | 0 | 0 | 0 | 0 | 0 |
| Wetlands | 0 | 0.056 | 0.18 | 0.468 | 0 | 0 |
| Air Quality | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Quality | Not Available | 7 | 0 | 0 | 0 | 0 |
| Noise Quality | 0 | 0 | 0 | 0 | 0 | 0 |
| Zone II Off Post | 0 | Not Available | 0 | 500 | 0 | 0 |
| Zone III Off Post | 0 | Not Available | 0 | 300 | 0 | 0 |
| Contaminated Sites | 46 | 39 | 66 | 92 | 42 | 1 |
| IRP | | | 9 | 1 | 9 | |
| NPL | | 1 | 0 | 1 | 0 | |
| Infrastructure | | | | | | |
| Water Capacity (MOD) | 3.2 | 11.5 | 7 | 1.50 | 4.2 | 1.87 |
| Sewage Treatment (MGD) | 2.3 | 3.2 | 2.6 | 1.28 | 13.7 | 1.76 |
| Electrical Distribution (KVA) | 10,000 | 55,000 | 24,700 | 22,500 | 6,200 | 13,800 |
| Land Fill Cost (Short Ton) | \$54.00 | \$54.00 | 0 | 9.06 | 0 | 58.41 |
| Maintenance Facilities (sq ft)(000) | 107 | | | | | |
| Percent Permanent Facilities (%) | 76 | 85 | 96 | 90.6 | 70.6 | 99 |
| Supply & Storage (sq ft)(000) | 143,262 | | | | | |
| Work Space (gross sq ft)(000) | 1,008 | 1,008 | 1,082 | 959 | 199 | |

CLOSE HOLD

copy look

| CONTINGENCY, MOBILIZATION, & PORT | SHAFTER | SCHOFFIELD BARRACKS | PORT RICHARDSON | PORT WAINWRIGHT | FORT GREELY | TRINER MED CTR |
|-----------------------------------|-------------|---------------------|-----------------|-----------------|-------------|----------------|
| Buildable Acres | 11.3 | 102.4 | 700 | 700 | 500 | 17.2 |
| Deployment Network | | | | | | |
| Encroachment | DA Provided | DA Provided | 10.4 (PSM) | 23 (PSM) | DA Provided | |
| Information Mission Area (IMA) | | | | | | |
| Telephone Switching | 350 | 400 | 350 | 300 | 350 | |
| Outside Cable Plant | 60 | 180 | 220 | 220 | 220 | 100 |
| Common User Support | 0 | 330 | 150 | 75 | 420 | |
| DSN/DDN Node | 25 | 25 | 25 | 25 | 75 | 75 |
| Post Wide | 0 | 75 | 75 | 75 | 75 | 75 |
| TCC | 75 | 50 | 50 | 25 | 0 | 0 |
| VTC | 0 | 45 | 45 | 45 | 45 | 45 |
| Total | 510 | 1,105 | 915 | 765 | 1,065 | |
| Mobilization Capability | | | | | | |
| Mobilization Billets | 0 | 4,440 | 0 | 0 | 0 | 0 |
| Deployment Network | | | | | | |
| Railhead | | | | | | |
| Airport (Miles) | | | | | 107 | |
| Seaport (Miles) | | | | | 70 | 6 |
| Highway (Miles) | | | | | 253 | 7 |

CLOSE

HOLD

| COST & MANPOWER BASOPS/Mission Population | FORT SHAFTER | SCHOFIELD BARRACKS | FORT RICHARDSON | | FORT WAINWRIGHT | | FORT GREELY | | TRIPLER MED CTR |
|--|-----------------|-----------------------|-----------------|--|-----------------|---|-------------|---|--------------------|
| | | | REMARKS | | REMARKS | | REMARKS | | |
| a. BASOPS(-), Account (XXXX96) | | | | | | | | | |
| A. Real Estate Leases | | 842,523 | N/A | | 0 | | 0 | | |
| B. Supply Operations | 864,004 | 7,776,035 | 4,975,566 | | 2,064,935 | | 702,512 | | |
| C. Maintenance of Material | 306,341 | 2,757,072 | 3,065,680 | | 1,165,327 | | 30,267 | | |
| D. Transportation Services | 3,327,569 | 4,595,214 | 1,844,276 | | 1,869,372 | | 553,252 | | |
| E. Laundry & Dry Cleaning | | 1,083,757 | 1,161,843 | | 910,680 | | 0 | | |
| F. Army Food Service | 260,000 | 3,394,272 | 888,253 | | 1,215,357 | | 257,697 | | |
| G. Personnel Support | 821,391 | 5,497,003 | 2,206,956 | | 614,944 | | 228,405 | | |
| H. Unaccompanied Pers Hsg Ops | 57,853 | 1,099,200 | 1,027,806 | | 436,439 | | 258,236 | | |
| J. Utilities | 13,182,787 | 17,474,858 | 9,807,649 | | 11,429,125 | | 3,459,726 | | |
| M. Other Engineering Support | 12,718,898 | 19,078,347 | 12,015,151 | | 6,223,803 | | 1,862,071 | | |
| N. Administration | 2,553,482 | 3,993,908 | 4,002,008 | | 1,510,587 | | 464,817 | | |
| P. Automation Activities | 931,362 | 6,232,961 | 2,127,591 | | 18,101 | | N/A | 3 | |
| Q. Reserve Component Support | | | 11,778 | | N/A | | N/A | 3 | |
| S. Community & Morale Support | 2,266,851 | 3,130,413 | 3,072,437 | | 2,091,318 | | 1,176,900 | | |
| T. Preservation of Order | 1,724,865 | 2,381,957 | 468,519 | | 100,213 | | 22,206 | | |
| U. Dir of Resource Mgt | 853,876 | 5,714,399 | 3,494,776 | | 447,034 | | 122,827 | | |
| W. Dir of Contracting | 2,340,684 | | 1,399,716 | | 259,031 | | 0 | | |
| X. Security & Counterintel Ops | | | 343,171 | | 55,834 | | 36,779 | | |
| Y. Records Management, Pubs | 817,386 | 817,387 | 1,438,100 | | N/A | 2 | N/A | | |

CLOSE HOLD

| COST & MANPOWER | FORT SHAFTER | SCHOFIELD BARRACKS | FORT RICHARDSON | | FORT WAINWRIGHT | | FORT GREELY | | TRIPLER MED CTR |
|--|--------------|--------------------|-----------------|---------|-----------------|---------|-------------|---------|-----------------|
| | | | | REMARKS | | REMARKS | | REMARKS | |
| Accts (XXXX76 - XXXX78) | | | | | | | | | |
| K. Maint & Repair of Real Property | 9,720,471 | 14,580,706 | 5,734,822 | | 9,745,318 | | 2,789,078 | | |
| L. Minor Construction | 497,632 | 746,449 | 1,011,474 | | 161,522 | | 87,529 | | |
| DOD Separate Major Repair/Minor Construction Appropriation in FY93 | | | 7,836,188 | 1A | 15,425,220 | 2A | 2,643,801 | 4 | |
| c. Environmental Program (XXXX56) | 485,774 | 9,229,706 | 10,264,547 | | 15,910,184 | | 953,939 | | |
| d. Audio-Visual, Acct (XXXX90) | 486,642 | 486,642 | 333,831 | | 168,500 | | 72,500 | | |
| e. Base Commo, Accts (XXXX95) | 927,038 | 8,343,342 | 112,154 | | 112,954 | | 68,408 | | |
| f. Family Programs, Accts (878708, 878719, 878720) | 373,947 | 3,365,520 | 1,816,945 | | 1,252,035 | | 380,341 | | |
| Mission Population Supported | DA Provided | DA Provided | DA Provided | | DA Provided | | DA Provided | | DA Provided |
| Cost of Living Index | DA Provided | DA Provided | DA Provided | | DA Provided | | DA Provided | | DA Provided |
| Health Care Support Index | | | | | | | | | 1,158 |
| Housing Cost | | | | | | | | | 5,651 |
| Housing Cost Per Dwelling Unit | 5,651.00 | 4,203.00 | 8,200.00 | | 7,200.00 | | | | |
| Locality Pay Factor | 1.08 | 1.08 | 1.08 | | 1.08 | | 1.08 | | |
| MCA Cost Factor | DA Provided | DA Provided | DA Provided | | DA Provided | | DA Provided | | DA Provided |
| VHA Factor | DA Provided | DA Provided | DA Provided | | DA Provided | | DA Provided | | |

Document Separator

V01
From: COLEF --MON1
To: FRANKSJ --MON1

Note
Date and time 07/19/94 12:48:48
HOLLISB --FOR3083

From: Francine Cole
Subject: Data Call No. 1 Additional Information

Additional data for Ft Monroe forwarded as requested.

*** Forwarding note from CRANFORD--MON1 07/19/94 11:15 ***
To: COLEF --MON1

From: MAJ DEBORAH D. CRANFORD, DSN 680-2006 DRM, FT MONROE, VA
Subject: Data Call No. 1 Additional Information
as requested

*** Forwarding note from MEEW --MON1 07/19/94 09:27 ***
To: FRANKSJ --MON1
cc: CRANFORD--MON1 CLARKW --MON1
GAUSEN --MON1 BELLB --MON1

FROM: William Mee, DRM MED/MAD Div., (ATZG-RM-F), x3192
Subject: Data Call No. 1 Additional Information

~~Fort Monroe has no net or contiguous manuever areas.~~

E N D O F N O T E

Command ==>

F1=Help F2=File F3=Keep F4=Discard F5=Route F6=Reply F7=Resend F8=Print
F9=Newnote F10=Forward F11=Backward F12=Cancel

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified
as of 18 July 94**

1. Mismatch between POM FY91-93 AFH costs and FY94 AFH units. AFH units should be 5937 to match FY91-93 costs.
2. Fort Chaffee maneuver acres should be 62,046, not 63,059 as reported.
3. Fort Bliss IMA Communications Secure Processor should be "no", not "yes" as reported. This will change total IMA points from 1,255 to 1,230.
4. AAA findings identified at Fort Knox, Fort Rucker and Carlisle Barracks.
5. AAA findings identified during their review of TRADOC Headquarters.
6. Fort Benning Mechanized Maneuver Acres was not reported and should be 40,000.
7. Mobilization Capability was not complete and should be as follows:

| | Monroe | Leavenworth | Carlisle |
|---|---------|-------------|----------|
| Mobilization Capability/Billets: | | | |
| Permanent Officer Mob UOPH: | 8 ✓ | ?? | 0 |
| Permanent Enlisted Mob UEPH: | 92 ✓ | ?? | 0 |
| Temporary Officer Mob UOPH: | 16 ✓ | ?? | 0 |
| Temporary Enlisted Mob UEPH: | 0 | ?? | 0 |
| Deployment Network: | | | |
| Railhead Distance | 7 ✓ | ?? | ?? |
| Airport Distance | 6 ✓ | ?? | ?? |
| Seaport Access Distance | 8 ✓ | ?? | ?? |
| Interstate Highway | 2 ✓ | ?? | ?? |
| Ranges: | | | |
| Number of MPRC: | 0 ✓ | ?? | ?? |
| Number of RETS Equipped Firing Pts: | 0 ✓ | ?? | ?? |
| Standard MOU Range Available: | 0 ✓ | ?? | ?? |
| Total Number of Ranges: | 0 ✓ | ?? | ?? |
| Net Maneuver Acres: | ?? | ?? | ?? |
| Contiguous Maneuver Acres: | ?? | ?? | ?? |
| Work Space: | | | |
| Maint Hanger AVUM (FCG 21110): | 0 | | |
| Maint Hanger AVIM (FCG 21111): | 0 | | |
| NG Maint Fac (FCG 21407): | 0 | | |
| AR Maint Fac (FCG 21409): | 0 | | |
| Veh Maint Shop Org (FCG 21410): | 48128 ✓ | | |
| Veh Maint Shop DS (FCG 21420): | 0 | | |
| Sp Pur Maint Shop (FCG 21800): | 4 ✓ | | |
| Maint Inst O&R (FCG 21900): | 30 ✓ | | |
| AV Unit Ops Bldg (FCG 14112): | 0 | | |
| AF Ops Bldg (FCG 14110): | 0 | | |
| Bde HQ Bldg (FCG 14182): | 0 | | |
| Bn HQ Bldg (FCG 14183): | 0 | | |
| Co HQ Bldg (FCG 14185): | 0 | | |
| Gen Purpose Admin (FCG 61050): | 568 ✓ | | |
| MILCON (FY92-96): | 0 | | |

D-PAD

7/20

already

in

D-PAD

in

D-PAD

** Obviously this was not converted to K's*

D-PAD

7/20

8. Off post Housing was not included in the Family Housing totals. New Family Housing totals are:

| | |
|--------------------------|------------------------------|
| Carlisle Barracks .. 612 | Fort Benning .. 9628 |
| Fort Bliss .. 7448 | Fort Chaffee .. 0 |
| Fort Eustis .. 5736 | Fort Gordon .. 5307 |
| Fort Huachuca .. 4006 | Fort Jackson .. 4763 |
| Fort Knox .. 8339 | Fort Leavenworth .. 2910 |
| Fort Lee .. 2455 | Fort Leonard Wood .. 4453 |
| Fort McClellan .. 2867 | Fort Rucker .. 4233 |
| Fort Sill .. 14025 | Presidio of Monterey .. 2200 |

9. Fort Monroe Barracks and Family Housing total is 1,102. ✓

10. When validating data call #3 (Environmental), some adjustments were necessary to data call #1:

Fort Benning: Change Eligible/Potential Sites from 1,100 to 386
Change Total Acres Surveyed from 45,000 to 45,500
Fort Chaffee: Change Total Acres Surveyed from 50,000 to 49,639
Change Acres AICUZ Zone II from 150 to 141
Fort Knox: Change Total Wetland Acreage from 2,000 to 900
Fort L. Wood: Change Total Installation Acres from 62,910 to 62,911
POM: Change Total Acres Surveyed from 120 to 849
Change Number of IRP Sites from 7 to 8
Change Contaminated Sites from 10 to 11

11. BASOPS costs:

| | Chaffee | Sill | POM |
|---|---------|---------|--------|
| BASOPS Spt, O&MA & RDT&E Costs (FY93 \$K) | 34,706 | 113,029 | 34,618 |
| BASOPS, Account 815796 less P & Y | 21,054 | 65,688 | 24,149 |
| Personnel | 9,397 | 21,290 | 15,102 |
| Non-Personnel | 11,657 | 44,398 | 9,047 |
| BASOPS, Account 815796P & 815796Y | 0 | 5,389 | 3,339 |
| RPM, Accounts 815776L & 815778K | 12,465 | 20,458 | 3,034 |
| Envir Pgms (ECAP), Account 815756 | 1,012 | 3,800 | 1,147 |
| Audio-Visual, Account 815790 | 175 | 1,966 | 890 |
| Base Commo, Account 815795 | 0 | 2,793 | 1,048 |
| Family Pgms, Accts 878708/19/20 | 0 | 1,699 | 1,011 |
| DoDRPM 92/93 Total | 0 | 190 | 0 |
| Personnel | 0 | 0 | 0 |
| Non-Personnel | 0 | 190 | 0 |
| DoDRPM 93/94 Total | 0 | 11,046 | 0 |
| Personnel | 0 | 50 | 0 |
| Non-Personnel | 0 | 10,996 | 0 |

12. There are no other know discrepancies with data call #1 to the best of my knowledge.

V01
From: COLEF --MON1
To: HIGNETT --FOR3083
cc: TAYLORBD--MON1

Note

Date and time 07/12/94 09:50:33

FRANKSJ --MON1

From: Francine Cole
Subject: DATA CALL #1

Crystal, 819 is the correct number of off post housing units for Ft. Monroe. This number has not been certified and should be considered as an interim response to your request.

Francine Cole

E N D O F N O T E

Command ==>

F1=Help F2=File F3=Keep F4=Discard F5=Route F6=Reply F7=Resend F8=Print
F9=Newnote F10=Forward F11=Backward F12=Cancel

From the desk of ...
Ms. Christel M. Hignett
The Army Basing Study Office
HQDA, OCSA, DACS-TAB

8 JUL 94

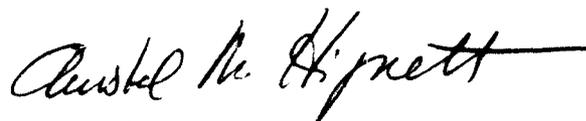
SUBJECT: DATA CALL #1

TO: HQ TRADOC, ATTN: Ms. Francine Cole

Francine,

I noticed in your response to our data call #1 you did not provide a number for off-post housing for Fort Monroe. The HQRPLAN (FSG 7110P) shows 819. Please let me know if there is a reason you did not submit a number of off-post family housing and/or your revised input.

Please datafax your response back to me NLT 12 Jul 94. My fax number is (703) 693-9322 or DSN 223-9322.


Christel M. Hignett
Analyst

819 correct #
interim

V01

Note

Date and time 06/28/94 13:48:15

From: FRANKSJ --MON1
To: HIGNETT --FOR3083
COLEF --MON1

From: LTC JOHN C FRANKS, 680-4273
Subject: Data Call #1

Crystal -- Here are some numbers. Not all, but most numbers. We are trying to get all the numbers and confirm they are right as quickly as possible. Please note, these are NOT CERTIFIED. TRADOC does not stand behind these numbers. We are trying to be a responsive as possible. -- John

*** Forwarding note from FRANKSJ --MON1 06/24/94 21:57 ***
To: TAYLORBD--MON1 COLEF --MON1
ROSZKOWJ--MON1 RHYNEJ --MON1
TASSONEG--MON1 FARLEYD --MON1
BACKLUNW--MON1 CLAPPI --MON1
LANEW --MON1 COLEF --MON1
DRAKEM --MON1 SAVILLEP--MON1

EPUEJV003E You are already at the top of the note.

Command ==>

F1=Help F2=File F3=Keep F4=Discard F5=Route F6=Reply F7=Resend F8=Print
F9=Newnote F10=Forward F11=Backward F12=Cancel

V01

DRAKEM --MON1
CULLIFEE--MON1

Note

SAVILLEP--MON1
HICKSS2 --MON1

m: LTC JOHN C FRANKS, 680-4273
subject: Data Call #1

In making Data Call #1 submission to HQDA, TRADOC did not provide the following data elements. Request the TRADOC staff review these data elements for correctness/accuracy and advise this office ASAP. Certification is not necessary because the data elements will be certified when we review the DA data elements within the next couple of weeks.

Fort Benning:

Mechanized Manuever Acres: 40,000 (DCST please confirm)

Fort Monroe:

Mobilization Capability/Billets: (DCSBOS please confirm)

TOTAL 462

Permanent Officer Mob UOPH: 0

Permanent Enlisted Mob UEPH: 92

Command ==>

F1=Help F2=File F3=Keep F4=Discard F5=Route F6=Reply F7=Resend F8=Print
Newnote F10=Forward F11=Backward F12=Cancel

V01

Note

Permanent Enlisted Mob UEPH: 92

Temporary Officer Mob UOPH: 229

Temporary Enlisted Mob UEPH: 141

Deployment Network: (DCSBOS please confirm)

Railhead Distance (city/miles): 7

Airport Distance (city/miles): 6

Seaport Access Distance (city/miles): 8

Interstate Highway (miles): 2

Ranges: (DCST please confirm)

Number of MPRC: 0

Number of RETS Equipped Firing Points: 0

Standard MOUT Range Available (Y/N): No

Total Number of Tanges: 0

New Maneuver Acres: ??? (DCST please provide)

Contiguous Maneuver Acres: ??? (DCST please provide)

Work Space: (DCSBOS please confirm)

Maint Hanger AVUM (FCG 21110): 0

Maint Hanger AVIM (FCG 21111): 0

NG Maint Fac (FCG 21407): 0

Command ==>

F1=Help F2=File F3=Keep F4=Discard F5=Route F6=Reply F7=Resend F8=Print

F9=Newnote F10=Forward F11=Backward F12=Cancel

MOB CAP ✓

3.2

V01

Note

NG Maint Fac (FCG 21407): 0
AR Maint Fac (FCG 21409): 0
Veh Maint Shop Org (FCG 21410): 48,128
Veh Maint Shop DS (FCG 21420): 0
Sp Pur Maint Shop (FCG 21800): 5,905
Maint Inst O&R (FCG 21900): 37,526
AV Unit Ops Bldg (FCG 14112): 0
AF Ops Bldg (FCG 14110): 0
Bde HQ Bldg (FCG 14182): 0
Bn HQ Bldg (FCG 14183): 0
Co HQ Bldg (FCG 14185): 4
Gen Purpose Admin (FCG 61050): 661,000
MILCON (FY92-96): ????

Thanks for your assistance -- John

E N D O F N O T E

Command ==>

F1=Help F2=File F3=Keep F4=Discard F5=Route F6=Reply F7=Resend F8=Print
F9=Newnote F10=Forward F11=Backward F12=Cancel

3/03/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

TRADOC
Install

Attribute

Source
of Data

Fort
Monroe

TRADOC
Install

Attribute

Source
of Data

Fort
Monroe

MISSION REQUIREMENTS & OPERATIONAL
READINESS (450 Points)

abcd

Reserve Training

Install

Annual Training (Average)

98

FY93 (Number of People)

91

FY92 (Number of People)

126

FY91 (Number of People)

77

Inactive Duty Training (Average)

492

FY93 (Mandays)

480

FY92 (Mandays)

540

FY91 (Mandays)

456

Ops/Admin Facilities (000)

MACOM

568

c
abc

Information Mission Area

Install

1,255

Telephone Switching

400

Main DCOs digital switch (Y/N)

5

Percentage of Fill

5

Lines (Equipped)

3

Lines (Expandable To)

3

Outside Cable Plant

220

OSCAR Implementation Phase Completed

5

Cable Type (Fiber Backbone, Mixed or Copper)

3

Percentage of Fill

3

Common User Mainframe Architecture

420

Mainframe type

5

Total MIPS

5

ASIMS (RDC or DPC)

3

LOSE HOLD

3/03/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

| TRADOC Install | Attribute | Source of Data | Fort Monroe |
|-------------------|--------------------------------------|-------------------|----------------|
| | E-Mail (Sperry/MMDF, Other or None) | | 5 |
| | Front End Processor (Y/N) | | 5 |
| | Super Computer (Y/N) | | 0 |
| | Common User DASD (GIGABYTES) | | 5 |
| | DSN/DDN Node | | 0 |
| | DSN (Y/N) | | 0 |
| | MILNET (Y/N) | | 0 |
| | DISNET (Y/N) | | 0 |
| | SCINET (Y/N) | | 0 |
| | Post Wide WAN/LAN | | 120 |
| | Fiber Optic (Y/N) | | 5 |
| | Other (Y/N) | | 3 |
| | TCC | | 50 |
| | GENSER Type | | 5 |
| | DSSCS Type | | 5 |
| | AMME or ASC (Y/N) | | 0 |
| | Comm Secure Processor (Y/N) | | 0 |
| | VTC Facility | | 45 |
| | VTC Facility (Y/N) | | 3 |
| c | Accessibility (Average) | Install | ✓ 103 |
| | Distance to Higher HQ | | ✓ 150 |
| | Dist to most tvld to location | | ✓ 22 |
| | Dist to 2 most tvld to location | | ✓ 150 |
| | Dist to 3 most tvld to location | | ✓ 90 |
| c | Barracks and Family Housing | MACOM | ✓ 283 |
| ad | Maneuver Acres | Install | |
| | Army-owed Maneuver Acres (FCG 17986) | | |
| | Maneuver Rights Area Acres | | |
| | 1/2 * Maneuver Rights Area Acres | | |
| ad | Ranges | Install | |

NOB BILLETS

LOSE HOLD

Page 2 of

03/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

| TRADOC Install | Attribute | Source of Data | Fort Monroe |
|-------------------|--|-------------------|----------------|
| | Number of MPRC | | |
| | Number of RETS Equipped Firing Points | | |
| | Standard MOUT Range Available (Y/N) | | |
| | Total number of Ranges | | |
| a | Deployment Network | Install | |
| | Railhead Distance (city/miles) | | |
| | Airport Distance (city/miles) | | |
| | Seaport Access Dist (city/miles) | | |
| | Interstate Highway (Miles) | | |
| ad | Impact Area | Install | |
| | Impact Areas (Total Acres) | | |
| | Air Force Bombing Capable (Y/N) | | |
| | Attack Helicopter Capable (Y/N) | | |
| | Tube Artillery Capable (Y/N) | | |
| | Above three all Yes (Y/N) | | |
| | MLRS Capable (Y/N) | | |
| ad | Mechanized Maneuver Acres | Install | |
| ad | Special Airspace | DA | |
| ab | General Instructional Fac (000) | MACOM | |
| ab | Applied Instructional Fac (000) | MACOM | |
| | LAND AND FACILITIES (225 Points) | | |
| abcd | Average Age of Facilities | MACOM | |
| abcd | Infrastructure | Install | 53.05 |
| | Water treatment capability (MGD) | | 4 |
| | Sewage treatment capability (MGD) | | 4.71 |
| | Electrical distribution capability (KVA) | | 9375 |
| | Land Fill (\$ per short-ton) | | 0 |

*Called
Monroe
to get MPRC data*

*used via
TRADOC*

LOSE HOLD

5/03/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

TRADOC
Install

Attribute

Source
of Data

Fort
Monroe

| TRADOC Install | Attribute | Source of Data | Fort Monroe |
|-------------------|---|-------------------|----------------|
| abcd | Percent Permanent Facilities | MACOM | ✓ 89.95 |
| abcd | Environmental Carrying Capacity | Install | |
| | Archeological Factor | | |
| | Archeological Site Density (Total) | | ✓ 51 |
| | Sites listed on Nat Reg | | 1 |
| | Eligiable/Potential Sites | | 50 |
| | Total acres surveyed | | 1068 |
| | Total installation acres | | 1068 |
| | Percent completed | | |
| | Historical Building Factor | | |
| | Historical Buildings Density (Total) | | 319 |
| | Number of buildings listed on Nat Reg | | 319 |
| | Eligiable/Potential Buildings | | 0 |
| | Total buildings surveyed | | ✓ 319 |
| | Percent completed | | |
| | Endangered Species Factor | | |
| | Total Endangered Species: | | 0 |
| | Endangered Fauna: | | 0 |
| | Endangered Flora: | | 0 |
| | Total Threatened Species: | | 0 |
| | Threatened Fauna: | | 0 |
| | Threatened Flora: | | 0 |
| | Wetland Factor | | |
| | Total Wetland Acreage | | ✓ 67 |
| | Total Installation Acres | | ✓ 1068 |
| | Air Quality Factor: Region in Attainment (Y/N) | | ✓ N |
| | Water Quality Factor - # NPDES Exceeded | | 1 |
| | Noise Quality Factor | | |
| | Total Acres AICUZ/ICUZ Zone II - extend off-post | | ✓ 0 |
| | Total Acres AICUZ/ICUZ Zone III - extend off-post | | ✓ 0 |

063733

LOSE HOLD

3/03/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

| TRADOC Install | Attribute | Source of Data | Fort Monroe |
|---|-------------------------------------|-------------------|----------------|
| | Contaminated Sites Factor | | 0 |
| | Total Number of IRP Sites | | 0 |
| | Total Number of NPL Sites | | 0 |
| c | Maintenance Facilities (000) | MACOM | 82 |
| c | Supply and Storage Facilities (000) | MACOM | 95 |
| abd | Work Space (000) | MACOM | |
| ab | Family Housing | MACOM | |
| abd | Barracks | MACOM | |
| CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS (125 Points) | | | |
| abcd | Buildable Acres | Install | 149 |
| abcd | Encroachment | DA | |
| d | Deployment Network | Install | |
| | Airport Distance (city/miles) | | |
| | Railread Distance (city/miles) | | 0 |
| | Seaport Access Dist (city/miles) | | |
| | Interstate Highway (Miles) | | |
| abcd | Mobilization Capability | Install | 462 |
| | Permanent Officer Mob UOPH | | 0 |
| | Permanent Enlisted Mob UEPH | | 92 |
| | Temporary Officer Mob UOPH | | 229 |
| | Temporary Enlisted Mob UEPH | | 141 |
| d | Information Mission Area | Install | |
| | Telephone Switching | | |
| | Main DCOs digital switch (Y/N) | | |
| | Percentage of Fill | | |

LOSE HOLD

Page 5 of

3/03/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

TRADOC
Install

Attribute

Source
of DataFort
Monroe

COST AND MANPOWER (200 Points)

abcd

Cost of Living Index

DA

abc

Family Housing Cost per Dwelling Unit (\$K)

Install

\$12.55

Average AFHO Costs (\$K)

\$2,347

FY93 AFH Operations Cost

\$2,539

FY92 AFH Operations Cost

\$2,077

FY91 AFH Operations Cost

\$2,426

Number of AFH units on post

MACOM

187

abcd

Locality Pay Factor

DA

abcd

BASOPS/Mission Population

MACOM

BASOPS Spt, O&MA and RDT&E Costs (FY93 \$K)

\$29,336

BASOPS, Account 815796 less P & Y

\$13,720

Personnel

\$8,429

Non-Personnel

\$5,291

BASOPS, Accounts 815796P & 815796Y

\$4,762

RPM, Accounts 815776L & 815778K

\$4,712

Envir Pgms (ECAP), Account 815756

\$167

Audio-Visual, Account 815790

\$219

Base Commo, Account 815795

\$1,673

Family Pgms, Accts 878708/19/20

\$811

DoDRPM 92/93 Total

\$48

Personnel

\$0

Non-Personnel

\$48

DoDRPM 93/94 total

\$3,224

Personnel

\$0

LOSE HOLD

Page 7 of

6/03/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

TRADOC
Install

Attribute

Source
of Data

Fort
Monroe

Non-Personnel

Total Mission Population (BOSMM)

Installation Population (ASIP)-FY93

DA

\$3,224

abcd

MCA Cost Factor

MACOM

2697

abc

VHA Factor

DA

DA

E-5 with dependents

W-3 with dependents

O-3 with dependents

(All other TRADOC Installations)

chools (Carlisle Barracks, Fort Leavenworth & POM)

ontrol/Administrative Support (Fort Monroe)

as (Fort Chaffee)

LOSE HOLD

C&C/ADMIN SUPPORT DIRTY OML

| | | FT BELVOIR | FT BUCHANAN | FT GILLEM | FT HAMILTON | KELLY | FT McPHERSON | FT MEADE | FT MONROE |
|----------------------|---------|------------|-------------|-----------|-------------|----------|--------------|----------|-----------|
| | WEIGHT | | | | | | | | |
| RESERVE TRAINING | 50 | 3.4+ | 10.0++ | 0.2 | 0.5 | 0.0 | 0.1 | 0.2 | 0.0 |
| OP/ADMIN FACILITIES | 210 | 1464.0++ | 145.0-- | 244.0- | 156.0-- | 42.0-- | 981.0++ | 915.7++ | 568.0++ |
| INFO MISSION AREA | 100 | 1285.0++ | 695.0 | 485.0- | 805.0 | 135.0-- | 1185.0+ | 1360.0++ | 1255.0++ |
| ACCESSIBILITY | 50 | 17.0+ | 1895.0-- | 167.0 | 465.0 | 105.0 | 334.0 | 57.0 | 103.0 |
| UPH + AFH | 40 | 4355.0 | 520.0- | 4565.0 | 1556.0 | 0.0- | 9607.0+ | 8258.0+ | 1102.0- |
| MISSION REQUIREMENTS | --- 450 | 8.6 | 2.6 | 2.9 | 2.7 | 1.3 | 6.8 | 6.9 | 4.9 |
| %PERM FACILITIES | 40 | 84.0 | 77.0 | 72.5 | 96.1 | 0.0-- | 93.4 | 81.7 | 89.9 |
| FACILITIES AVG AGE | 40 | 34.0+ | 42.0 | 54.0- | 43.0 | 37.0+ | 41.0 | 39.0+ | 53.0- |
| INFRASTRUCTURE | 40 | 4.2 | 3.7 | 2.6 | 5.3 | 3.2 | 3.6 | 7.5+ | 6.3+ |
| MAINT FACILITIES | 40 | 168.0 | 0.0 | 634.0++ | 25.0 | 59.0 | 70.0 | 113.0 | 82.0 |
| SUPPLY & STORAGE | 40 | 327.0 | 47.0 | 3821.0++ | 29.0 | 0.2 | 63.0 | 212.6 | 95.0 |
| ENVIRONMENTAL CAP | 25 | 5.8 | 8.1 | 8.0 | 8.3 | 8.5 | 8.1 | 8.3 | 7.8 |
| LAND AND FACILITIES | --- 225 | 5.3 | 4.0 | 6.2 | 4.6 | 3.2 | 4.6 | 5.5 | 3.9 |
| MOB CAPABILITY | 40 | 7.9++ | 3.3 | 3.7 | 3.2 | 2.1- | 3.7 | 4.3 | 3.7 |
| BUILDABLE ACRES | 60 | 1047.0+ | 53.0 | 220.0 | 10.0 | 36.0 | 127.0 | 3821.0++ | 149.0 |
| ENCROACHMENT | 25 | 1098.5 | 1029.5 | 615.2 | 7474.9- | 704.0 | 615.2 | 931.1 | 885.8 |
| FUTURE REQUIREMENTS | --- 125 | 6.3 | 2.5 | 3.1 | 0.6 | 1.9 | 2.9 | 7.8 | 2.9 |
| COST OF LIVING INDEX | 50 | 135.1 | 123.9 | 98.4+ | 208.7-- | 111.2+ | 98.4+ | 115.7 | 100.6+ |
| HOUSING COST/DU | 15 | \$6,732 | \$9,469 | \$24,156- | \$17,369 | \$0 | \$18,037 | \$4,301 | \$12,550 |
| LOCALITY PAY | 30 | 1.042 | 1.080- | 1.039+ | 1.080- | 1.031+ | 1.039+ | 1.042 | 1.033+ |
| BASOPS FACTOR | 60 | 6493.4+ | 9759.5 | 452.0 | 20249.4- | 16472.0- | 9394.5 | 2165.3+ | 10953.9 |
| MILCON COST FACTOR | 30 | 1.030 | 1.050 | 0.9 | 1.360- | 1.020 | 0.960 | 1.030 | 0.860+ |
| VHA | 15 | 1359.6 | 1408.0 | 470.0 | 1496.1 | 296.1 | 470.0 | 1033.7 | 528.4 |
| COST AND MANPOWER | --- 200 | 7.2 | 5.7 | 8.3 | 1.6 | 7.4 | 7.9 | 8.4 | 8.2 |
| | === | | | | | | | | |
| SCORE | 1000 | 7.3 | 3.5 | 4.7 | 2.7 | 3.0 | 6.0 | 7.0 | 5.1 |
| RANK | | 1 | 11 | 5 | 14 | 13 | 3 | 2 | 4 |

C&C/ADMIN SUPPORT DIRTY OML

| | WEIGHT | FT MYER | PSF | SELFRIDGE | FT RICHIE | FT SHAFTER | FT TOTTEN | PRICE SPT |
|----------------------|---------|----------|----------|-----------|-----------|------------|-----------|-----------|
| RESERVE TRAINING | 50 | 0.0 | 0.0 | 4.6+ | 0.0 | 0.0 | 1.4 | 0.7 |
| OP/ADMIN FACILITIES | 210 | 161.5-- | 173.0-- | 77.0-- | 182.7- | 246.0- | 110.0-- | 58.0-- |
| INFO MISSION AREA | 100 | 465.0- | 1225.0++ | 45.0-- | 1370.0++ | 910.0+ | 0.0-- | 620.0- |
| ACCESSIBILITY | 50 | 3.0+ | 1175.0- | 5.0+ | 57.0 | 9.8+ | 474.0 | 42.3+ |
| UPH + AFH | 40 | 6123.0+ | 1643.0 | 1746.0 | 2937.0 | 5137.0+ | 551.0- | 585.0- |
| MISSION REQUIREMENTS | --- 450 | 2.8 | 3.0 | 2.0 | 4.0 | 3.7 | 1.3 | 2.3 |
| | | | | | | | | |
| %PERM FACILITIES | 40 | 97.1 | 81.0 | 100.0+ | 81.1 | 76.0 | 100.0+ | 89.0 |
| FACILITIES AVG AGE | 40 | 41.0 | 41.0 | 45.0 | 39.0+ | 41.0 | 44.0 | 47.0- |
| INFRASTRUCTURE | 40 | 2.0- | 1.6- | 5.1 | 1.9- | 5.0 | 3.3 | 2.4 |
| MAINT FACILITIES | 40 | 93.1 | 0.0 | 49.0 | 38.9 | 107.0 | 61.0 | 65.0 |
| SUPPLY & STORAGE | 40 | 100.9 | 0.0 | 53.0 | 55.4 | 143.3 | 28.0 | 2130.0+ |
| ENVIRONMENTAL CAP | 25 | 8.5 | 5.9 | 8.0 | 5.8 | 9.5 | 7.4 | 8.4 |
| LAND AND FACILITIES | --- 225 | 4.5 | 3.5 | 4.5 | 3.9 | 4.8 | 4.3 | 4.7 |
| | | | | | | | | |
| MOB CAPABILITY | 40 | 3.0 | 2.8 | 3.1 | 5.1+ | 3.4 | 3.2 | 3.4 |
| BUILDABLE ACRES | 60 | 1.0 | 0.0 | 100.0 | 255.0 | 11.3 | 15.0 | 190.0 |
| ENCROACHMENT | 25 | 1098.5 | 1596.3 | 962.2 | 270.3 | 1439.7 | 7474.9- | 474.1 |
| FUTURE REQUIREMENTS | --- 125 | 2.3 | 2.0 | 2.5 | 4.0 | 2.4 | 0.6 | 2.9 |
| | | | | | | | | |
| COST OF LIVING INDEX | 50 | 135.1 | 132.5 | 116.6 | 100.5+ | 136.9 | 208.7-- | 96.7+ |
| HOUSING COST/DU | 15 | \$19,576 | \$6,962 | \$5,855 | \$8,919 | \$5,651 | \$4,262 | \$6,772 |
| LOCALITY PAY | 30 | 1.042 | 1.080- | 1.048 | 1.042 | 1.080- | 1.080- | 1.031+ |
| BASOPS FACTOR | 60 | 5851.0+ | 8237.7 | 4573.4+ | 12270.3 | 14257.6- | 2064.2+ | 24742.1-- |
| MILCON COST FACTOR | 30 | 1.030 | 1.370- | 1.140 | 0.920+ | 1.660- | 1.360- | 1.140 |
| VHA | 15 | 1359.6 | 1780.9 | 715.0 | 223.9 | 1974.4- | 1496.1 | 275.8 |
| COST AND MANPOWER | --- 200 | 6.9 | 5.0 | 7.8 | 7.8 | 3.6 | 4.4 | 6.2 |
| | | | | | | | | |
| SCORE | 1000 | 3.9 | 3.4 | 3.8 | 4.7 | 3.8 | 2.5 | 3.7 |
| | | | | | | | | |
| RANK | | 7 | 12 | 8 | 5 | 8 | 15 | 10 |

iasubc&c
sub-model

| | | FT BELVOIR | FT BUCHANAN | FT GILLEM | FT HAMILTON | KELLY | McPHERSON | FT MEADE | FT MONROE | FT MYER |
|----------------------|---------|------------|-------------|-----------|-------------|----------|-----------|----------|-----------|----------|
| | WEIGHT | | | | | | | | | |
| ANNUAL TNG(# PEOPLE) | 25 | 1305 | 31995++ | 787 | 3459 | 0- | 282- | 2226 | 98- | 0- |
| IDT (MANDAYS) | 75 | 231163++ | 532564++ | 11866-- | 16178- | 0-- | 6041-- | 392-- | 492-- | 0-- |
| RESERVE TRAINING | --- 100 | 3.4 | 10.0 | 0.2 | 0.5 | 0.0 | 0.1 | 0.2 | 0.0 | 0.0 |
| ARCH/HIST BLDGS | 10 | 0.01750 | 0.00134+ | 0.02220 | 0.07345 | 0.00000+ | 0.19433 | 0.00250+ | 0.34000- | 0.00000+ |
| ENDGRD FAUNA/FLORA | 15 | 1 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| WETLANDS | 15 | 0.97820-- | 0.01488 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.05000 | 0.06273 | 0.00000 |
| AIR QUALITY | 15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| WATER QUALITY | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| NOISE QUAL- ZONE II | 10 | 300-- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NOISE QUAL- ZONE III | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CONTAMINATED SITES | 5 | 0 | 0 | 14- | 1 | 1 | 2 | 6 | 0 | 1 |
| ENV CAR CAPACITY | --- 100 | 5.8 | 8.1 | 8.0 | 8.3 | 8.5 | 8.1 | 8.3 | 7.8 | 8.5 |
| CAPACITY WATER | 25 | 4+ | 2- | 1- | 4+ | 2 | 3 | 8++ | 4+ | 1- |
| CAPACITY SEWAGE | 25 | 3+ | 1- | 1- | 6++ | 1- | 3+ | 5++ | 5++ | 0- |
| CAPACITY ELECT | 25 | 40150++ | 15000 | 22400 | 8500- | 2500- | 14000 | 40000++ | 9375- | 13800 |
| LANDFILL COST | 25 | \$130-- | \$20+ | \$86- | \$54 | \$5++ | \$83- | \$58 | \$0++ | \$70- |
| INFRASTRUCTURE | --- 100 | 4.2 | 3.7 | 2.6 | 5.3 | 3.2 | 3.6 | 7.5 | 6.3 | 2.0 |
| MOB BILLETS | 10 | 1977+ | 190 | 0 | 0 | 0 | 0 | 525 | 116 | 0 |
| DEPLOYMENT NETWORK | 10 | 8.9 | 8.7 | 7.7 | 8.7 | 2.2- | 5.6 | 8.8 | 8.5 | 7.2 |
| RANGES | 10 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 |
| MANUEVER ACRES | 10 | 1++ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MECHANIZED ACRES | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WORK SPACE | 10 | 1767+ | 145 | 875 | 176 | 101 | 1051+ | 949+ | 650 | 192 |
| MOB CAPABILITY | --- 60 | 7.9 | 3.3 | 3.7 | 3.2 | 2.1 | 3.7 | 4.3 | 3.7 | 3.0 |
| MILES TO RAIL TRANS | 30 | 1++ | 5+ | 0++ | 6 | 8- | 11- | 5+ | 7 | 12 - |
| MILES TO AIR TRANS | 30 | 13 | 6+ | 40 | 15 | 323-- | 25 | 12 | 6+ | 8 |
| MILES TO SEA TRANS | 30 | 65 | 2+ | 232-- | 6+ | 365-- | 247-- | 18+ | 8+ | 45 |
| MILES TO HIGHWAY | 10 | 4 | 5 | 1 | 0 | 5 | 2 | 1 | 2 | 2 |
| DEPLOYMENT | --- 100 | 8.9 | 8.7 | 7.7 | 8.7 | 2.2 | 5.6 | 8.8 | 8.5 | 7.2 |

iasubc&c
sub-model

| | WEIGHT | PSF | SELFRIDGE | FT RITCHIE | FT SHAFTER | FT TOTTEN | PRICE SPT |
|----------------------|---------|----------|-----------|------------|------------|-----------|-----------|
| ANNUAL TNG(# PEOPLE) | 25 | 85- | 6087 | 65- | 189- | 8561+ | 2400 |
| IDT (MANDAYS) | 75 | 0-- | 292176++ | 1342-- | 1739-- | 49025- | 34600- |
| RESERVE TRAINING | --- 100 | 0.0 | 4.6 | 0.0 | 0.0 | 1.4 | 0.7 |
| ARCH/HIST BLDGS | 10 | 0.59760- | 0.20000 | 0.49000- | 0.02630 | 0.50000- | 0.00000+ |
| ENDGRD FAUNA/FLORA | 15 | 17-- | 0 | 0 | 0 | 1 | 0 |
| WETLANDS | 15 | 0.00000 | 0.11000 | 0.20000 | 0.00000 | 0.00000 | 0.00700 |
| AIR QUALITY | 15 | 10 | 10 | 10 | 1++ | 10 | 10 |
| WATER QUALITY | 15 | 0 | 0 | 45-- | 0 | 0 | 0 |
| NOISE QUAL- ZONE II | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| NOISE QUAL- ZONE III | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| CONTAMINATED SITES | 5 | 4 | 1 | 1 | 20- | 5 | 0 |
| ENV CAR CAPACITY | --- 100 | 5.9 | 8.0 | 5.8 | 9.5 | 7.4 | 8.5 |
| CAPACITY WATER | 25 | 0- | 2- | 1- | 3 | 4+ | 0- |
| CAPACITY SEWAGE | 25 | 0- | 1- | 1- | 5++ | 1- | 0-- |
| CAPACITY ELECT | 25 | 31- | 63000++ | 5000- | 10000- | 2000- | 13000 |
| LANDFILL COST | 25 | \$53 | \$28+ | \$65 | \$54 | \$60 | \$33+ |
| INFRASTRUCTURE | --- 100 | 1.6 | 5.1 | 1.9 | 5.0 | 3.3 | 2.4 |
| MOB BILLETS | 10 | 0 | 0 | 2660+ | 0 | 0 | 30 |
| DEPLOYMENT NETWORK | 10 | 6.1 | 7.5 | 7.7 | 9.0 | 8.7 | 8.9 |
| RANGES | 10 | 0.0 | 1.0 | 2.0 | 0.0 | 0.0 | 1.0 |
| MANUEVER ACRES | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| MECHANIZED ACRES | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| WORK SPACE | 10 | 173 | 85 | 232 | 282 | 171 | 110 |
| MOB CAPABILITY | --- 60 | 2.8 | 3.1 | 5.1 | 3.4 | 3.2 | 3.4 |
| MILES TO RAIL TRANS | 30 | 16-- | 10- | 2+ | 5+ | 6 | 3+ |
| MILES TO AIR TRANS | 30 | 55 | 3+ | 40 | 5+ | 15 | 22 |
| MILES TO SEA TRANS | 30 | 16+ | 0+ | 73 | 8+ | 6+ | 0+ |
| MILES TO HIGHWAY | 10 | 4 | 10- | 15- | 0 | 0 | 5 |
| DEPLOYMENT | --- 100 | 6.1 | 7.5 | 7.7 | 9.0 | 8.7 | 8.9 |

===

Document Separator

MEDICAL CENTER :

C:\D-PAD\DATA\IAMEDCT

| | | FITZSIMMONS | TRIPLER | WRAMC |
|----------------------|---------|-------------|----------|---------|
| | WEIGHT | | | |
| PATIENT CARE FAC | 10 | 772.6 | 1308.0 | 2567.0 |
| APPL INSTRUCT FAC | 10 | 7.4 | 9.0 | 0.0 |
| MED RESEARCH FAC | 0 | 61.9 | 85.1 | 432.6 |
| DEPLOYMENT NETWORK | 5 | 6.400 | 9.200 | 2.900 |
| RESERVE TRAINING | 5 | 10.000 | 0.000 | 6.000 |
| MISSION REQUIREMENTS | - 450 | 4.6 | 4.8 | 5.9 |
| ENCROACHMENT | 0 | 455.9 | 1439.7 | 1098.5 |
| MOB CAPABILITY | 0 | 6.100 | 5.200 | 5.500 |
| IMA | 0 | 475.000 | 1065.000 | 445.000 |
| BUILDABLE ACRES | 5 | 113.3 | 17.2 | 26.8 |
| FUTURE REQUIREMENTS | 125 | 8.4 | 3.7 | 4.6 |
| % PERM FACILITIES | 5 | 62.9 | 100.0 | 95.5 |
| FACILITIES AVG AGE | 5 | 41.4 | 32.0 | 35.0 |
| INFRASTRUCTURE | 10 | 7.5 | 3.0 | 3.8 |
| ENVIRONMENTAL CAP | 25 | 6.500 | 8.000 | 7.500 |
| LAND & FACILITIES | - 225 | 2.5 | 8.0 | 6.7 |
| COST OF LIVING INDEX | 40 | 105.9 | 136.9 | 135.1 |
| HOUSING COST | 30 | \$4,700 | \$5,651 | \$7,253 |
| HEALTH CARE SPT IND | 100 | 4647.0 | 1158.0 | 2121.0 |
| MCA COST FACTOR | 30 | 1.1 | 1.7 | 1.0 |
| COST & MANPOWER | --- 200 | 4.9 | 5.9 | 5.2 |
| | === | | | |
| SCORE | 1000 | 4.6 | 5.6 | 5.8 |
| RANK | | 3 | 2 | 1 |

*This printout given to LTC Powell for
MACOM'S*

| | | FITZSIMMONS | TRIPLLR | WRAMC |
|----------------------|---------|-------------|----------|---------|
| | WEIGHT | | | |
| PATIENT CARE FAC | 150 | 772.6 | 1308.0 | 2567.0 |
| APPL INSTRUCT FAC | 100 | 7.4 | 9.0 | 0.0 |
| MED RESEARCH FAC | 50 | 61.9 | 85.1 | 432.6 |
| DEPLOYMENT NETWORK | 75 | 6.400 | 9.200 | 2.900 |
| RESERVE TRAINING | 75 | 10.000 | 0.000 | 6.000 |
| MISSION REQUIREMENTS | --- 450 | 4.6 | 4.8 | 5.9 |
| ENCROACHMENT | 20 | 455.9 | 1439.7 | 1098.5 |
| MOB CAPABILITY | 50 | 6.100 | 5.200 | 5.500 |
| IMA | 20 | 475.000 | 1065.000 | 445.000 |
| BUILDABLE ACRES | 35 | 113.3 | 17.2 | 26.8 |
| FUTURE REQUIREMENTS | --- 125 | 8.4 | 3.7 | 4.6 |
| % PERM FACILITIES | 75 | 62.9 | 100.0 | 95.5 |
| FACILITIES AVG AGE | 85 | 41.4 | 32.0 | 35.0 |
| INFRASTRUCTURE | 40 | 7.5 | 3.0 | 3.8 |
| ENVIRONMENTAL CAP | 25 | 6.500 | 8.000 | 7.500 |
| LAND & FACILITIES | --- 225 | 2.5 | 8.0 | 6.7 |
| COST OF LIVING INDEX | 40 | 105.9 | 136.9 | 135.1 |
| HOUSING COST | 30 | \$4,700 | \$5,651 | \$7,253 |
| HEALTH CARE SPT IND | 100 | 4647.0 | 1158.0 | 2121.0 |
| MCA COST FACTOR | 30 | 1.1 | 1.7 | 1.0 |
| COST & MANPOWER | --- 200 | 4.9 | 5.9 | 5.2 |
| | === | | | |
| SCORE | 1000 | 4.6 | 5.6 | 5.8 |
| RANK | | 3 | 2 | 1 |

MEDICAL CENTERS

SUB-MODEL

| | WEIGHT | FITZSIMMONS | TRIPLER | WRAMC |
|----------------------|---------|-------------|---------|----------|
| MILES TO RAIL TRANS | 30 | 3+ | 5+ | 40-- |
| MILES TO AIR TRANS | 30 | 11 | 6+ | 32-- |
| MILES TO SEA TRANS | 30 | 1250-- | 5+ | 40+ |
| MILES TO HIGHWAY | 10 | 1 | 2 | 3 |
| DEPLOYMENT | --- 100 | 6.4 | 9.2 | 2.9 |
| ANNUAL TNG(# PEOPLE) | 25 | 1068+ | 306-- | 854 |
| IDT (MANDAYS) | 75 | 7680++ | 3460-- | 5834 |
| RESERVE TRAINING | --- 100 | 10.0 | 0.0 | 6.0 |
| ARCH/HIST BLDGS | 10 | 0.00520 | 0.00050 | 0.23000- |
| ENDGRD FAUNA/FLORA | 15 | 0 | 1- | 0 |
| WETLANDS | 15 | 0.00000 | 0.00000 | 0.00000 |
| AIR QUALITY | 15 | 10 | 1+ | 10 |
| WATER QUALITY | 15 | 2- | 0 | 0 |
| NOISE QUAL- ZONE II | 10 | 0 | 0 | 0 |
| NOISE QUAL- ZONE III | 15 | 0 | 0 | 0 |
| CONTAMINATED SITES | 5 | 1 | 1 | 0 |
| ENV CAR CAPACITY | --- 100 | 6.5 | 8.0 | 7.5 |
| CAPACITY WATER | 25 | 6+ | 2- | 4 |
| CAPACITY SEWAGE | 25 | 1- | 2+ | 1 |
| CAPACITY ELECT | 25 | 149000+ | 13800- | 60000 |
| LANDFILL COST | 25 | \$7++ | \$58 | \$69- |
| INFRASTRUCTURE | --- 100 | 7.5 | 3.0 | 3.8 |
| MOB BILLETS | 10 | 500+ | 0 | 0 |
| DEPLOYMENT NETWORK | 10 | 6.4 | 9.2 | 2.9 |
| RANGES | 10 | 0.0 | 0.0 | 0.0 |
| MANUEVER ACRES | 10 | 0 | 0 | 0 |
| MECHANIZED ACRES | 10 | 0 | 0 | 0 |
| WORK SPACE | 10 | 57 | 211 | 962 |
| MOB CAPABILITY | --- 60 | 6.1 | 5.2 | 5.5 |

===

given to LTC
 1/1/8

sub model

| | WEIGHT | FITZSIMMONS | TRIPLER | WRAMC |
|----------------------|---------|-------------|---------|-------|
| MILES TO RAIL TRANS | 30 | 3+ | 5+ | 40-- |
| MILES TO AIR TRANS | 30 | 11 | 6+ | 32-- |
| MILES TO SEA TRANS | 30 | 1250-- | 5+ | 40+ |
| MILES TO HIGHWAY | 10 | 1 | 2 | 3 |
| DEPLOYMENT | --- 100 | 6.4 | 9.2 | 2.9 |
| ANNUAL TNG(# PEOPLE) | 25 | 1068+ | 306-- | 854 |
| IDT (MANDAYS) | 75 | 7680++ | 3460-- | 5834 |
| RESERVE TRAINING | --- 100 | 10.0 | 0.0 | 6.0 |
| ARCH/HIST BLDGS | 10 | 0 | 0 | 0- |
| ENDGRD FAUNA/FLORA | 15 | 0 | 1- | 0 |
| WETLANDS | 15 | 0 | 0 | 0 |
| AIR QUALITY | 15 | 10 | 1+ | 10 |
| WATER QUALITY | 15 | 2- | 0 | 0 |
| NOISE QUAL- ZONE II | 10 | 0 | 0 | 0 |
| NOISE QUAL- ZONE III | 15 | 0 | 0 | 0 |
| CONTAMINATED SITES | 5 | 1 | 1 | 0 |
| ENV CAR CAPACITY | --- 100 | 6.5 | 8.0 | 7.5 |
| CAPACITY WATER | 25 | 6+ | 2- | 4 |
| CAPACITY SEWAGE | 25 | 1- | 2+ | 1 |
| CAPACITY ELECT | 25 | 149000+ | 13800- | 60000 |
| LANDFILL COST | 25 | \$7++ | \$58 | \$69- |
| INFRASTRUCTURE | --- 100 | 7.5 | 3.0 | 3.8 |
| MOB BILLETS | 10 | 500+ | 0 | 0 |
| DEPLOYMENT NETWORK | 10 | 6.4 | 9.2 | 2.9 |
| RANGES | 10 | 0.0 | 0.0 | 0.0 |
| MANUEVER ACRES | 10 | 0 | 0 | 0 |
| MECHANIZED ACRES | 10 | 0 | 0 | 0 |
| WORK SPACE | 10 | 57 | 211 | 962 |
| MOB CAPABILITY | --- 60 | 6.1 | 5.2 | 5.5 |

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Document Separator



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY MEDICAL COMMAND (PROV)
2050 WORTH ROAD
FORT SAM HOUSTON, TEXAS 78234-6000



REPLY TO
ATTENTION OF

MCHO-OP-MR (5-10c)

22 JUN 1994

MEMORANDUM FOR HQDA (DACS-TABS), WASH DC 20310-0220

SUBJECT: Base Realignment and Closures (BRAC) 1995 Installation Assessment Program--BRAC Data Call #1

1. References:

a. Memorandum, Chief of Staff, U.S. Army, 26 April 1994, subject: BRAC 95 Installation Assessment (IA) Program--BRAC 95 Data Call #1.

b. Memorandum, Chief of Staff, U.S. Army, 26 April 1994, subject: Change 1 to HQDA BRAC Installation Assessment (IA) Data Call #1.

2. The enclosure contains data for Walter Reed Army Medical Center, Fitzsimons Army Medical Center, and Fort Detrick as referenced above.

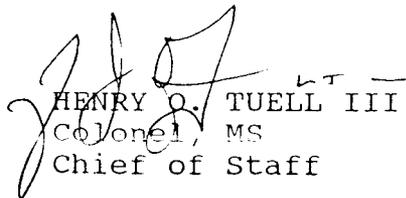
3. The information contained in this report is accurate and complete to the best of my knowledge and belief. To ensure data accuracy, the U.S. Army Medical Command staff worked individually with their counterparts at Walter Reed Army Medical Center, Fitzsimons Army Medical Center, and Fort Detrick.

4. Fort Detrick was evaluated for the first time by U.S. Army Medical Command. Tripler Army Medical Center was assessed by U.S. Army Pacific Command.

5. Our points of contact are Major Charles J. DeVries and Captain Corwin Harper, Operations Directorate, Missions and Realignments Division, DSN 471-8801/7042.

FOR THE COMMANDER:

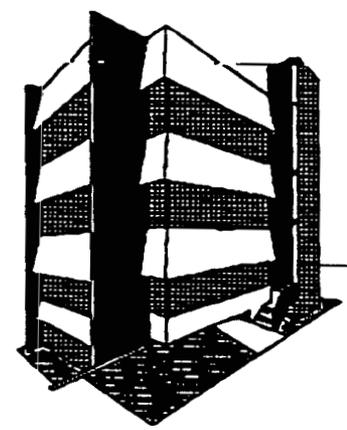
Encl


HENRY O. TUELL III
Colonel, MS
Chief of Staff

CF (w/encl):

HQDA (DASG-RMP), 5109 Leesburg Pike, Falls Church, VA 22041-3258

HEADQUARTERS
 U.S. ARMY
 MEDICAL COMMAND
 PROVISIONAL
 FORT SAM HOUSTON,
 TX 78234-6000



| | | | |
|---------------------------------|--------------------------|--|--|
| COMMAND/ OFFICE: MCHO-OP | | FAX TELEPHONE (DSN/COMM) | RELEASER'S SIGNATURE PHONE: DSN/COMM |
| FROM: CPT Hayer MCHO-OP-MR.. | | DSN 471-6039 COMM (210) 221-6039 | CPT Cowie Hayer DSN: 471-8666 COMM: (210) 221-8666 |
| TO: Crystal Higginet | | DSN 223-9322 | DATE-TIME MONTH YEAR 11 July 94-0856-07 94 |
| CLASSIFICATION UNCLASSIFIED | NUMBER OF PAGES H + 9 | PRECEDENCE PRIORITY / ROUTINE | |

REMARKS:
 I MO/I MA input for IA Quantitation
 Dated Call.
 W.R.A.M.C / F.A.M.C / FT Detrick
 Per [unclear]

Walter Reed Army Medical Center

CLOSE HOLD

INFORMATION MISSION AREA (IMA)

1. **DEFINITION:** Evaluation of existing IMA systems. The IMA systems to be evaluated are common user Telephone Switching System, Outside Cable Plant, Computers, Telecommunications Center (TCC), Local Area Network (LAN), Defense Data Network (DDN) Node, Video Teleconference (VTC).
2. **PURPOSE:** Evaluate IMA systems on the basis of available capacity, capability for expansion, and technology utilized.
3. **METHODOLOGY:** Utilized a questionnaire completed by the Installation Director of Information Management.
4. **REFERENCES:** Installation data Call. MACOM DCSIM staff validation of installation input.
5. **UNIT OF MEASURE:** As given in the table below.
6. **EQUATION:** A Decision Pad submodel is used.

| IMA CATEGORY | SCORING | TOTAL |
|--|--|----------|
| A TELEPHONE SWITCHING | | |
| 1. Is Main DCOs digital switch? (if analog, go to Category B) | Yes = 5 | |
| 2. Percentage of Fill (Entire digital switch system) | <70% = 5 70-90% = 3 >90% = 1 | |
| 3. Lines (Equipped) | >5,000 = 5 2,500-5,000 = 3 <2,500 = 1 | |
| 4. Lines (Expandable To) | >10,000 = 5 5,000-10,000 = 3 < 5,000 = 1 | |
| | CATEGORY WEIGHT: 25 POINTS X TOTAL | <u>0</u> |

B OUTSIDE CABLE PLANT
(IF BEADED, CATEGORY SCORE IS ZERO, GO TO CATEGORY C)

CLOSE HOLD

D-28

ENCL 4

WRAML
CLOSE HOLD

| | | |
|-----------------------------------|--|---|
| DSN/DDN Node (Choose 1 point) | | |
| DSN MILNET DISNET SCINET | Yes = 5 Yes = 5 Yes = 5 Yes = 5 | 5 |
| | | CATEGORY WEIGHT: 5 POINTS X TOTAL <u>25</u> |
| LAN/WAN | | |
| | Fiber Optic Yes = 5 Other Yes = 3 | 5 |
| | | CATEGORY WEIGHT: 15 POINTS X TOTAL <u>45</u> |
| SECURITY | | |
| 1. GENSER (Choose only 1) | AMS, DINAH, or FAST = 5 SRT = 3 DCT9000 or Mod 40 = 2 Courier Svc/Other = 1 None = 0 | 0 |
| 2. DSSCS (Choose only 1) | Assist = 5 DCT9000 or Mod 40 = 3 Courier Svc/Other = 1 None = 0 | 0 |
| 3. AMME or ASC | Yes = 5 | 0 |
| 4. Comm. Secure Processor (CSP) | Yes = 5 | 0 |
| | | CATEGORY WEIGHT: 5 POINTS X TOTAL <u>0</u> |
| OTHER | | |
| VTC facility | Yes = 3 | 3 |
| | | CATEGORY WEIGHT: 15 POINTS X TOTAL <u>45</u> |
| TOTAL Score | | <u>445</u> |

7. ATTRIBUTE SCORING: A Higher number is a better score.

8. Points scored for WRAML (possible 10) = 3.0

CLOSE HOLD

D-30

Fitzsimons Army Medical Center

CLOSE HOLD

INFORMATION MISSION AREA (IMA)

1. **DEFINITION:** Evaluation of existing IMA systems. The IMA systems to be evaluated are common user Telephone Switching System, Outside Cable Plant, Computers, Telecommunications Center (TCC), Local Area Network (LAN), Defense Data Network (DDN) Node, Video Teleconference (VTC).
2. **PURPOSE:** Evaluate IMA systems on the basis of available capacity, capability for expansion, and technology utilized.
3. **METHODOLOGY:** Utilized a questionnaire completed by the Installation Director of Information Management.
4. **REFERENCES:** Installation data Call. MACOM DCSIM staff validation of installation input.
5. **UNIT OF MEASURE:** As given in the table below.
6. **EQUATION:** A Decision Pad-submodel is used.

| IMA CATEGORY | SCORING | TOTAL |
|--|--|-------|
| 1. TELEPHONE SWITCHING | | |
| 1. Is Main DCOs digital switch? (if analog, go to Category B) | Yes = 5 | 0 |
| 2. Percentage of Fill (Entire digital switch system) | <70% = 5 70-90% = 3 >90% = 1 | |
| 3. Lines (Equipped) | >5,000 = 5 2,500-5,000 = 3 <2,500 = 1 | |
| 4. Lines (Expandable To) | >10,000 = 5 5,000-10,000 = 3 < 5,000 = 1 | |
| | CATEGORY WEIGHT: 25 POINTS X TOTAL | 0 |

2. OUTSIDE CABLE PLANT
(IF BEASED, CATEGORY SCORE IS ZERO, GO TO CATEGORY C)

CLOSE HOLD

D-28

Encl 5

FAML

CLOSE HOLD

| | | |
|---|--|---|
| 1. OSCAR Implementation Phase (Choose only 1) | Phase 3 Complete = 5 Phase 2 Complete = 3 Phase 1 Complete = 1 | 3 |
| 2. Cable Type (Choose only 1) | Fiber Backbone (DS3 MUX Rate) = 5 Mixed = 3 Copper = 1 | 1 |
| 3. Percentage of Fill | <50% = 5 50-75% = 3 76-100% = 1 | 1 |
| CATEGORY WEIGHT: 20 POINTS X TOTAL <u>100</u> | | |
| MAINFRAME SUPPORT | | |
| 1. Mainframe (Choose 1 only, the highest available technology - equivalent to IBM Model) | IBM 3090 = 5 IBM 4381 = 4 IBM 4341 = 3 IBM 4361 = 2 IBM 4331 = 1 | 1 |
| 2. Total MIPS | > 10 MIPS = 5 7-10 MIPS = 4 4-6 MIPS = 3 1-3 MIPS = 2 | 3 |
| 3. ASIMS | RDC = 5 DPC = 3 | 3 |
| 4. E-Mail (Choose 1) | Sperry/MMDF = 5 Other E-Mail = 3 No E-Mail Host = 0 | 5 |
| 5. Front End Processor (FEP) | Yes = 5 | 5 |
| 6. Super Computer | Yes = 5 | 0 |
| CATEGORY WEIGHT: 15 POINTS X TOTAL <u>255</u> | | |

CLOSE HOLD

D-29

2.

FAMC

CLOSE HOLD

| | | |
|--|--|-----------------------------|
| AD. DSN/DDS Node (Choose 1) | | |
| DSN MILNET DISNET SCINET | Yes = 5 Yes = 5 Yes = 5 Yes = 5 | 5 |
| CATEGORY WEIGHT: | | 5 POINTS X TOTAL <u>25</u> |
| AD. WAN/LAN | | |
| Fiber Optic Other | Yes = 5 Yes = 3 | 3 |
| CATEGORY WEIGHT: | | 15 POINTS X TOTAL <u>45</u> |
| AD. GENSER | | |
| 1. GENSER (Choose only 1) | AMS, DINAH, or FAST = 5 SRT = 3 DCT9000 or Mod 40 = 2 Courier Svc/Other = 1 None = 0 | 1 |
| 2. DSSCS (Choose only 1) | Assist = 5 DCT9000 or Mod 40 = 3 Courier Svc/Other = 1 None = 0 | 0 |
| 3. AMME or ASC | Yes = 5 | 0 |
| 4. Comm. Secure Processor (CSP) | Yes = 5 | 0 |
| CATEGORY WEIGHT: | | 5 POINTS X TOTAL <u>5</u> |
| AD. VTC | | |
| VTC facility | Yes = 3 | 3 |
| CATEGORY WEIGHT: | | 15 POINTS X TOTAL <u>45</u> |
| TOTAL Score | | 475 |

7. ATTRIBUTE SCORING: A Higher number is a better score.

8. Points scored for FAMC (possible 10) = 3.2

CLOSE HOLD

D-30

CLOSE HOLD

ATTRIBUTES AND WEIGHTS FOR MEDICAL CENTERS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | <u>FAMC</u> | <u>WRAMC</u> |
|--|----------------------------|--|
| <u>ATTRIBUTE</u> | | |
| Patient Care Facilities SQ FT | 772,643 | 2,567,000 |
| Applied Instruction Facils SQ FT | 7,418 | 0 |
| Medical Research Facilities SQ FT | 61,920 | 432,592 |
| Deployment Network | | |
| Railhead | 2.5 mi | 40 mi |
| Airport | 6.0 mi BAGB 11.0 mi DEN | 32 mi AAFB 45 mi DUL 11 mi WNTL 32 mi Balt. |
| Seaports | 1250 mi Oakl | 40 mi |
| Highways | 0.5 mi | 3.0 mi |
| Reserve Training (# of personnel) (mandays) | 1068 AT 7680 IDT | 854 AT 5834 IDT |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | | |
|---------------------------------|----------------------------|-------------|
| <u>ATTRIBUTE</u> | | |
| Encroachment (Population) | 222.3/sq mi 487.4/sq mi | 9,885/sq mi |
| Mobilization Capability | | 0 |
| Billets(PN) Basic Capacity | 500 PN | |
| Peak demand | 756 PN | |
| Maintenance Facilities | 25,243 sq ft | |
| Ranges | 0 | |
| Training (classroom) | 125,106 sq ft | |
| Geographic Dispersion | 1 sq mile | |
| IMA ** | 3.2 points | 3.0 points |
| Buildable Acres | 112.3 acres | 26.8 acres |

CLOSE HOLD

CLOSE HOLD

LAND AND FACILITIES

FAMC

WRAMC

ATTRIBUTE

| | | |
|-------------------------------------|------------|-------------|
| Percent Permanent Facilities | 62.86% | 95.5% |
| Average Age of Facilities yrs/sq ft | 41.39 | 35 |
| Infrastructure | | |
| Water (million gallon days) | 5.76 MGD | 4.4 MGD |
| Sewage (million gallon days) | 1.00 MGD | 1.4 MGD |
| Electrical (per million KH) | 149 MKH | 60 MKH |
| Land Fill (per short ton) | \$7.36 PST | \$69.37 PST |

Environmental Capacity

Archeology/Historic Buildings

| | | |
|---------------------------|-------|-----|
| A = | 3 | 64 |
| B = | 576.5 | 277 |
| Endangered Species Factor | 0 | 0 |
| Wetlands Factor | 0 | 0 |
| Air Quality Factor | 10 | 10 |
| Water Quality Factor | 2 | 0 |
| Noise Quality Factor | 0 | 0 |
| Contaminated Sites Factor | | |
| A = | 1 | 0 |
| B = | 0 | 0 |

COST AND MANPOWER

ATTRIBUTE

| | | |
|-----------------------------------|-------------|-------------|
| Cost of Living Index | 105.4 | 133.8 |
| Housing cost | \$4,700/AFH | \$7,253/AFH |
| Health Care Support Index | \$4,647 | \$2,121 |
| MCA Cost Factor (ACF index value) | 1.08 | 1.05 |

CLOSE HOLD

CLOSE HOLD

ATTRIBUTES AND WEIGHTS FOR COMMODITY INSTALLATIONS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

FT DETRICK

ATTRIBUTE

| | |
|------------------------------|---------------|
| Available Workforce | 4,717 persons |
| Ops/Admin facilities | 232,927 sq ft |
| Research and Development Fac | 468,308 sq ft |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

ATTRIBUTE

| | |
|--------------------------|-----------|
| Buildable Acres | 300 acres |
| Information Mission Area | 1600 |

LAND AND FACILITIES

ATTRIBUTE

| | |
|--|--------------------|
| Average Age of Facilities | 28.15 yrs/sq ft |
| Infrastructure | |
| Water | 1.4 MGD |
| Sewage | 0.9 BGD |
| Electrical | 254 million kwh |
| Landfill | \$54.42/short ton |
| Percent Permanent Facilities | 80% |
| Environmental Capacity | |
| Archeology/Historic Buildings | |
| A = (lime kiln, area B) | 4+1 |
| B = | 1143 |
| Endangered Species Factor | 0 |
| Wetlands Factor | A = 18 B = 1143 |
| Air Quality Factor (No attainment) | 10 |
| Water Quality Factor | 0 |
| Noise Quality Factor | 0 |
| Contaminated Sites Factor (CSF) | |
| A = 2 (Only two sites known to be contaminated.) | |
| B = 0 | |

CLOSE HOLD

CLOSE HOLD

FORT DETRICK
COST AND MANPOWER

ATTRIBUTE

| | |
|---------------------------|---------|
| Cost of Living Index | 106.8 |
| MCA Cost Factor | 0.83 |
| BASOPS/Mission Population | \$37.1M |

CLOSE HOLD

MEDCOM Supply

Simmons #2 for

CLOSE HOLD

ENVIRONMENTAL CARRYING CAPACITY

1. **DEFINITION:** Composite consideration of various environmental factors.
2. **PURPOSE:** Measure the ability of the Army to conduct current missions, receive additional units and expand operations in light of environmental constraints.
3. **METHODOLOGY:** This is a measure of the following aspects of environmental-carrying capacity:

| FACTOR | WEIGHT | | | |
|----------------------------------|------------|--------|---|------------------|
| Archaeology & Historic Buildings | 5 X | 0.0052 | = | 0.026 |
| Endangered Species | 15 X | 0 | = | 0 |
| Wetlands | 15 X | 0 | = | 0 |
| Air Quality | 10 X | 10 | = | 100 |
| Water Quality , | 15 X | 2 | = | 30 |
| Noise Quality: | | | | |
| Zone II off post | 10 X | 0 | = | 0 |
| Zone III off post | 15 X | 0 | = | 0 |
| Contaminated Sites | 15 X | 1 | = | 15 |
| Total | 100 | | | 145.026 ← |

*Simmons
 + cover*

4. **REFERENCES:** The most recent reference as identified for each factor.

5. **UNIT OF MEASURE:** Composite index. A sub-model is used with the factors defined as:

Archeology/Historic Buildings Factor = A/B

$\frac{0 + 3}{576.5} = 0.0052$

- A - (Number of sites/structures listed on the National Register (NR)) + (Number of sites determined eligible or potentially eligible for the NR)
- B - Total installation acres.

DATA Sources: Installation Cultural Surveys, Installation environmental office, National Register (NR), Installation Historic Preservation Plan, Installation EIS, SHPO.

Endangered Species Factor - Number of endangered and threatened

CLOSE HOLD

species (plant or animal) present on the installation.

DATA Sources: Installation biological surveys, Installation Master Plan NEPA document or equivalent, Installation Environmental Office.

Wetlands Factor = A/Total Installation Acres

A = Total wetlands acreage.

DATA Source: Installation wetlands inventory, National wetlands inventory, Installation master plan NEPA document or equivalent.

Air Quality Factor =

- 1 if air quality region is in attainment.
- 10 if air quality region is not in attainment.

DATA Source: AEHA surveys, Installation master plan NEPA document or equivalent, Installation Air Quality inventory.

Water Quality Factor = Number times the installation has exceeded the parameters of the NPDES permits during FY 1992.

DATA Source: Installation Environmental office, Installation Master plan NEPA document or equivalent.

Noise Quality Factor = Total area (acres) of AICUZ/ICUZ zones II and/or III that extend offpost.

DATA Sources: Installation Master plan NEPA document or equivalent, Installation ICUZ/AICUZ.

Contaminated Sites Factor = A+B =

$$1 + \phi = 1$$

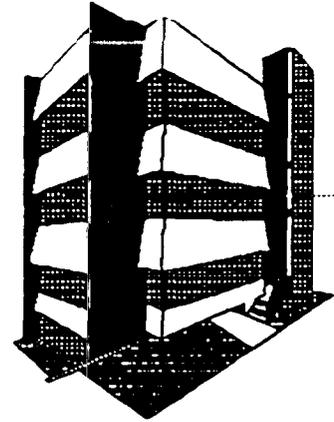
A = Total number of IRP sites
B = Total number of NPL sites

DATA Sources: USATHAMA surveys, Installation environmental office.

6. ATTRIBUTE SCORING: Composite number larger value is a better score.



HEADQUARTERS
U.S. ARMY
MEDICAL COMMAND
PROVISIONAL
FORT SAM HOUSTON,
TX 78234-6000



| | | | |
|---|--------------------------|--|--|
| COMMAND/ OFFICE: MCHO-OP | | FAX TELEPHONE (DSN/COMM) | RELEASER'S SIGNATURE PHONE: DSN/COMM |
| FROM: MAJOR DeVries MCHO-OP-MR | | DSN 471-6039 COMM (210) 221-6039 | <i>Cy DeVries</i> DSN: 471-8666 COMM: (210) 221-8666 |
| TO: MAJOR Check Fletcher/Kooby HQDA TABS Skidmore | | FAX DSN 224-6518 | DATE-TIME MONTH YEAR 14 837 Jun 94 |
| CLASSIFICATION UNCLASSIFIED CLOSE HOLD | NUMBER OF PAGES H + 3 | PRECEDENCE PRIORITY / ROUTINE | |

REMARKS:
~~WILL PTC TO WRAHC 221-6039, DATA 221-6039 AS FOLLOWS.~~
~~WRAHC TO FOLLOW.~~ MAJOR DEVRIES 971-8801
 ATTACHED IS BREAKOUT OF ~~ENVIRONMENTAL~~ ENVIRONMENTAL
 CARRYING CAPACITY. WRAHC ~~ATTACHED~~ TO FOLLOW
 CALL WITH QUESTIONS.

ATTRIBUTES AND WEIGHTS FOR MEDICAL CENTERS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| <u>ATTRIBUTE</u> | <u>FAMC</u> | <u>WRAMC</u> |
|-----------------------------------|---------------|--------------|
| Patient Care Facilities | 772.64/Q. FT. | 2,567/SQ. FT |
| Applied Instruction Facils | 7,418/sq ft | 0 |
| Medical Research Facilities | 61,920/sq ft | 0 |
| Deployment Network | | |
| Railhead | 2.5 mi | 40 mi |
| Airport | 6.0 mi BAGB | 32 mi AAFB |
| | 11.0 mi DEN | 45 mi DUL |
| | | 11 mi WNTL. |
| | | 32 mi Balt. |
| Seaports | 1250 mi Oakl | 40 mi |
| Highways | 0.5 mi | 3.0 mi |
| | 3.0 mi | |
| Reserve Training (# of personnel) | 1068 AT | |
| (mandays) | 7680 IDT | |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| <u>ATTRIBUTE</u> | | |
|---------------------------------|---------------|--------------|
| Encroachment (Population) | 222.3/sq mi. | 9,885/sq mi. |
| | 487.4/sq. mi. | |
| Mobilization Capability | | 0 |
| Billets(PN) Basic Capacity | 500 PN | |
| Peak demand | 756 PN | |
| Maintenance Facilities | 25,243 SQ FT | |
| Ranges | 0 | |
| Training (classroom) | 125,106 sq ft | |
| Geographic Dispersion | 1 sq mile | |
| IMA ** | 3.2 points | 3.0 points |
| Buildable Acres | 113.3 acres | 26.8 acres |

DRAFT

CLOSE HOLD

LAND AND FACILITIES

FAMC

WRAMC

ATTRIBUTE

| | | |
|--|-----------------------------|--------------|
| Percent Permanent Facilities | 62.86% | |
| Average Age of Facilities Infrastructure | 41.39 yrs/sq ft | 35 yrs/sq ft |
| water | 5.76 MGD | 4.4 MGD |
| sewage | 1.00 mgd | 1.4 MGD |
| electrical | 17 megawatts | 27,891 KVA |
| land fill | \$3.68/compacted cubic yard | |
| Environmental Capacity | | |
| Archeology/Historic Buildings | | |
| A = | 3 | 64 |
| B = | 576.5 | 277 |
| Endangered Species Factor | 0 | 0 |
| Wetlands Factor | 0 | 0 |
| Air Quality Factor | 10 | 10 |
| Water Quality Factor | 2 | 0 |
| Noise Quality Factor | 0 | 0 |
| Contaminated Sites Factor | | |
| A = | 1 | 0 |
| B = | 0 | 0 |

COST AND MANPOWER

ATTRIBUTE

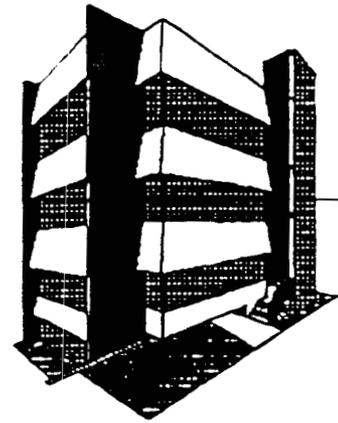
| | | |
|-----------------------------------|-------------|-------------|
| Cost of Living Index | 105.4 | 133.8 |
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| Health Care Support Index | \$4,647 | \$2,121 |
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DRAFT

CLOSE HOLD



HEADQUARTERS
U.S. ARMY
MEDICAL COMMAND
PROVISIONAL
FORT SAM HOUSTON,
TX 78234-6000



| | | |
|--|--|--|
| COMMAND/ OFFICE: MCHO-OP | FAX TELEPHONE (DSN/COMM) | RELEASER'S SIGNATURE PHONE: DSN/COMM |
| FROM: MAJOR DeVries MCHO-OP-MR | DSN 471-6039 COMM (210) 221-6039 | <i>Cj DeVries</i> DSN: 471-8666 COMM: (210) 221-8666 |
| TO: MAJOR Chuck Fletcher HQDA TABS | FAX DSN 224-6518 | DATE-TIME MONTH YEAR 14 037 Jun 94 |
| CLASSIFICATION UNCLASSIFIED CLOSE HOLD | NUMBER OF PAGES H + 3 | PRECEDENCE PRIORITY / ROUTINE |

REMARKS:

WILL FILL IN WALTER REED'S DATA 3000 AS POSSIBLE.

HARDCOPY TO FOLLOW. MAJOR DEVRIES 971-8801

DRAFT

ATTRIBUTES AND WEIGHTS FOR MEDICAL CENTERS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | <u>FAMC</u> | <u>WRAMC</u> |
|-----------------------------------|--------------|--------------|
| <u>ATTRIBUTE</u> | | |
| Patient Care Facilities | 772.64/sq ft | 2,567/sq ft |
| Applied Instruction Facils | 7,418/sq ft | 0 |
| Medical Research Facilities | 61,920/sq ft | 0 |
| Deployment Network | | |
| Railhead | 2.5 mi | 40 mi |
| Airport | 6.0 mi BAGB | 32 mi AAFB |
| | 11.0 mi DEN | 45 mi DUL |
| | | 11 mi WNTL. |
| | | 32 mi Balt. |
| Seaports | 1250 mi OAKL | 40 mi |
| Highways | 0.5 mi | 3.0 mi |
| | 3.0 mi | |
| Reserve Training (# of personnel) | 1068 AT | |
| (mandays) | 7680 IDT | |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | | |
|---------------------------------|---------------|--------------|
| <u>ATTRIBUTE</u> | | |
| Encroachment (Population) | 222.3/sq mi. | 9,885/sq mi. |
| | 487.4/sq. mi. | |
| Mobilization Capability | | 0 |
| Billets(PN) Basic Capacity | 500 PN | |
| Peak demand | 756 PN | |
| Maintenance Facilities | 25,243 SQ FT | |
| Ranges | 0 | |
| Training (classroom) | 125,106 sq ft | |
| Geographic Dispersion | 1 sq mile | |
| IMA ** | 3.2 points | 3.0 points |
| Buildable Acres | 113.3 acres | 26.8 acres |

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LAND AND FACILITIES

FAMC

WRAMC

ATTRIBUTE

| | | |
|--|-----------------------------|--------------|
| Percent Permanent Facilities | 62.86% | |
| Average Age of Facilities Infrastructure | 41.39 yrs/sq ft | 35 yrs/sq ft |
| water | 5.76 MGD | 4.4 MGD |
| Sewage | 1.00 mgd | 1.4 MGD |
| Electrical | 17 megawatts | 27,891 KVA |
| land fill | \$3.68/compacted cubic yard | |
| Environmental Capacity | 145.026 | 101.25 |

COST AND MANPOWER

ATTRIBUTE

| | | |
|-----------------------------------|-----------------|-------------|
| Cost of Living Index | 105.4 | 133.8 |
| Housing cost | \$4,700/AFH | \$7,253/AFH |
| Health Care Support Index | \$4,647 | \$2,121 |
| MCA Cost Factor (ACF index value) | 1.00 | 1.05 |

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Document Separator

06/09/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

Installation with map for 1.1

| TRADOC Install | Attribute | Source of Data | Fort Knox | Fort Leavenworth | Fort Lee | Fort Leon. Wood | Fort McClellan | Fort Monroe | Fort Rucker | Fort Sill | Presidio of Monterey |
|---|---|----------------|-----------|------------------|----------|-----------------|----------------|-------------|-------------|-----------|----------------------|
| LAND AND FACILITIES (225 Points) | | | | | | | | | | | |
| abcd | Average Age of Facilities | MACOM | 41.1 | 38.9 | 33.88 | 29.68 | 34.6 | 53.05 | 32.95 | 38.75 | 26.15 |
| abcd | Infrastructure | Install | | | | | | | | | |
| | Water treatment capability (MGD) | | 13713.5 | 8.88 | 1.28 | 9.8 | 3.5 | 4 | 7.6 | 12.5 | 0.4 |
| | Sewage treatment capability (MGD) | | 2.175 | 2.175 | 1.06 | 8.4 | 2.2 | 4.71 | 2.4 | 3.3 | 2.2 |
| | Electrical distribution capability (KVA) | | 40000 | 40000 | 22500 | 52500 | 16000 | 9375 | 46600 | 51020 | 4500 |
| | Land Fill (\$ per short-ton) | | 14.75 | 11.5 | 28 | 18 | 28 | 0 | 20 | 74217 | 4.59 |
| abcd | Percent Permanent Facilities | MACOM | 80.4 | 96.72 | 96.72 | 81.68 | 86.52 | 89.95 | 75.63 | 79.54 | 56.31 |
| abcd | Environmental Carrying Capacity | Install | | | | | | | | | |
| | Archaeological Factor | | | | | | | | | | |
| | Archeological Site Density (Total) | | | | | | | | | | |
| | Sites listed on Nat Reg | | 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Eligible/Potential Sites | | 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total acres surveyed | | 30000 | 30000 | 36000 | 29211 | 36543 | 1068 | 43328 | 57706 | 4200 |
| | Total installation acres | | 10905 | 5874 | 5874 | 43410 | 45679 | 1068 | 63503 | 94220 | 1166 |
| | Percent completed | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | Historical Building Factor | | | | | | | | | | |
| | Historical Buildings Density (Total) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Number of buildings listed on Nat Reg | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Eligible/Potential buildings | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total buildings surveyed | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Percent completed | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Endangered Species Factor | | | | | | | | | | |
| | Total Endangered Species: | | 2 | 1 | 1 | 3 | 2 | 0 | 0 | 0 | 0 |
| | Endangered Fauna: | | 2 | 1 | 1 | 3 | 2 | 0 | 0 | 0 | 0 |
| | Endangered Flora: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Threatened Species: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Threatened Fauna: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Threatened Flora: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Wetland Factor | | | | | | | | | | |
| | Total Wetland Acreage | | 109054 | 359 | 1000 | 695 | 1451 | 67 | 9573 | 1200 | 0 |
| | Total Installation Acres | | 109054 | 5634 | 5874 | 43410 | 45679 | 1068 | 63503 | 94220 | 1166 |
| | Air Quality Factor: Region in Attainment (Y/N) | | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | Water Quality Factor - NPDES Exceeded | | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | Noise Quality Factor | | | | | | | | | | |
| | Total Acres AICUZ/ICUZ Zone II - extend off post | | 1900 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total Acres AICUZ/ICUZ Zone III - extend off-post | | 18 | 18 | 18 | 12 | 12 | 0 | 0 | 0 | 0 |
| | Contaminated Sites Factor | | | | | | | | | | |
| | Total Number of IIR Sites | | 18 | 18 | 18 | 12 | 12 | 0 | 0 | 0 | 0 |
| | Total Number of NPL Sites | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| c | Maintenance Facilities (000) | MACOM | | | | | | 82 | | | |
| c | Supply and Storage Facilities (000) | MACOM | | | | | | 95 | | | |
| abd | Work Space (000) | MACOM | 7999 | 773 | 788 | 1355 | 809 | | 1173 | 2391 | 45 |
| ab | Family Housing | MACOM | 4363 | 1588 | 1461 | 2864 | 571 | | 1516 | 1415 | 1675 |
| abd | Barracks | MACOM | 11207 | 1279 | 5578 | 13152 | 6777 | | 2873 | 13903 | 2277 |

Handwritten annotations and calculations on the table data:

- Fort Knox: 13713.5, 14.75, 80.4, 109054, 1900, 18, 7999, 4363, 11207
- Fort Leavenworth: 38.9, 8.88, 2.175, 40000, 11.5, 96.72, 359, 5634, 0, 773, 1588, 1279
- Fort Lee: 33.88, 1.28, 1.06, 22500, 28, 96.72, 1000, 5874, 0, 788, 1461, 5578
- Fort Leon. Wood: 29.68, 9.8, 8.4, 52500, 18, 81.68, 695, 1451, 0, 1355, 2864, 13152
- Fort McClellan: 34.6, 3.5, 2.2, 16000, 28, 86.52, 1451, 45679, 0, 809, 571, 6777
- Fort Monroe: 53.05, 4, 4.71, 9375, 0, 89.95, 67, 9573, 1, 82, 95, 2873
- Fort Rucker: 32.95, 7.6, 3.3, 46600, 20, 75.63, 9573, 63503, 16, 1173, 13903
- Fort Sill: 38.75, 12.5, 4.3, 51020, 4.59, 79.54, 1200, 94220, 86, 2391, 1415
- Presidio of Monterey: 26.15, 0.4, 2.2, 4500, 20, 56.31, 0, 0, 0, 0, 0, 0, 45, 1675, 2277

San Head

CLOSE HOLD

06/09/94

TRADOC BRAC 95 Installation Assessment Data Call Submission

CLOSE HOLD

| TRADOC Install | Attribute | Source of Data | Carlisle Barracks | Fort Benning | Fort Bliss | Fort Chaffee | Fort Eustis | Fort Gordon | Fort Huachuca | Fort Jackson | |
|-------------------|---|-------------------|----------------------|-----------------|---------------|-----------------|----------------|----------------|------------------|-----------------|--|
| | CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS (125 Points) | | | | | | | | | | |
| abcd | Buildable Acres | Install | 32 | 4100 | 3000 | 7901 | 603 | 4960 | 1447 | 4153 | |
| abcd | Encroachment | DA | | | | | | | | | |
| d | Deployment Network | Install | | | | 599 | | | | | |
| | Airport Distance (city/miles) | | | | | 5 | | | | | |
| | Railroad Distance (city/miles) | | | | | 0 | | | | | |
| | Seaport Access Dist (city/miles) | | | | | 589 | | | | | |
| | Interstate Highway (Miles) | | | | | 5 | | | | | |
| abcd | Mobilization Capability | Install | 0 | 40170 | 22222 | 13243 | 17869 | 11463 | 13323 | 25027 | |
| | Permanent Officer Mob UOPH | | 0 | 7990 | 1409 | 0 | 702 | 459 | 616 | 380 | |
| | Permanent Enlisted Mob UEPH | | 0 | 28184 | 13006 | 0 | 15291 | 9455 | 8336 | 19370 | |
| | Temporary Officer Mob UOPH | | 0 | 0 | 202 | 726 | 23 | 99 | | 4 | |
| | Temporary Enlisted Mob UEPH | | 0 | 4004 | 7605 | 12517 | 1853 | 1450 | 4171 | 5113 | |
| d | Information Mission Area | Install | | | | 265 | | | | | |
| | Telephone Switching | | | | | 100 | | | | | |
| | Main DCOs digital switch (Y/N) | | | | | 0 | | | | | |
| | Percentage of Fill | | | | | 3 | | | | | |
| | Lines (Equipped) | | | | | 1 | | | | | |
| | Lines (Expandable To) | | | | | 0 | | | | | |
| | Outside Cable Plant | | | | | 140 | | | | | |
| | OSCAR Implementation Phase Completed | | | | | 3 | | | | | |
| | Cable Type (Fiber Backbone, Mixed or Copper) | | | | | 1 | | | | | |
| | Percentage of Fill | | | | | 3 | | | | | |
| | Common User Mainframe Architecture | | | | | 0 | | | | | |
| | Mainframe type | | | | | 0 | | | | | |
| | Total MIPS | | | | | 0 | | | | | |
| | ASIMS (RDC or EPC) | | | | | 0 | | | | | |
| | E-Mail (Sperry/MDF, Other or None) | | | | | 0 | | | | | |
| | Front End Processor (Y/N) | | | | | 0 | | | | | |
| | Super Computer (Y/N) | | | | | 0 | | | | | |
| | Common User DASD (GIGABYTES) | | | | | 0 | | | | | |
| | DSN/DDN Node | | | | | 0 | | | | | |
| | DSN (Y/N) | | | | | 0 | | | | | |
| | MILNET (Y/N) | | | | | 0 | | | | | |
| | DISHET (Y/N) | | | | | 0 | | | | | |
| | SCIHET (Y/N) | | | | | 0 | | | | | |
| | Post Wide WAN/LAN | | | | | 0 | | | | | |
| | Fiber Optic (Y/N) | | | | | 0 | | | | | |
| | Other (Y/N) | | | | | 0 | | | | | |
| | TCC | | | | | 25 | | | | | |
| | GENSER Type | | | | | 5 | | | | | |
| | DSSCS Type | | | | | | | | | | |
| | AME or ASC (Y/N) | | | | | | | | | | |
| | Comm Secure Processor (Y/N) | | | | | 0 | | | | | |
| | VTC Facility | | | | | 0 | | | | | |
| | VTC Facility (Y/N) | | | | | 0 | | | | | |

CLOSE HOLD

Page 1 of

TRADOC BRAC 86 Installation Assessment Data Call Submission

| TRADOC Install | Source of Data | Fort Knox | Fort Leavenworth | Fort Lee | Fort Leavenworth | Fort McClellan | Fort Monroe | Fort Rucker | Fort Sill | Presidio of Monterey |
|----------------|----------------|-----------|------------------|----------|------------------|----------------|-------------|-------------|-----------|----------------------|
| abcd | Install | 2000 | 1814 | 482 | 5781 | 2832 | 149 | 5203 | 1850 | 166 |
| abcd | DA | | | | | | | | | |
| d | Install | 1412 | 0 | 1050 | 6630 | 1451 | 462 | 8059 | 23709 | 1412 |
| abcd | Install | 1412 | 0 | 1412 | 1374 | 1345 | 0 | 1336 | 1965 | 0 |
| abcd | Install | 1412 | 0 | 1412 | 19860 | 17049 | 92 | 4890 | 16089 | 1412 |
| d | Install | 1906 | 0 | 1460 | 4338 | 1076 | 141 | 1900 | 5655 | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS (125 points)

- Bulldoze Acres
- Encroachment
- Deployment Network
- Airport Distance (city/miles)
- Railroad Distance (city/miles)
- Seaport Access Dist (city/miles)
- Interstate Highway (miles)
- Mobilization Capability
- Permanent Officer Mob UOPH
- Permanent Enlisted Mob UOPH
- Temporary Officer Mob UOPH
- Temporary Enlisted Mob UOPH
- Information Mission Area
- Telephone Switching
- Main DCOs digital switch (Y/N)
- Percentage of Fill
- Lines (Equipped)
- Lines (Expandable To)
- Outside Cable Plant
- OSCAR Implementation Phase Completed
- Cable Type (Fiber Backbone, Mixed or Copper)
- Percentage of Fill
- Common User Mainframe Architecture
- Mainframe Type
- Total MIPS
- AS/MS (RDC or DPC)
- E-Mail (Sperry/WEE, Other or None)
- Front End Processor (Y/N)
- Super Computer (Y/N)
- Common User DASD (GIGABYTES)
- DSN/DDN Mode
- DSN (Y/N)
- MILNET (Y/N)
- DISNET (Y/N)
- SCINET (Y/N)
- Post Wide WAN/LAN
- Fiber Optic (Y/N)
- Other (Y/N)
- TCU SENSER Type
- ISSCS Type
- AME or ASC (Y/N)
- Comm Secure Processor (Y/N)
- VTC Facility
- VTC Facility (Y/N)

TRADOC BRAC 95 Installation Assessment Data Call Submission

| TRADOC Install | Attribute | Source of Data | Carlisle Barracks | Fort Benning | Fort Bliss | Fort Chaffee | Fort Suttle | Fort Gordon | Fort Huachuca | Fort Jackson |
|----------------|---|----------------|-------------------|--------------|------------|--------------|-------------|-------------|---------------|--------------|
| abcd | COST AND MANPOWER (200 Points) | | | | | | | | | |
| abc | Cost of Living Index | DA | \$8.25 | \$4.10 | \$3.63 | | \$5.20 | \$4.92 | \$5.35 | \$3.56 |
| abc | Family Housing Cost per Dwelling Unit (\$K) | Install | \$2,648 | \$16,734 | \$12,259 | | \$7,725 | \$4,311 | \$10,452 | \$4,584 |
| | Average AFHO Costs (\$K) | | \$2,806 | \$16,748 | \$14,122 | | \$6,981 | \$4,941 | \$13,445 | \$5,283 |
| | FY93 AFH Operations Cost | | \$2,533 | \$16,248 | \$12,099 | | \$7,342 | \$3,865 | \$9,167 | \$4,007 |
| | FY92 AFH Operations Cost | | \$2,604 | \$17,207 | \$10,561 | | \$8,852 | \$4,128 | \$8,743 | \$4,223 |
| | Number of AFH units on post | MCOM | 321 | 4,082 | 3,377 | | 1,485 | 877 | 1,954 | 1,266 |
| abcd | Locality Pay Factor | DA | | | | | | | | |
| abcd | BASOPS/Mission Population | MCOM | | | | | | | | |
| | BASOPS Spt, G6MA and ROTC Costs (FY93 \$K) | | \$15,919 | \$163,197 | \$146,985 | \$0 | \$81,321 | \$88,680 | \$81,254 | \$76,129 |
| | BASOPS, Account 815794 less P & Y Personnel | | \$9,821 | \$113,803 | \$98,933 | \$0 | \$52,488 | \$59,177 | \$50,870 | \$50,411 |
| | Non-Personnel | | \$5,098 | \$57,788 | \$48,052 | | \$22,087 | \$20,033 | \$21,096 | \$26,502 |
| | BASOPS, Accounts 815754-F & 815756Y | | \$3,923 | \$56,015 | \$57,058 | | \$30,401 | \$39,144 | \$29,774 | \$23,909 |
| | RPM, Accounts 815776L & 815778K | | \$892 | \$3,603 | \$4,741 | | \$5,080 | \$3,696 | \$4,722 | \$3,475 |
| | Envit Pgm (ECAP), Account 815756 | | \$2,769 | \$10,754 | \$26,383 | | \$8,622 | \$10,949 | \$12,900 | \$8,963 |
| | Audio-Visual, Account 815790 | | \$189 | \$1,111 | \$1,294 | | \$1,207 | \$722 | \$1,207 | \$892 |
| | Base Commo, Account 815795 | | \$966 | \$1,915 | \$3,725 | | \$2,333 | \$1,812 | \$1,061 | \$762 |
| | Family Pgm, Accts 816708/19/20 | | \$744 | \$2,016 | \$1,938 | | \$1,546 | \$2,302 | \$3,212 | \$1,961 |
| | DoCPH 92/93 Total Personnel | | \$123 | \$4,758 | \$6,450 | \$0 | \$2,506 | \$1,706 | \$1,622 | \$1,700 |
| | Non-Personnel | | \$0 | \$6 | \$0 | | \$82 | \$161 | \$0 | \$0 |
| | DoCPH 93/94 Total Personnel | | \$123 | \$4,752 | \$6,450 | | \$2,424 | \$2,875 | \$1,219 | \$2,872 |
| | Non-Personnel | | \$87 | \$14,246 | \$4,345 | \$0 | \$365 | \$5,680 | \$4,441 | \$5,093 |
| | Total Mission Population (BOSM) | | \$608 | \$14,246 | \$4,345 | | \$4,281 | \$5,492 | \$4,441 | \$5,093 |
| abcd | MCA Cost Factor | DA | 1187 | 28757 | 19523 | 440 | 11600 | 14150 | 9903 | 17950 |
| abc | VNA Factor | MCOM | | | | | | | | |
| | E-5 with dependents | DA | | | | | | | | |
| | W-3 with dependents | DA | | | | | | | | |
| | O-3 with dependents | DA | | | | | | | | |

13.411
5.675
7.431

a = Training Schools (all other TRADOC installations)
 b = Professional Schools (Carlisle Barracks, Fort Leavenworth & PCH)
 c = Command & Control/Administrative Support (Fort Monroe)
 d = Training Areas (Fort Chaffee)

EST KNOX

| | | |
|----------|---------|--------------------|
| 1300 | 1165 | Total Bldg Surv. |
| 1900 | 0 | Noise Quality I |
| 18 | 34 | IFR Sites |
| 4610 | 4612 | AFHC (Auto) (Auto) |
| 5085 | 5090 | " " FYB |
| 1075 | 1195 | IANA |
| 400 | 450 | Telephone Switch |
| 1 | 3 | % OF FILL |
| 5 | 25 | DSN/DON |
| 0 | 45 | LAN |
| 0 | 30 | Other Y/N |
| 13.7 | 13.5 | Water |
| 120000 | 132000 | Electrical |
| 0 | 119.75 | Landfill |
| 16352 | 16293 | MOB Bldg Ent |
| 6294 | 6059 | RESERVE # |
| 7404 | 6898 | |
| 6655 | | |
| 4824 | | |
| 8467567 | 84674 | " Mandays |
| 92995 | 92990 | |
| 90536 | | |
| 70496 | | |
| 778 000 | 800000 | AIF |
| 41.1 | | Pgs of fol |
| 160000 | 168000 | GIA |
| 6184 | 78.6 | % PF |
| 2 353000 | 2572540 | WORKSPACE |

| Installation | Submitted value | Army Audit | Attribute | MACOM VS. Army Submission | Army Audit |
|-------------------|-----------------|------------|---------------------|---------------------------|------------|
| Carlisle Barracks | 103 | 104 | Historical density | | |
| | 26 | 22 | Bldg on Reg. | | |
| | 76 | 82 | Elig./Pot. | | |
| | 27 | 102 | Tot. Bldgs. Surv. | | |
| | 26 | 98 | % Completed | | |
| | 250 | 400 | Telephone Switching | | |
| | 25 | 75 | DSN/DON | | |
| | 450 | 375 | Comm User MF | 1155 | 1280 |
| | 76.51 | 98 | % PF | | |

| | (2) | (3) | (4) | (5) | (6) | (7) |
|--------------|-----------------|----------------------|---|------------------|----------------|-----|
| Installation | Submitted Value | Army Audit Value | Attribute | MACOM Submission | vs. Army Audit | |
| Fort Rucker | 1190 | 1230 | IMA ^{Cable} outside | | | |
| | 60 | 26 | Water | | | |
| | 2.4 | 3.3 | Sewage | | | |
| | 66600 | 74217 | Electrical | | | |
| | 1762 | 1688 | Reserve Training ^{Permit} (11/8) | | | |
| | 2195 | 2420 | " " 93 | | | |
| | 16076 | 13598 | " " Parks (Ave) | | | |
| | 20311 | 15184 | " " FY93 | | | |
| | 15897 | 15664 | " " FY92 | | | |
| | 13020 | 9945 | " " FY91 | | | |
| | 1593 | 1323 | Work Space | | | |
| FORT KNOX | 1300 | 1155 ^{copy} | Total Body Str. ^{11/55} | | | |
| | 1900 | 0 | Noise Quality I | | | |
| | 15 | 34 ^{copy} | TFR Sites | | | |
| | 4610 | 4610 ^{copy} | | | | |



DEPARTMENT OF THE ARMY

HEADQUARTERS UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
FORT MONROE, VIRGINIA 23651-5000

REPLY TO
ATTENTION OF

ATCS-O

SEP 21 1994

MEMORANDUM FOR Director, The Army Basing Study, ATTN: DACS-TABS, Office of the Chief of Staff, Washington, D.C. 20310-0200

SUBJECT: BRAC 95 Installation Assessment (IA) Program

1. References:

- a. Memo, HQ TRADOC, ATCS-OS, 31 May 94, subject: BRAC 95 Installation Assessment (IA) Program.
- b. Memo, HQ TRADOC, ATCS-OS, 22 Jun 94, subject: BRAC 95 Undergraduate Pilot Training Data Call.
- c. Memo, HQ TRADOC, ATCS-OS, 27 Jun 94, subject: BRAC 95 Data Call #3, Installation Environmental Baseline Survey (IEBS).

2. The above referenced documents are TRADOC's initial submission to a series of data calls required to complete the BRAC 95 Installation Assessment. Since then the installations, this headquarters, or your office have identified corrections to the original submission. ~~Most of these corrections have been~~ provided to your staff informally.

3. At Enclosure 1 are the changes to Data Call #1 (Installation Assessment); at Enclosure 2 is the additional Undergraduate Pilot Training information requested from Fort Rucker; at Enclosure 3 is the reconciliation between Data Call #1 and #3 (IEBS); and at Enclosure 4 is an addition to Fort Bliss' Data Call #3 (IEBS) submission.

4. This command worked hard to ensure the accuracy and completeness of the initial submission and to maintain an audit trail of all changes.

- a. TRADOC published a BRAC 95 Internal Control Program Memorandum which specifies the procedures to be used in data collection.

- b. Installation submissions were staffed within this headquarters to verify the accuracy and completeness of their data.

DEPARTMENT OF THE ARMY

ATCS-OS

SUBJECT: BRAC 95 Installation Assessment (IA) Program

c. The Assistant Deputy Chief of Staff for each staff section certified to the accuracy and completeness of the installation submission, and provided a documentation section which addressed corrections made to the installation input and the justification for the change.

d. A list of the trusted agent at each TRADOC installation and the TRADOC staff has been published. Data calls and submissions flow through these agents.

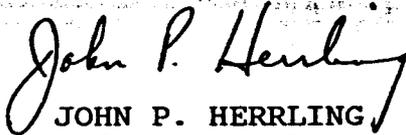
e. AAA reviewed our initial Data Call #1 submission and was satisfied with the installation and this headquarters data input, the guidance this headquarters provided installations, and the procedures this headquarters used in the data collection.

5. The information contained in this report is accurate and complete to the best of my knowledge and belief.

6. Point of contact is LTC Franks, PROFS MON1(FRANKSJ), DSN 680-3681, or Ms. Cole, PROFS MON1(COLEF), DSN 680-4370, FAX 680-4267/4374.

FOR THE COMMANDER:

4 Encls


JOHN P. HERRLING
Major General, GS
Chief of Staff

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Carlisle Barracks

1. Mobilization Capability was not complete and should be as follows:

| | | |
|----------------------------------|-------------------------------------|----|
| Mobilization Capability/Billets: | Permanent Officer Mob UOPH: | 18 |
| | Permanent Enlisted Mob UEPH: | 60 |
| | Temporary Officer Mob UOPH: | 0 |
| | Temporary Enlisted Mob UEPH: | 0 |
| Deployment Network: | Railhead Distance | 1 |
| | Airport Distance | 18 |
| | Seaport Access Distance | 85 |
| | Interstate Highway | 1 |
| Ranges: | Number of MPRC: | 0 |
| | Number of RETS Equipped Firing Pts: | 0 |
| | Standard MOUT Range Available: | 0 |
| | Total Number of Ranges: | 0 |
| Net Maneuver Acres: | | 0 |
| Contiguous Maneuver Acres: | | 0 |

2. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Carlisle Barracks .. 612

3. Change VHA Factor from \$405 to \$300 based on January 1993 VHA Zip Code Microfiche.

4. Change Locality Pay Factor from 1.031 to 1.0309 based on pay adjustment to 1994 Civilian Pay Rates.

5. Change Archaeological/Historical Factor to 0.260546, TABS computation error.

6. Change Wetland Factor to 0.015633, TABS computation error.

7. Change Percent Permanent from 97.55 to 97.78 to include Collins Hall.

8. Change Applied Instructional Facility to 128,434 to include Collins Hall.

9. Change Workspace to 131,000 to include Collins Hall.

10. Change IMA from 1155 to 1230.
 - a. Under Telephone Switching, change Percentage of Fill from 3 to 5. Change Lines (Equipped) from 1 to 3. Change Lines (Expandable to) from 1 to 3). Change caused by additional review of the number of total lines in service vs. lines available.
 - b. Under Common User Mainframe Architecture, change ASIMS (RDC or DPC) from 5 to 0. Installation does not have a Regional Data Center and received Data Processing Center support from Fort Indiantown Gap.
 - c. Under DSN/DDN Node, change MILNET from 5 to 0 and DISNET from 0 to 5. While, Carlisle does have connection to the Military Network, they do not have physical Packet Switch Node located on the installation. They do have a DISNET node recently located from another installation.

11. Change Landfill Costs per ton to \$85.00 to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Benning

1. Fort Benning Mechanized Maneuver Acres was not reported and should be 40,000.
2. When validating data call #3 (Environmental), some adjustments were necessary:
Fort Benning: Change Eligible/Potential Sites from 1,100 to 386
Change Total Acres Surveyed from 45,000 to 45,500
3. Off post Housing was not included in the Family Housing totals. New Family Housing totals are:
Fort Benning .. 9628
4. VHA Factor should be \$101 versus \$205, based on January 1993 VHA Zip Code Microfiche.
5. Change Archaeological/Historical Factor to .005165 based on Data Call #3 update.
6. Change Wetland Factor to 0.121693, TABS computation error.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Bliss

1. Fort Bliss IMA Communications Secure Processor should be "no", not "yes" as reported and will change total IMA points from 1,300 to 1,275.
2. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Bliss .. 7448
3. Change Workspace from 3,035,000 to 3,017,000 due to IFS error.
4. Change Barracks from 7820 to 7878 based on updated data.
5. Request reconsideration of MSA used to compute "Encroachment" attribute for Fort Bliss. For BRAC 93, the encroachment value was 49, compared to the 620 reported in BRAC 95. Fort Bliss is encircled by three counties, not just El Paso, and all should be used to compute encroachment.
6. Change Portable Water Capacity to 13.0 MGD to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Chaffee

1. Fort Chaffee maneuver acres should be 62,046, not 63,059 as reported.
2. When validating data call #3 (Environmental), some adjustments were necessary:
 Fort Chaffee: Change Total Acres Surveyed from 50,000 to 49,639
 Change Acres AICUZ Zone II from 150 to 141

| | |
|---|---------|
| 3. BASOPS costs: | Chaffee |
| BASOPS Spt, OMA & RDTE Costs (FY93 \$K) | 37,220 |
| BASOPS, Account 815796 less P & Y | 21,054 |
| Personnel | 9,397 |
| Non-Personnel | 11,657 |
| BASOPS, Account 815796P & 815796Y | 169 |
| RPM, Accounts 815776L & 815778K | 12,465 |
| Envir Pgms (ECAP), Account 815756 | 1,012 |
| Audio-Visual, Account 815790 | 175 |
| Base Commo, Account 815795 | 63 |
| Family Pgms, Accts 878708/19/20 | 0 |
| DoDRPM 92/93 Total | 0 |
| Personnel | 0 |
| Non-Personnel | 0 |
| DoDRPM 93/94 Total | 2,282 |
| Personnel | 50 |
| Non-Personnel | 2,232 |

Change due to split between Fort Chaffee and Fort Sill BASOPS costs.

4. Off post Housing was not included in the Family Housing totals. New Family Housing totals are:
 Fort Chaffee .. 0
5. Average Age of Facilities should be 53.95 as reported in TRADOC's Data Call #1 submission.
6. Change Archaeological/Historical factor to 0.001415, TABS computation error.
7. BASOPS Factor is 84.591 based on revised BASOPS costs.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Eustis

1. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Eustis .. 5736
2. Change Portable Water Capacity to 9.94 MGD to correct discrepancy between data call #1 and #3.
3. Change Landfill costs per ton to \$43.88 to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Gordon

1. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Gordon .. 5307
2. Locality Pay Factor should be 1.0309 instead of 1.0328 based on pay adjustment to 1994 Civilian Pay Rates.
3. Change MSA for Encroachment Attribute from Atlanta to Augusta-Aiken, GA-SC due to TABS reevaluation.
4. Change Barracks from 8065 to 8665 due to new construction.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Huachuca

1. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Huachuca .. 4006
2. VHA Factor should be changed from \$212 to \$86 based on January 1993 VHA Zip Code Microfiche.
3. Change Sewer Capacity to 3.85 MGD to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Jackson

1. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Jackson .. 4763
2. Change Portable Water Capacity to 9.35 MGD to correct discrepancy between data call #1 and #3.
3. Change Sewer Capacity to 9.2 MGD to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Knox

1. When validating data call #3 (Environmental), some adjustments were necessary:
Fort Knox: Change Total Wetland Acreage from 2,000 to 900
2. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Knox .. 8339
3. Change Wetland Factor to 0.008253 based on Data Call #3 update.
4. Change Electrical Capability from 120,000 to 132,000 based on AAA review.
5. Change IMA from 1220 to 1195.
 - a. Under Telephone Switching, change Percentage of Fill from 5 to 3. Additional review of the number of total lines in service vs. lines available.
 - b. Under DSN/DDN Node, change DSN from 0 to 5. Presence of the IDNX node represents a newer version of the DSN and AAA agreed this should be reflected on the IMA profile.
6. Change Portable Water Capacity to 10.5 MGD to correct discrepancy between data call #1 and #3.
7. Change Landfill Costs per ton to \$24.80 to correct discrepancy between data call #1 and #3.
8. Change Reserve Training, per AAA recommendation, to:

| | |
|-----------------------|--------|
| Annual Training (avg) | 6,059 |
| FY93 | 6,698 |
| FY92 | 6,655 |
| FY91 | 4,824 |
| IDT Training (avg) | 84,674 |
| FY93 | 92,990 |
| FY92 | 90,536 |
| FY91 | 70,496 |
9. Change Permanent enlisted MOB UEPH from 16,352 to 16,393, per AAA recommendation.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Leavenworth

1. Mobilization Capability was not complete and should be as follows:

| Mobilization Capability/Billets: | Leavenworth |
|-------------------------------------|-------------|
| Permanent Officer Mob UOPH: | 763 |
| Permanent Enlisted Mob UEPH: | 466 |
| Temporary Officer Mob UOPH: | 0 |
| Temporary Enlisted Mob UEPH: | 0 |
| Deployment Network: | |
| Railhead Distance | 30 |
| Airport Distance | 20 |
| Seaport Access Distance | 1500 |
| Interstate Highway | 12 |
| Ranges: | |
| Number of MPRC: | 0 |
| Number of RETS Equipped Firing Pts: | 0 |
| Standard MOU Range Available: | 0 |
| Total Number of Ranges: | 0 |
| Net Maneuver Acres: | 0 |
| Contiguous Maneuver Acres: | 0 |

2. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Leavenworth .. 2910

3. Change VHA actor from \$346 to \$206 based on January 1993 VHA Zip Code Microfiche.

4. Change Percent Permanent from 96.72 to 96.78 to correct data call #1 error.

5. Change Sewer Capacity to 5.447 MGD to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Lee

1. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Lee .. 2455
2. Percent Permanent Facilities for Fort Lee should be 83.02 to correct data call #1 error.
3. Change Mobilization Billets from 10691 to 11183, new barracks not included in original submission.
4. Change Portable Water Capacity to 6.0 MGD to correct discrepancy between data call #1 and #3.
5. Change Sewer Capacity to 2.5 MGD to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Leonard Wood

1. When validating data call #3 (Environmental), some adjustments were necessary:
Fort L. Wood: Change Total Installation Acres from 62,910 to 62,911
2. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Leonard Wood .. 4453
3. Change Wetland Factor to 0.011047 due to data call #3 update.
4. Change Workspace to 1,222,000 to correct data call #1 error.
5. Change Percent Permanent facilities from 81.68 to 82.0 to correct data call #1 error.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort McClellan

1. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort McClellan .. 2867
2. Change Percent Permanent Facilities from 86.52 to 87.13. Installation correction to data call #1.
3. Change Portable Water Capacity to 15 MGD to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Monroe

1. Mobilization Capability was not complete and should be as follows:

| | |
|-------------------------------------|--------|
| Mobilization Capability/Billets: | Monroe |
| Permanent Officer Mob UOPH: | 8 |
| Permanent Enlisted Mob UEPH: | 92 |
| Temporary Officer Mob UOPH: | 16 |
| Temporary Enlisted Mob UEPH: | 0 |
| Deployment Network: | |
| Railhead Distance | 7 |
| Airport Distance | 6 |
| Seaport Access Distance | 8 |
| Interstate Highway | 2 |
| Ranges: | |
| Number of MPRC: | 0 |
| Number of RETS Equipped Firing Pts: | 0 |
| Standard MOUT Range Available: | 0 |
| Total Number of Ranges: | 0 |
| Net Maneuver Acres: | 0 |
| Contiguous Maneuver Acres: | 0 |
| Work Space (Total is 650): | |
| Maint Hanger AVUM (FCG 21110): | 0 |
| Maint Hanger AVIM (FCG 21111): | 0 |
| NG Maint Fac (FCG 21407): | 0 |
| AR Maint Fac (FCG 21409): | 0 |
| Veh Maint Shop Org (FCG 21410): | 48 |
| Veh Maint Shop DS (FCG 21420): | 0 |
| Sp Pur Maint Shop (FCG 21800): | 4 |
| Maint Inst O&R (FCG 21900): | 30 |
| AV Unit Ops Bldg (FCG 14112): | 0 |
| AF Ops Bldg (FCG 14110): | 0 |
| Bde HQ Bldg (FCG 14182): | 0 |
| Bn HQ Bldg (FCG 14183): | 0 |
| Co HQ Bldg (FCG 14185): | 0 |
| Gen Purpose Admin (FCG 61050): | 568 |
| MILCON (FY92-96): | 0 |

2. Barracks and Family Housing total is 1,102.
3. Annual Training (# people) is 98 as reported in TRADOC's Data Call #1 submission.
4. Change Locality Pay Factor from 1.033 to 1.0328 based on pay adjustments to 1994 Civilian Pay Rates.
5. Change BASOPS Factor from 9023.7 to 10.877. TABS computation error.
6. Change Landfill Costs per ton to \$30.00. Fort Monroe recently re negotiated their contract.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Rucker

1. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Rucker .. 4233

2. Change Reserve Training data, per AAA review, to:

| | |
|----------------------------|--------|
| Annual Training (# people) | 1688 |
| FY93 | 1814 |
| FY92 | 2420 |
| FY91 | 829 |
| Inactive Duty Training | 13,598 |
| FY93 | 15,184 |
| FY92 | 15,664 |
| FY91 | 9,945 |

3. Change Endangered Species Factor to 0 per AAA review.

4. TABS reconsider using the counties of Dale and Coffee to compute Encroachment Factor instead of Dothan, AL MSA. Map and population provided to support change. AAA concurred.

5. Change Water Capability from 6 to 7.6 per AAA review.

6. Change Sewage Capability from 2 to 3.3 per AAA review.

7. Change Electrical Capability from 66,600 to 74,217 per AAA review.

8. Change Barracks from 2873 to 3142 based on updated data to include new construction.

9. Change IMA from 1190 to 1230. Under Outside Cable Plant, change Percentage of Fill from 3 to 5. Additional review of the number of cable paths in service vs. actual number of paths available. This was verified during AAA audit.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Fort Sill

| | |
|---|---------|
| 1. BASOPS costs: | Sill |
| BASOPS Spt, OMA & RDTE Costs (FY93 \$K) | 110,515 |
| BASOPS, Account 815796 less P & Y | 65,688 |
| Personnel | 21,290 |
| Non-Personnel | 44,398 |
| BASOPS, Account 815796P & 815796Y | 5,220 |
| RPM, Accounts 815776L & 815778K | 20,458 |
| Envir Pgms (ECAP), Account 815756 | 3,800 |
| Audio-Visual, Account 815790 | 1,966 |
| Base Commo, Account 815795 | 2,730 |
| Family Pgms, Accts 878708/19/20 | 1,699 |
| DoDRPM 92/93 Total | 190 |
| Personnel | 0 |
| Non-Personnel | 190 |
| DoDRPM 93/94 Total | 8,764 |
| Personnel | 0 |
| Non-Personnel | 8,764 |

Change to properly split Fort Sill and Fort Chaffee BASOPS costs.

2. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Fort Sill .. 14025

3. Change BASOPS Factor to 5.170 due to revised BASOPS costs.

4. Change Contaminated Sites Factor to 27, TABS data entry error.

**BRAC 95 Data Call #1 -- Installation Assessment
Discrepancies Identified by Installation
as of 31 August 94**

Presidio of Monterey

1. Change Family Housing Cost per Unit to \$2,968.00. Number of AFH units on post is 5,978 versus 1,675. 5,978 is correct for historical data, but 1,675 is the planned number for POM as result of Fort Ord closure.

2. When validating data call #3 (Environmental), some adjustments were necessary:

POM: Change Total Acres Surveyed from 120 to 849
Change Number of IRP Sites from 7 to 8
Change Contaminated Sites from 10 to 11

| | |
|---|--------|
| 3. BASOPS costs: | POM |
| BASOPS Spt, OMA & RDTE Costs (FY93 \$K) | 34,618 |
| BASOPS, Account 815796 less P & Y | 24,149 |
| Personnel | 15,102 |
| Non-Personnel | 9,047 |
| BASOPS, Account 815796P & 815796Y | 3,339 |
| RPM, Accounts 815776L & 815778K | 3,034 |
| Envir Pgms (ECAP), Account 815756 | 1,147 |
| Audio-Visual, Account 815790 | 890 |
| Base Commo, Account 815795 | 1,048 |
| Family Pgms, Accts 878708/19/20 | 1,011 |
| DoDRPM 92/93 Total | 0 |
| Personnel | 0 |
| Non-Personnel | 0 |
| DoDRPM 93/94 Total | 0 |
| Personnel | 0 |
| Non-Personnel | 0 |

4. Off post Housing was not included in the Family Housing totals. New Family Housing totals are: Presidio of Monterey .. 2200

5. Change BASOPS Factor from 6.694 to 6.795. TABS computation error.

6. Change Workspace from 45,000 to 100,000 based on updated data and inclusion of POM Annex.

7. Change Percent Permanent Facilities from 56.31 to 73.51 based on updated facilities data.

8. Change Barracks from 2277 to 2347 based on updated data.

9. Change number of Archaeological sites to 112 to correct discrepancy between data call #1 and #3.

10. Change Portable Water Capacity to 5.85 MGD to correct discrepancy between data call #1 and #3.

**BRAC 95 Data Call #2 -- Undergraduate Pilot Training
Input received from Fort Rucker
as of 31 August 94**

Verify the following Military Value questions in the Undergraduate Pilot Training Data Call:

Page 14, Question 2 - Provide the official planning factor.

Answer - The official planning factor for percent of sorties lost due to weather (based on historic data) is .25 flight hours per training flight period.

Page 86, Question 23 - States no specific terrain features necessary for flight training. Verify that this is true -- not necessary for NAP of the earth training?

Answer - While there are no specific terrain requirements, the following significantly facilitate UPT at Fort Rucker. A training area lacking one or more would require close evaluation as to suitability:

- a. Rolling and vegetated terrain with significant terrain relief for teaching tactical navigation.
- b. Large geographic area permitting helicopter operations at tactical flight altitudes.
- c. Sufficient number of remote training sites within this area for confined area operations, NOE operations, LZ/PZ operations and navigational training (Fort Rucker currently has 100 leased remote training sites).
- d. Reasonable access to an IFR training area capable of handling training traffic density.
- e. Climate that permits training at a reasonably low density altitude year-round. Although there is no specific Density Altitude (DA) requirement, helicopter auto rotational performance degrades as the Density Altitude increases. Auto rotational training is hazardous at high DAs.
- f. Stage field complexes with sufficient number of lanes (based on student throughput) within reasonable flight distance (based on TH-67 flight endurance of base fields).

Note: Lake Tholocco, which covers approximately 650 acres, can be used for limited overwater access for training. It is currently being used for CAPEX, Airborne, Waterborne and Helocase Operations, and Pathfinder FTX's.

Airfields:

Page 19, Question 2 - Verify that all airfields facilities are permanent/adequate.

Answer - All Airfield facilities are permanent/adequate, however, some roads and parking facilities are not - these are annotated on original report and correct as stated.

Encroachment:

Page 187, Question 5 a-c - Provide the current percentage of off post land used.

Answer - Data provided in original document is correct as stated, however, the column headers are offset making them hard to read.

Quality of Life:

Question - Provide the number of BEQ/BOQ rooms which are permanent/adequate.

Answer - Total permanent/adequate BEQ rooms are 40. There are no substandard nor inadequate/temporary BEQ rooms. Total permanent/adequate BOQ rooms are 732. There are no substandard BOQ rooms and there are 22 inadequate/temporary BOQ rooms (Wood Cabins).

Page 246, Question 4c - Verify there is no waiting list for the Fort Rucker Daycare Center.

Answer: Correct as stated in original document. There is no waiting list.

**BRAC 95 Reconciliation Between Data Call #1 and #3
Discrepancies Identified by TABS
as of 31 August 94**

| <u>Installation</u> | <u>Attribute</u> | <u>DC#1</u> | <u>DC#3</u> | <u>CORRECT</u> |
|---------------------|--------------------|-------------|-------------|----------------|
| Fort Benning | Landfill Costs/Ton | \$30.00 | \$2.74 | \$30.00 |

Action: Update DC#3 Para 4.C.(4) to reflect \$30.00/Ton. Suspect combination of old data and misplaced decimal point.

| | | | | |
|------------|------------------------|-------|----------|----------|
| Fort Bliss | Potable Water Capacity | 8 MGD | 13.0 MGD | 13.0 MGD |
|------------|------------------------|-------|----------|----------|

Action: Update DC#1 to 13.0 MGD. Fort bliss has reduced significantly its purchases of commercial water, and submitted a change to Para 4.A.(2) and Para 4.A.(4) of DC#3, the max capacity is still 13.0 MGD based on pumping capacity.

| | | | | |
|--------------|--------------------|---------|---------|---------|
| Carlisle Bks | Landfill Costs/Ton | \$41.69 | \$85.00 | \$85.00 |
|--------------|--------------------|---------|---------|---------|

Action: Update DC#1 to \$85.00/Ton. DC#1 only reflected tipping fees, did not include hauling.

| | | | | |
|--------------|--------------------|---|---------|---|
| Fort Chaffee | Landfill Costs/Ton | 0 | \$65.42 | 0 |
|--------------|--------------------|---|---------|---|

Action: Update DC#3 Para 4.C.(4) to read, "Contract cost of \$65.42 per Ton is offset by agreement with city for use of 400 acre Post landfill. Contractor manages landfill, and provides Installation free hauling and tipping for 20 year life of the facility. Net cost is 0."

| | | | | |
|-------------|--------------------|----|----|----|
| Fort Eustis | Contaminated Sites | 22 | 22 | 22 |
|-------------|--------------------|----|----|----|

Data Call #1 reported 22 active sites. Data call #3 reported 37 total sites of which 22 are active.

Action: Reword DC#3 for both Eustis and Story to read "16 active (10 inactive)" and "6 active (5 inactive)" respectively.

| | | | | |
|-------------|------------------------|-------|----------|----------|
| Fort Eustis | Potable Water Capacity | 4 MGD | 9.94 MGD | 9.94 MGD |
|-------------|------------------------|-------|----------|----------|

Action: Update DC#1 to 9.94 MGD. Installation misunderstood attribute.

| | | | | |
|-------------|--------------------|---------|---------|---------|
| Fort Eustis | Landfill Costs/Ton | \$42.00 | \$43.88 | \$43.88 |
|-------------|--------------------|---------|---------|---------|

Action: Update DC#1 to \$43.88/Ton. More accurate value in DC#3.

**BRAC 95 Reconciliation Between Data Call #1 and #3
Discrepancies Identified by TABS
as of 31 August 94**

| <u>Installation</u> | <u>Attribute</u> | <u>DC#1</u> | <u>DC#3</u> | <u>CORRECT</u> |
|---------------------|------------------------|-------------|-------------|----------------|
| Fort Gordon | Potable Water Capacity | 10 MGD | 5.91 MGD | 10 MGD |

Action: Update DC#3 to reflect a total of 10 MGD. Add to Para 4.A.(4) an additional 4.1 MGD available from commercial sources. Total from ground (.5), Surface (5.4), and commercial (4.1) is 10 MGD.

| | | | | |
|---------------|------------------------|-------|----------|-------|
| Fort Huachuca | Potable Water Capacity | 6 MGD | 8.17 MGD | 6 MGD |
|---------------|------------------------|-------|----------|-------|

Action: Update DC#3 Para 4.a.(1) by adding "Total capacity is limited by storage capability to 6 MGD."

| | | | | |
|---------------|----------------|-------|----------|----------|
| Fort Huachuca | Sewer Capacity | 4 MGD | 1.69 MGD | 3.85 MGD |
|---------------|----------------|-------|----------|----------|

Action: Update DC#1 to 3.85 MGD. Update DC#3 Para 4.b.(1) to reflect "Maximum design capacity 3.85 MGD on line summer 1995," and "Life expectancy indefinite with improvements to be completed summer 1995."

| | | | | |
|--------------|------------------------|-------|---------|----------|
| Fort Jackson | Potable Water Capacity | 9 MGD | 7.0 MGD | 9.35 MGD |
|--------------|------------------------|-------|---------|----------|

Action: Update DC#1 to 9.35 MGD, update DC#3 Para 4.A.(3) to reflect design capacity of 9.35 MGD. Installation did not answer DC#3 fully.

| | | | | |
|--------------|----------------|-------|---------|---------|
| Fort Jackson | Sewer Capacity | 9 MGD | 4.9 MGD | 9.2 MGD |
|--------------|----------------|-------|---------|---------|

Action: Update DC#1 to 9.2 MGD, update DC#3 Para 4.B.(3) to reflect design capacity of 9.2 MGD. Installation did not answer DC#3 fully.

| | | | | |
|-----------|----------|-----|-----|-----|
| Fort Knox | Wetlands | 900 | 900 | 900 |
|-----------|----------|-----|-----|-----|

Data Call #1 was updated to Data Call #3 during HQDA D-PAD Run review. Verified value is 900.

Action: No further action is required.

| | | | | |
|-----------|------------------------|--------|----------|----------|
| Fort Knox | Potable Water Capacity | 14 MGD | 10.5 MGD | 10.5 MGD |
|-----------|------------------------|--------|----------|----------|

Action: Update DC#1 to 10.5 MGD. 14 MGD included storage, and did not represent steady state capacity.

| | | | | |
|-----------|--------------------|------|---------|---------|
| Fort Knox | Landfill Costs/Ton | \$10 | \$24.80 | \$24.80 |
|-----------|--------------------|------|---------|---------|

Action: Update DC#1 to \$24.80/Ton. DC#1 was incorrect.

**BRAC 95 Reconciliation Between Data Call #1 and #3
Discrepancies Identified by TABS
as of 31 August 94**

| <u>Installation</u> | <u>Attribute</u> | <u>DC#1</u> | <u>DC#3</u> | <u>CORRECT</u> |
|---------------------|----------------------|-------------|-------------|----------------|
| Ft Leavenworth | Archaeological Sites | 315 | 314 | 315 |

Data Call #3 wording is misleading. Potential archaeological sites are identified as 45 (1 listed). 45 potential + 1 listed = 46. Total is 46 sites + 269 buildings = 315 sites and buildings.

Action: Reword DC#3 Para 3.d.(2) to read, "45 potential sites, 1 on register, total 46."

| | | | | |
|----------------|------------------------|----------|---------|----------|
| Ft Leavenworth | Potable Water Capacity | 5.58 MGD | 7.3 MGD | 5.58 MGD |
|----------------|------------------------|----------|---------|----------|

Action: Update DC#3 Para 4.A.(2) to reflect 5.58 MGD maximum delivery capacity. Delivery capacity is less than pumping capacity of 7.3 MGD.

| | | | | |
|----------------|----------------|-----------|-----------|-----------|
| Ft Leavenworth | Sewer Capacity | 2.175 MGD | 5.447 MGD | 5.447 MGD |
|----------------|----------------|-----------|-----------|-----------|

Action: Update DC#1 to 5.447 MGD. This represents peak capacity under current contract. Original DC#1 value represented average under current contract.

| | | | | |
|----------|------------------------|-------|---------|---------|
| Fort Lee | Potable Water Capacity | 1 MGD | 6.0 MGD | 6.0 MGD |
|----------|------------------------|-------|---------|---------|

Action: Update DC#1 to 6.0 MGD. Installation incorrectly reported usage vice capacity in DC#1.

| | | | | |
|----------|----------------|-------|---------|---------|
| Fort Lee | Sewer Capacity | 1 MGD | 2.5 MGD | 2.5 MGD |
|----------|----------------|-------|---------|---------|

Action: Update DC#1 to 2.5 MGD. Installation incorrectly reported usage vice capacity in DC#1.

| | | | | |
|----------------|------------------------|-------|----------|--------|
| Fort McClellan | Potable Water Capacity | 4 MGD | 3.55 MGD | 15 MGD |
|----------------|------------------------|-------|----------|--------|

Action: Update DC#1 to 15 MGD. Update DC#3 Para 4.A.(4) to reflect Maximum Capacity of 15 MGD. Although TABS did not identify a data inconsistency for Fort McClellan, request updated information from their commercial water supplier be included in this update.

**BRAC 95 Reconciliation Between Data Call #1 and #3
Discrepancies Identified by TABS
as of 31 August 94**

| <u>Installation</u> | <u>Attribute</u> | <u>DC#1</u> | <u>DC#3</u> | <u>CORRECT</u> |
|---------------------|--------------------|-------------|-------------|----------------|
| Fort Monroe | Contaminated Sites | 0 | 1 | Both |

Data Call #1 asked for active IRP and NPL sites of which Fort Monroe has none. Data Call #3 asked for DERA eligible sites, and Fort Monroe has an ongoing DERA funded UXO survey, but no active remediation sites.

Action: No action is required.

| | | | | |
|-------------|----------------|----------|--------|----------|
| Fort Monroe | Sewer Capacity | 4.71 MGD | .4 MGD | 4.71 MGD |
|-------------|----------------|----------|--------|----------|

Action: Update DC#3 Para 4.B.(1) changing Maximum Design Capacity to 4.71 MGD. Also change Para 4.b.(3) to reflect maximum capacity of 4.71 MGD.

| | | | | |
|-------------|--------------------|---|---------|---------|
| Fort Monroe | Landfill Costs/Ton | 0 | \$49.98 | \$30.00 |
|-------------|--------------------|---|---------|---------|

Action: Update both DC#1 and DC#3 to \$30.00 per ton. Fort Monroe has recently renegotiated their contract.

| | | | | |
|-----|----------------------|-----|-----|-----|
| POM | Archaeological Sites | 112 | 112 | 112 |
|-----|----------------------|-----|-----|-----|

Data Call #1 was updated to Data Call #3 during HQDA D-Pad Run review. Verified value is 112.

Action: No further action is required.

| | | | | |
|-----|------------------------|-------|----------|----------|
| POM | Potable Water Capacity | 0 MGD | 5.85 MGD | 5.85 MGD |
|-----|------------------------|-------|----------|----------|

Action: Update DC#1 to 5.85 MGD. Installation misunderstood DC#1 attribute definition.

| | | | | |
|-------------|----------------------|---|---|---|
| Fort Rucker | Archaeological Sites | 7 | 7 | 7 |
|-------------|----------------------|---|---|---|

Our records indicate 7 was submitted for both Data Calls.

Action: Per telecon with TABS, DC#1 and DC#3 agree. No further action is required.

BRAC 95 Data Call #3
Installation Environmental Baseline Survey
Fort Bliss

Request the Fort Bliss Environmental Baseline Survey be changed as follows:

Add to paragraph 4a(1): We anticipate that by 1 October 94, purchased water will reflect only 3.9 percent of the total water consumed by the installation and 96.1 percent of the supply will be obtained directly from installation wells. The percentage from wells versus from surface water overall will be 98.05 percent versus 1.95 percent from March to October, and 100 percent versus 0 percent from November to February of each year.

Add to paragraph 4(4): Once the conversion to installation water is complete, only 3.9 percent will be purchased. We estimate 72,891 gallons will be purchased in FY94 at an approximate cost of \$89,133 (includes 1994 rate change).



DEPARTMENT OF THE ARMY
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK 10996

REPLY TO
ATTENTION OF

MARM-MS (5)

27 MAY 1994

MEMORANDUM FOR DIRECTOR, THE ARMY BASING STUDY, COL MICHAEL G.
JONES, DACS-TABS, WASHINGTON, DC 20310-0101

SUBJECT: BRAC 95 Installation Assessment (IA) Program - BRAC Data Call #1

1. Reference: Memorandum, The Army Basing Study, dtd 26 April 1994, subject: SAB
2. Enclosed is the Installation Assessment Program Data for The United States Military Academy at West Point, New York (data call #1). The information contained in this report is accurate and complete to the best of my knowledge and belief.
3. Point of contact for this action is Mr. David Madison, DRM-MSD, (914) 938-4277, DSN 688-4277.

Encl

A handwritten signature in black ink, appearing to read "Michael P. Peters".

MICHAEL P. PETERS
COL, GS
Chief of Staff

CLOSE HOLD

| LAND AND FACILITIES | | | | |
|-------------------------------------|---------------|------|-------|---------|
| DATA ELEMENT | USMA | STAS | FT C | FT D |
| ON POST FAMILY DWELLING UNITS (EA) | 956 | 590 | | |
| UOPH (EA) | 81 | | | |
| UEPH (EA) | 326 | | | |
| WORK SPACE | 1,084 | | | |
| STUDENT CAPACITY (ROOMS/STUDENTS) | 2095/ 4368 | | | |
| | | | | |
| % PERMANENT FACILITIES | 94% | | | |
| AVERAGE AGE OF FACILITIES (YEARS) | 44.54 | | | |
| SEWAGE TREATMENT CAPACITY (MGD) | 2.06 | .5 | 2.56 | |
| WATER SUPPLY CAPACITY (MGD) | 6 | .6 | 6.6 | |
| ELECTRICAL CAPACITY (MKWHR) | 32,000K VA | | | |
| SOLID WASTE LANDFILL COSTS (\$/TON) | 38 | 60 | 4.98 | |
| | | | | |
| ENDANGERED SPECIES | 1 | | | |
| TOTAL INSTALLATION ACRES | 16,080 | 403 | 16483 | |
| WETLANDS ACRES | 1,000 | .062 | 1891 | .06 067 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

$\frac{2.9}{16000} = .00018125$

CLOSE HOLD

| CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS | | | | |
|---|-----------------------------------|---------------------|------|------|
| DATA ELEMENT | USMA | STAS | FT C | FT D |
| MOBILIZATION BILLETS | 77 | | | |
| BUILDABLE ACRES | 0 | | | |
| ENCROACHMENT (POPULATION DENSITY) | 372.45 | | | |
| COST AND MANPOWER | | | | |
| DATA ELEMENT | USMA | STAS | FT C | FT D |
| COST OF LIVING INDEX | 208.7 | | | |
| ARMY FAMILY HOUSING COST (\$ PER DU) | 7944.66 | | | |
| E-5 VHA WITH DEPENDENTS | 259.35 | | | |
| W-3 VHA WITH DEPENDENTS | 496.80 | | | |
| O-3 VHA WITH DEPENDENTS | 451.69 | | | |
| LOCALITY PAY FACTOR | 1.08 | | | |
| BASE SUPPORT COSTS (TOTAL) (\$) | 66,100 557 11951 | 56251005 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| MILITARY CONSTRUCTION COST FACTOR | 1.230 | | | |
| | | | | |

Document Separator

PROVING GROUNDS
INCLUDES AAA CHANGES

| | | APG | DPG | WHITE SANDS | YPG |
|----------------------|---------|-----------|------------|-------------|-----------|
| | WEIGHT | | | | |
| T&E MSN DIVERSITY | 200 | 21+ | 15-- | 23++ | 20 |
| T&E RANGES | 100 | 5+ | 1-- | 5+ | 4 |
| T&E FACILITIES | 150 | 6+ | 0-- | 8++ | 1- |
| MISSION REQUIREMENTS | --- 450 | 8.1 | 0.0 | 10.0 | 5.1 |
| FACILITIES AVG AGE | 75 | 35.00 | 33.00 | 35.00 | 22.00+ |
| INFRASTRUCTURE | 50 | 8.7+ | 2.6 | 7.6 | 2.9 |
| % PERM FACILITIES | 75 | 88% | 95% | 79%- | 96%+ |
| ENVIRONMENTAL CAP | 25 | 2.6 | 9.8 | 7.4 | 8.0 |
| LAND AND FACILITIES | --- 225 | 4.0 | 4.7 | 2.6 | 7.6 |
| BUILDABLE ACRES | 25 | 1,150 | 10,000 | 270,895 | 229,071 |
| ENCROACHMENT | 65 | 931.1- | 3.9 | 38.3 | 20.8 |
| AVAILABLE WORKFORCE | 25 | 1,125,762 | 11,883 | 55,824 | 41,006 |
| IMA | 10 | 1,415 | 950 | 1,250 | 1,315 |
| FUTURE REQUIREMENTS | --- 125 | 2.8 | 5.3 | 7.6 | 7.5 |
| MCA COST FACTOR | 50 | 0.92+ | 0.97 | 1.06 | 1.11- |
| BASOPS/MSN POP | 100 | 13,058.58 | 25,844.16- | 13,918.24 | 16,819.82 |
| COST OF LIVING INDEX | 50 | 105.90- | 98.00 | 100.50 | 98.80 |
| COST AND MANPOWER | --- 200 | 5.0 | 4.3 | 4.7 | 4.0 |
| | === | | | | |
| SCORE | 1000 | 5.9 | 2.6 | 7.0 | 5.7 |
| RANK | | 2 | 4 | 1 | 3 |

SUB-MODEL FOR PG

| | WEIGHT | APG | DPG | WSMR | YPG |
|----------------------|--------|-----------|-----------|--------------|------------|
| ARCH/HIST BLDGS | 10 | 0 | 0 | 0 | 0 |
| ENDGRD FAUNA/FLORA | 15 | 2 | 0 | 3 | 1 |
| WETLANDS | 15 | 0- | 0 | 0 | 0 |
| AIR QUALITY | 15 | 10- | 1 | 1 | 1 |
| WATER QUALITY | 15 | 13- | 0 | 0 | 0 |
| NOISE QUAL- ZONE II | 10 | 50000 | 0 | 0 | 275 |
| NOISE QUAL- ZONE III | 15 | 0 | 0 | 0 | 20- |
| CONTAMINATED SITES | 5 | 305 | 171 | 75 | 42 |
| ENV CAR CAPACITY --- | 100 | 2.6 | 9.8 | 7.4 | 8.0 |
| | | | | | |
| CAPACITY WATER | 25 | 8 | 4- | 9+ | 6 |
| CAPACITY SEWAGE | 25 | 6+ | 1 | 1 | 1 |
| CAPACITY ELECT | 25 | 2054 | 3856 | 4348+ | 298- |
| LANDFILL COST | 25 | \$0 | \$23- | \$1 | \$9 |
| INFRASTRUCTURE --- | 100 | 8.1 | 2.3 | 7.6 | 2.7 |
| | | | | | |
| # OF RANGES | 50 | 62++ | 20- | 14-- | 45 |
| SIZE OF RANGES | 50 | 63000- | 142126- | 2353208++ | 587819 |
| T&E RANGES --- | 100 | 5.0 | 0.8 | 5.0 | 4.4 |
| | | | | | |
| SQ FEET | 50 | 2579000++ | 170000-- | 1579000 | 538000- |
| EQUIPMENT COST | 50 | 200000000 | 58500000- | 1042339968++ | 152083008- |
| T&E FACILITIES --- | 100 | 5.7 | 0.0 | 7.9 | 1.2 |
| | | | | | |
| SCORE | 400 | 5.4 | 3.2 | 7.0 | 4.1 |
| | | | | | |
| RANK | | 2 | 4 | 1 | 3 |

CLOSE HOLD

L
15 6.6

PROVING GROUND

INSTALLATION = ABERDEEN PROVING GROUNDS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|---------------------------------------|---------------|
| TEST AND EVALUATION MISSION DIVERSITY | 21 |
| TEST AND EVALUATION RANGES | |
| NUMBER OF RANGES | 62 |
| SIZE OF RANGES | 63000 ACRES |
| TEST AND EVALUATION FACILITIES | |
| FACILITIES | 2579K SQ FT |
| EQUIPMENT | \$200 MILLION |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 88 % |
| AVERAGE AGE OF FACILITIES | 35 YRS |

INFRASTRUCTURE

| | |
|----------------------------|------------|
| WATER SUPPLY CAPACITY | 8.00 MGD |
| SEWAGE TREATMENT CAPACITY | 5.80 MGD |
| ELECTRICAL CAPACITY | 2054 |
| SOLID WASTE LANDFILL COSTS | \$0.00/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|-------------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .0155 |
| ENDANGERED SPECIES | 2 |
| WETLANDS FACTOR | .1709 |
| AIR QUALITY | 10 |
| WATER QUALITY | 13 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 50000 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 69 |
| CONTAMINATED SITE NPL | 281 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|-----------------|------------------|
| BUILDABLE ACRES | 1150 ACRES |
| ENCROACHMENT | 413.46 POP/SQ MI |

CLOSE HOLD

CLOSE HOLD

INFORMATION MISSION AREA

1415 PTS

TELEPHONE SWITCHING
OUTSIDE CABLE PLANT
COMMON USER SUPPORT
DSN/DDN NODE
POST WIDE WAN/LAN
TCC
VTC

450 PTS
220 PTS
450 PT
75 PTS
75 PTS
100 PTS
45 PTS

AVAILABLE WORKFORCE

DA WILL PROVIDE

COST AND MANPOWER

COST OF LIVING INDEX

\$478.15

MCA COST FACTOR

0.92

BASOPS/MISSION POPULATION

BASOPS *

\$221800000

MISSION POPULATION

DA WILL PROVIDE 16,985

$\therefore = 13,058.58/\text{yr per person}$

* UNABLE TO PROVIDE BASOPS COSTS BY PAYROLL/NON PAYROLL
BASOPS INCLUDES \$50M DERA & \$9M MPA FUNDS

13.05
32,000
99,500

CLOSE HOLD

PROVING GROUND

INSTALLATION = DUGWAY PROVING GROUNDS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|---------------------------------------|----------------|
| TEST AND EVALUATION MISSION DIVERSITY | 15 |
| TEST AND EVALUATION RANGES | |
| NUMBER OF RANGES | 20 |
| SIZE OF RANGES | 142126 ACRES ? |
| TEST AND EVALUATION FACILITIES | |
| FACILITIES | 170K SQ FT |
| EQUIPMENT | \$58.5 MILLION |

LAND AND FACILITIES

| | |
|------------------------------|-------------|
| PERCENT PERMANENT FACILITIES | 95 % |
| AVERAGE AGE OF FACILITIES | 33 YRS |
| INFRASTRUCTURE | |
| WATER SUPPLY CAPACITY | 3.50 MGD |
| SEWAGE TREATMENT CAPACITY | 0.70 MGD |
| ELECTRICAL CAPACITY | 3856 |
| SOLID WASTE LANDFILL COSTS | \$22.80/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .000002 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | .0001 |
| AIR QUALITY | 1 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 71 |
| CONTAMINATED SITE NPL | 100 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|-----------------|----------------|
| BUILDABLE ACRES | 10000 ACRES |
| ENCROACHMENT | 3.83 POP/SQ MI |

CLOSE HOLD

INFORMATION MISSION AREA

950 PTS

TELEPHONE SWITCHING
OUTSIDE CABLE PLANT
COMMON USER SUPPORT
DSN/DDN NODE
POST WIDE WAN/LAN
TCC
VTC

300 PTS
140 PTS
285 PTS
50 PTS
75 PTS
55 PTS
45 PTS

AVAILABLE WORKFORCE

DA WILL PROVIDE

COST AND MANPOWER

COST OF LIVING INDEX

\$48.87

MCA COST FACTOR

0.97

BASOPS/MISSION POPULATION

BASOPS *

\$39800000

MISSION POPULATION

DA WILL PROVIDE 1540

∴ 25,844.16

* UNABLE TO PROVIDE BASOPS COSTS BY PAYROLL/NON PAYROLL

CLOSE HOLD

PROVING GROUND

INSTALLATION = WHITE SANDS MISSILE RANGE

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|---------------------------------------|--------------------|
| TEST AND EVALUATION MISSION DIVERSITY | 23 |
| TEST AND EVALUATION RANGES | |
| NUMBER OF RANGES | 14 |
| SIZE OF RANGES | 2353208 ACRES |
| TEST AND EVALUATION FACILITIES | |
| FACILITIES | 1579K SQ FT |
| EQUIPMENT | \$1042.34 MILLIONS |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 77 % |
| AVERAGE AGE OF FACILITIES | 34 YRS |

INFRASTRUCTURE

| | |
|----------------------------|------------|
| WATER SUPPLY CAPACITY | 5.50 MGD |
| SEWAGE TREATMENT CAPACITY | 1.00 MGD |
| ELECTRICAL CAPACITY | 1050 |
| SOLID WASTE LANDFILL COSTS | \$1.16/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .04 |
| ENDANGERED SPECIES | 3 |
| WETLANDS FACTOR | .0005 |
| AIR QUALITY | 1 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 70 |
| CONTAMINATED SITE NPL | 5 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|-----------------|-----------------|
| BUILDABLE ACRES | 260480 ACRES |
| ENCROACHMENT | 35.59 POP/SQ MI |

CLOSE HOLD

INFORMATION MISSION AREA

1325 PTS

TELEPHONE SWITCHING
OUTSIDE CABLE PLANT
COMMON USER SUPPORT
DSN/DDN NODE
POST WIDE WAN/LAN
TCC
VTC

450 PTS
140 PTS
420 PTS
50 PTS
120 PTS
100 PTS
45 PTS

AVAILABLE WORKFORCE

DA WILL PROVIDE

COST AND MANPOWER

COST OF LIVING INDEX

\$251.16

MCA COST FACTOR

1.06

BASOPS/MISSION POPULATION

BASOPS *

\$88965400

MISSION POPULATION

DA WILL PROVIDE 6392

∴ 13,918.24/
P/Yr

* UNABLE TO PROVIDE BASOPS COSTS BY PAYROLL/NON PAYROLL

CLOSE HOLD

PROVING GROUND

INSTALLATION = YUMA PROVING GROUNDS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|---------------------------------------|--------------|
| TEST AND EVALUATION MISSION DIVERSITY | 20 |
| TEST AND EVALUATION RANGES | |
| NUMBER OF RANGES | 45 |
| SIZE OF RANGES | 587819 ACRES |
| TEST AND EVALUATION FACILITIES | |
| FACILITIES | 538K SQ FT |
| EQUIPMENT | \$152083 |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 96 % |
| AVERAGE AGE OF FACILITIES | 22 YRS |

INFRASTRUCTURE

| | |
|----------------------------|------------|
| WATER SUPPLY CAPACITY | 5.95 MGD |
| SEWAGE TREATMENT CAPACITY | 0.50 MGD |
| ELECTRICAL CAPACITY | 298 |
| SOLID WASTE LANDFILL COSTS | \$8.74/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|-----------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | 0 |
| ENDANGERED SPECIES | 1 |
| WETLANDS FACTOR | 0 |
| AIR QUALITY | 1 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 275 ACRES |
| AICUZ ZONE III OFF POST | 20 ACRES |
| CONTAMINATED SITE IRP | 42 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|-----------------|-----------------|
| BUILDABLE ACRES | 229071 ACRES |
| ENCROACHMENT | 19.38 POP/SQ MI |

CLOSE HOLD

| | |
|---------------------------|----------------------|
| INFORMATION MISSION AREA | 1315 PTS |
| TELEPHONE SWITCHING | 500 PTS |
| OUTSIDE CABLE PLANT | 220 PTS |
| COMMON USER SUPPORT | 405 PTS |
| DSN/DDN NODE | 25 PTS |
| POST WIDE WAN/LAN | 45 PTS |
| TCC | 75 PTS |
| VTC | 45 PTS |
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| COST AND MANPOWER | |
| COST OF LIVING INDEX | \$442.39/MON |
| MCA COST FACTOR | 1.11 |
| BASOPS/MISSION POPULATION | |
| BASOPS * | \$34295609 |
| MISSION POPULATION | DA WILL PROVIDE 2039 |

16,819.82/yr/p

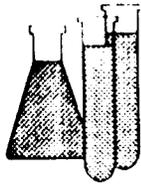
* UNABLE TO PROVIDE BASOPS COSTS BY PAYROLL/NON PAYROLL

CLOSE HOLD

Document Separator



COMMODITY



OPERATIONAL BLUEPRINT

- CONSOLIDATE SINGLE PURPOSE INSTALLATIONS
- RETAIN INSTALLATIONS WHICH SUPPORT INTEGRATED LIFE-CYCLE MANAGEMENT
- RETAIN UNIQUE AND SPECIALIZED MEDICAL RESEARCH FACILITIES (FT DETRICK)

INSTALLATION ASSESSMENT

1. (7.1) REDSTONE
2. (6.4) PICATINNY*
3. (5.0) DETROIT
4. (4.7) ROCK ISLAND
5. (4.6) FT MONMOUTH
6. (3.6) ADELPHI
7. (3.5) FT DETRICK
8. (2.7) COLD REGION
9. (2.7) NATICK RDEC

MILITARY VALUE ASSESSMENT

REDSTONE
DETROIT
ROCK ISLAND
FT MONMOUTH
ADELPHI
FT DETRICK

PICATINNY*
COLD REGION
NATICK RDEC

STUDY CANDIDATES



COMMODITY THIRD RUN W/ CORRECTIONS

| | | ADELPHI | Detroit Arsenal | Fort Detrick | Fort Monmouth |
|----------------------|---------|------------|--------------------|-----------------|------------------|
| | WEIGHT | | | | |
| AVAILABLE WORKFORCE | 50 | 2,434,076+ | 1,964,134 | 2,434,076+ | 453,659 |
| OPS/ADMIN FACILITIES | 200 | 220,000-- | 896,000 | 232,927-- | 1,263,509+ |
| R&D FACILITIES | 200 | 685,000 | 533,000 | 468,308- | 729,000 |
| MISSION REQUIREMENTS | --- 450 | 3.6 | 4.7 | 2.9 | 5.7 |
| FACILITIES AVG AGE | 75 | 19+ | 19+ | 28 | 44- |
| INFRASTRUCTURE | 50 | 4 | 7 | 2 | 3 |
| ? PERMANENT FAC | 75 | 98% | 97% | 80%- | 90% |
| ENVIRONMENTAL CAP | 25 | 8 | 9 | 9 | 8 |
| LAND AND FACILITIES | --- 225 | 7.7 | 8.6 | 3.7 | 3.6 |
| BUILDABLE ACRES | 90 | 223 | 204 | 300 | 281 |
| IMA | 35 | 775 | 905 | 1,600 | 1,425 |
| FUTURE REQUIREMENTS | --- 125 | 0.9 | 1.2 | 3.3 | 2.8 |
| COL INDEX | 50 | 135 | 117 | 135 | 120 |
| MCA Cost Factor | 50 | 1.03 | 1.22 | 0.83 | 1.19 |
| BASOPS/MSN POP | 100 | 25,032- | 10,345 | 9,199+ | 8,800+ |
| COST AND MANPOWER | --- 200 | 1.2 | 4.1 | 4.8 | 4.4 |
| | === | | | | |
| SCORE | 1000 | 3.7 | 5.0 | 3.5 | 4.6 |
| RANK | | 6 | 3 | 7 | 5 |

COMMODITY THIRD RUN W/ CORRECTIONS

| | WEIGHT | Natick RDEC | Picatinny Arsenal | Redstone Arsenal | Rock Island |
|----------------------|--------|----------------|----------------------|---------------------|----------------|
| AVAILABLE WORKFORCE | 50 | 2,839,612+ | 918,456 | 151,956 | 172,891 |
| OPS/ADMIN FACILITIES | 200 | 140,000-- | 1,225,000+ | 1,719,000++ | 1,693,000++ |
| R&D FACILITIES | 200 | 517,000- | 1,338,000++ | 1,367,000++ | 26,000-- |
| MISSION REQUIREMENTS | 450 | 3.0 | 7.8 | 8.9 | 4.4 |
| FACILITIES AVG AGE | 75 | 36 | 48- | 36 | 50 |
| INFRASTRUCTURE | 50 | 2 | 1 | 9+ | 4 |
| % PERMANENT FAC | 75 | 98% | 99% | 87% | 100% |
| ENVIRONMENTAL CAP | 25 | 9 | 7 | 6 | 9 |
| LAND AND FACILITIES | 225 | 5.8 | 3.8 | 4.8 | 5.2 |
| BUILDABLE ACRES | 90 | 35- | 4,034++ | 3,300+ | 418 |
| IMA | 35 | 600 | 1,565 | 845 | 1,405 |
| FUTURE REQUIREMENTS | 125 | 0.0 | 9.9 | 6.6 | 3.0 |
| COL INDEX | 50 | 135 | 119 | 99 | 98 |
| MCA Cost Factor | 50 | 1.27 | 1.29 | 0.78 | 1.11 |
| BASOPS/MSN POP | 100 | 28,294- | 9,901 | 6,266+ | 3,619+ |
| COST AND MANPOWER | 200 | 0.1 | 4.0 | 6.1 | 6.0 |
| SCORE | 1000 | 2.7 | 6.4 | 7.1 | 4.7 |
| RANK | | 8 | 2 | 1 | 4 |

COMMODITY THIRD RUN W/ CORRECTIONS

| | WEIGHT | COLD REGION R&E LAB |
|----------------------|-------------|------------------------|
| AVAILABLE WORKFORCE | 50 | 38,736- |
| OPS/ADMIN FACILITIES | 200 | 59,000-- |
| R&D FACILITIES | 200 | 307,000- |
| MISSION REQUIREMENTS | --- 450 | 0.9 |
| FACILITIES AVG AGE | 75 | 16+ |
| INFRASTRUCTURE | 50 | 5 |
| % PERMANENT FAC | 75 | 100%+ |
| ENVIRONMENTAL CAP | 25 | 9 |
| LAND AND FACILITIES | --- 225 | 8.8 |
| BUILDABLE ACRES | 90 | 9- |
| IMA | 35 | 1,015 |
| FUTURE REQUIREMENTS | --- 125 | 1.2 |
| COL INDEX | 50 | 114 |
| MCA Cost Factor | 50 | 1.06 |
| BASOPS/MSN POP | 100 | 28,478- |
| COST AND MANPOWER | - - 200 | 0.8 |
| SCORE | === 1000 | 2.7 |
| RANK | | 8 |

COMMODITY SUB-MODEL THIRD RUN W/ CORRECTIONS

| | WEIGHT | ADELPHI | DETROIT | DETRICK | MONMOUTH |
|---------------------|--------|---------|---------|---------|----------|
| ARCH/HIST BLDGS | 10 | 0 | 0 | 0 | 0 |
| ENDGRD FAUNA/FLORA | 15 | 1 | 0 | 0 | 0 |
| WETLANDS | 15 | 1-- | 0+ | 0 | 0 |
| AIR QUALITY | 15 | 1+ | 10 | 10 | 10 |
| WATER QUALITY | 15 | 0+ | 0+ | 0+ | 0+ |
| NOISE QUAL-ZONE II | 10 | 0 | 0 | 0 | 0 |
| NOISE QUAL-ZONE III | 15 | 0 | 0 | 0 | 0 |
| CONTAMINATED SITES | 5 | 39 | 1 | 2 | 0 |
| ENV CAR CAPACITY | 100 | 7.9 | 8.8 | 8.9 | 7.8 |
| CAPACITY WATER | 25 | 4 | 11++ | 1- | 5 |
| CAPACITY SEWAGE | 25 | 5 | 8+ | 1- | 0-- |
| CAPACITY ELECT | 25 | 30 | 0 | 254 | 125 |
| LANDFILL COST | 25 | \$46 | \$19+ | \$54 | \$69 |
| INFRASTRUCTURE | 100 | 3.9 | 6.6 | 2.2 | 2.8 |
| SCORE: | 200 | 5.9 | 7.7 | 5.6 | 5.3 |
| RANK | | 5 | 1 | 6 | 8 |

COMMODITY SUB-MODEL THIRD RUN W/ CORRECTIONS

| | | NATICK | PICATINNY | REDSTONE | ROCK ISLAND |
|---------------------|---------|--------|-----------|----------|-------------|
| | WEIGHT | | | | |
| ARCH/HIST BLDGS | 10 | 0 | 0 | 0 | 0- |
| ENDGRD FAUNA/FLORA | 15 | 0 | 0 | 3-- | 0 |
| WETLANDS | 15 | 0 | 0 | 0- | 0 |
| AIR QUALITY | 15 | 10 | 10 | 1+ | 1+ |
| WATER QUALITY | 15 | 0+ | 2-- | 2-- | 0+ |
| NOISE QUAL-ZONE II | 10 | 0 | 0 | 0 | 0 |
| NOISE QUAL-ZONE III | 15 | 0 | 0 | 0 | 0 |
| CONTAMINATED SITES | 5 | 13 | 157 | 289- | 31 |
| ENV CAR CAPACITY | --- 100 | 8.7 | 7.0 | 5.8 | 8.9 |
| CAPACITY WATER | 25 | 0- | 1- | 9++ | 3 |
| CAPACITY SEWAGE | 25 | 0- | 2- | 6+ | 4 |
| CAPACITY ELECT | 25 | 70 | 9375 | 120145++ | 0 |
| LANDFILL COST | 25 | \$19+ | \$188-- | \$1+ | \$49 |
| INFRASTRUCTURE | --- 100 | 2.3 | 0.8 | 8.6 | 3.6 |
| | === | | | | |
| SCORE | 200 | 5.5 | 3.9 | 7.2 | 6.2 |
| RANK | | 7 | 9 | 2 | 4 |

COMMODITY SUB-MODEL THIRD RUN W/ CORRECTIONS

| | WEIGHT | COLD REGION |
|----------------------|--------|-------------|
| ARCH/HIST BLDGS | 10 | 0 |
| ENDGRD FAUNA/FLORA | 15 | 0 |
| WETLANDS | 15 | 0+ |
| AIR QUALITY | 15 | 15- |
| WATER QUALITY | 15 | 0+ |
| NOISE QUAL.-ZONE II | 10 | 0 |
| NOISE QUAL.-ZONE III | 15 | 0 |
| CONTAMINATED SITES | 5 | 1 |
| ENV CAR CAPACITY | 100 | 8.5 |
| CAPACITY WATER | 25 | 2- |
| CAPACITY SEWAGE | 25 | 10++ |
| CAPACITY ELECT | 25 | 18 |
| LANDFILL COST | 25 | \$54 |
| INFRASTRUCTURE | 100 | 4.7 |
| SCORE | 200 | 6.6 |
| RANK | | 3 |

IIQDA PROVIDED ATTRIBUTES

| A | B | C | D | E | F | G | H | I | J |
|----|-----|-----------|------------|----------|--------------|------------|----------|--------|---------------|
| | VHA | COL INDE | LOCALITY P | MCA COST | ENCROACHMENT | WORK FORCE | AIRSPACE | \$0.00 | BASOPS FACTOR |
| 40 | | | | | | | | | |
| 41 | | 135.1 | | 1.03 | 1098.547 | 2434076 | | | |
| 42 | | 113.82(1) | | 1.06 | 44.002 | 38736 | | | \$25,031.61 |
| 43 | | 116.6 | | 1.22 | 962.184 | 1964134 | | | \$28,477.91 |
| 44 | | 135.1 | | 0.83 | 1098.547 | 2434076 | | | \$10,344.76 |
| 45 | | 120.12(1) | | 1.19 | 913.011 | 453659 | | | \$9,199.11 |
| 46 | | 135.3 | | 1.27 | 2321.114 | 2839612 | | | \$9,672.52 |
| 47 | | 119.3(1) | | 1.29 | 1563.507 | 918456 | | | \$28,293.73 |
| 48 | | 98.5 | | 0.78 | 381.453 | 151956 | | | \$9,900.82 |
| 49 | | 98.3 | | 1.11 | 207.284 | 172891 | | | \$6,266.33 |
| 50 | | | | | | | | | \$3,618.96 |
| 51 | | | | | | | | | \$0.00 |
| 52 | | | | | | | | | \$0.00 |
| 53 | | | | | | | | | \$0.00 |
| 54 | | | | | | | | | \$0.00 |
| 55 | | | | | | | | | \$0.00 |
| 56 | | | | | | | | | \$0.00 |
| 57 | | | | | | | | | \$0.00 |
| 58 | | | | | | | | | \$0.00 |
| 59 | | | | | | | | | \$0.00 |
| 60 | | | | | | | | | \$0.00 |
| 61 | | | | | | | | | \$0.00 |
| 62 | | | | | | | | | \$0.00 |
| 63 | | | | | | | | | \$0.00 |
| 64 | | | | | | | | | \$0.00 |
| 65 | | | | | | | | | \$0.00 |
| 66 | | | | | | | | | \$0.00 |
| 67 | | | | | | | | | \$0.00 |
| 68 | | | | | | | | | \$0.00 |
| 69 | | | | | | | | | \$0.00 |
| 70 | | | | | | | | | \$0.00 |
| 71 | | | | | | | | | \$0.00 |
| 72 | | | | | | | | | \$0.00 |
| 73 | | | | | | | | | \$0.00 |
| 74 | | | | | | | | | \$0.00 |
| 75 | | | | | | | | | \$0.00 |
| 76 | | | | | | | | | \$0.00 |
| 77 | | | | | | | | | \$0.00 |
| 78 | | | | | | | | | \$0.00 |

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = ARMY RESEARCH LABORATORY

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| OPS/ADMIN FACILITIES | 220K SQ FT |
| RESEARCH AND DEVELOPMENT FAC | 685K SQ FT |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 98 % |
| AVERAGE AGE OF FACILITIES | 19 YRS |

INFRASTRUCTURE

| | |
|----------------------------------|-------------|
| <u>WATER SUPPLY CAPACITY</u> | 3.83 MGD |
| <u>SEWAGE TREATMENT CAPACITY</u> | 4.61 MGD |
| <u>ELECTRICAL CAPACITY</u> | 30 |
| SOLID WASTE LANDFILL COSTS | \$46.00/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | 0 |
| ENDANGERED SPECIES | 1 |
| WETLANDS FACTOR | .5511 |
| AIR QUALITY | 1 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 39 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|--------------------------|-----------|
| BUILDABLE ACRES | 223 ACRES |
| INFORMATION MISSION AREA | 775 PTS |
| TELEPHONE SWITCHING | 0 PTS |
| OUTSIDE CABLE PLANT | 160 PTS |
| COMMON USER SUPPORT | 375 PTS |
| DSN/DDN NODE | 75 PTS |
| POST WIDE WAN/LAN | 45 PTS |
| TCC | 75 PTS |
| VTC | 45 PTS |

CLOSE HOLD

CLOSE HOLD

COST AND MANPOWER

| | |
|---------------------------|-----------------|
| COST OF LIVING INDEX | \$1359.56 |
| MCA COST FACTOR | 1.03 |
| BASOPS/MISSION POPULATION | |
| PAYROLL AND NON PAYROLL * | \$34844000. |
| MISSION POPULATION | DA WILL PROVIDE |

* ARL CANNOT IDENTIFY FY93 BASOPS COSTS BY PAYROLL AND
NON PAYROLL

CLOSE HOLD



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY MEDICAL COMMAND (PROV)
2050 WORTH ROAD
FORT SAM HOUSTON, TEXAS 78234 6000



REPLY TO
ATTENTION OF

MCHO-OP-MR (5-10c)

22 JUN 1994

MEMORANDUM FOR HQDA (DACS-TABS), WASH DC 20310-0220

SUBJECT: Base Realignment and Closures (BRAC) 1995 Installation Assessment Program--BRAC Data Call #1

1. References:

a. Memorandum, Chief of Staff, U.S. Army, 26 April 1994, subject: BRAC 95 Installation Assessment (IA) Program--BRAC 95 Data Call #1.

b. Memorandum, Chief of Staff, U.S. Army, 26 April 1994, subject: Change 1 to HQDA BRAC Installation Assessment (IA) Data Call #1.

2. The enclosure contains data for Walter Reed Army Medical Center, Fitzsimons Army Medical Center, and Fort Detrick as referenced above.

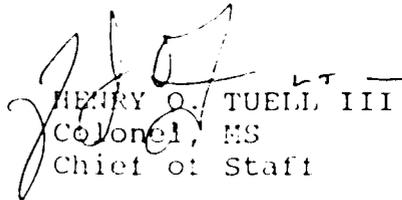
3. The information contained in this report is accurate and complete to the best of my knowledge and belief. To ensure data accuracy, the U.S. Army Medical Command staff worked individually with their counterparts at Walter Reed Army Medical Center, Fitzsimons Army Medical Center, and Fort Detrick.

4. Fort Detrick was evaluated for the first time by U.S. Army Medical Command. Tripler Army Medical Center was assessed by U.S. Army Pacific Command.

5. Our points of contact are Major Charles J. DeVries and Captain Corwin Harper, Operations Directorate, Missions and Realignment Division, DSN 471-8801/7042.

FOR THE COMMANDER:

Encl


HENRY O. TUELL III
Colonel, MS
Chief of Staff

CF (w/encl):

HQDA (DASG-RMP), 5109 Leesburg Pike, Falls Church, VA 22041-3258

Review of 9/1/1994/1995/1996/1997/1998/1999/2000/2001/2002/2003/2004/2005/2006/2007/2008/2009/2010/2011/2012/2013/2014/2015/2016/2017/2018/2019/2020/2021/2022/2023/2024/2025/2026/2027/2028/2029/2030/2031/2032/2033/2034/2035/2036/2037/2038/2039/2040/2041/2042/2043/2044/2045/2046/2047/2048/2049/2050/2051/2052/2053/2054/2055/2056/2057/2058/2059/2060/2061/2062/2063/2064/2065/2066/2067/2068/2069/2070/2071/2072/2073/2074/2075/2076/2077/2078/2079/2080/2081/2082/2083/2084/2085/2086/2087/2088/2089/2090/2091/2092/2093/2094/2095/2096/2097/2098/2099/2100/2101/2102/2103/2104/2105/2106/2107/2108/2109/2110/2111/2112/2113/2114/2115/2116/2117/2118/2119/2120/2121/2122/2123/2124/2125/2126/2127/2128/2129/2130/2131/2132/2133/2134/2135/2136/2137/2138/2139/2140/2141/2142/2143/2144/2145/2146/2147/2148/2149/2150/2151/2152/2153/2154/2155/2156/2157/2158/2159/2160/2161/2162/2163/2164/2165/2166/2167/2168/2169/2170/2171/2172/2173/2174/2175/2176/2177/2178/2179/2180/2181/2182/2183/2184/2185/2186/2187/2188/2189/2190/2191/2192/2193/2194/2195/2196/2197/2198/2199/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/2211/2212/2213/2214/2215/2216/2217/2218/2219/2220/2221/2222/2223/2224/2225/2226/2227/2228/2229/2230/2231/2232/2233/2234/2235/2236/2237/2238/2239/2240/2241/2242/2243/2244/2245/2246/2247/2248/2249/2250/2251/2252/2253/2254/2255/2256/2257/2258/2259/2260/2261/2262/2263/2264/2265/2266/2267/2268/2269/2270/2271/2272/2273/2274/2275/2276/2277/2278/2279/2280/2281/2282/2283/2284/2285/2286/2287/2288/2289/2290/2291/2292/2293/2294/2295/2296/2297/2298/2299/2300/2301/2302/2303/2304/2305/2306/2307/2308/2309/2310/2311/2312/2313/2314/2315/2316/2317/2318/2319/2320/2321/2322/2323/2324/2325/2326/2327/2328/2329/2330/2331/2332/2333/2334/2335/2336/2337/2338/2339/2340/2341/2342/2343/2344/2345/2346/2347/2348/2349/2350/2351/2352/2353/2354/2355/2356/2357/2358/2359/2360/2361/2362/2363/2364/2365/2366/2367/2368/2369/2370/2371/2372/2373/2374/2375/2376/2377/2378/2379/2380/2381/2382/2383/2384/2385/2386/2387/2388/2389/2390/2391/2392/2393/2394/2395/2396/2397/2398/2399/2400/2401/2402/2403/2404/2405/2406/2407/2408/2409/2410/2411/2412/2413/2414/2415/2416/2417/2418/2419/2420/2421/2422/2423/2424/2425/2426/2427/2428/2429/2430/2431/2432/2433/2434/2435/2436/2437/2438/2439/2440/2441/2442/2443/2444/2445/2446/2447/2448/2449/2450/2451/2452/2453/2454/2455/2456/2457/2458/2459/2460/2461/2462/2463/2464/2465/2466/2467/2468/2469/2470/2471/2472/2473/2474/2475/2476/2477/2478/2479/2480/2481/2482/2483/2484/2485/2486/2487/2488/2489/2490/2491/2492/2493/2494/2495/2496/2497/2498/2499/2500/2501/2502/2503/2504/2505/2506/2507/2508/2509/2510/2511/2512/2513/2514/2515/2516/2517/2518/2519/2520/2521/2522/2523/2524/2525/2526/2527/2528/2529/2530/2531/2532/2533/2534/2535/2536/2537/2538/2539/2540/2541/2542/2543/2544/2545/2546/2547/2548/2549/2550/2551/2552/2553/2554/2555/2556/2557/2558/2559/2560/2561/2562/2563/2564/2565/2566/2567/2568/2569/2570/2571/2572/2573/2574/2575/2576/2577/2578/2579/2580/2581/2582/2583/2584/2585/2586/2587/2588/2589/2590/2591/2592/2593/2594/2595/2596/2597/2598/2599/2600/2601/2602/2603/2604/2605/2606/2607/2608/2609/2610/2611/2612/2613/2614/2615/2616/2617/2618/2619/2620/2621/2622/2623/2624/2625/2626/2627/2628/2629/2630/2631/2632/2633/2634/2635/2636/2637/2638/2639/2640/2641/2642/2643/2644/2645/2646/2647/2648/2649/2650/2651/2652/2653/2654/2655/2656/2657/2658/2659/2660/2661/2662/2663/2664/2665/2666/2667/2668/2669/2670/2671/2672/2673/2674/2675/2676/2677/2678/2679/2680/2681/2682/2683/2684/2685/2686/2687/2688/2689/2690/2691/2692/2693/2694/2695/2696/2697/2698/2699/2700/2701/2702/2703/2704/2705/2706/2707/2708/2709/2710/2711/2712/2713/2714/2715/2716/2717/2718/2719/2720/2721/2722/2723/2724/2725/2726/2727/2728/2729/2730/2731/2732/2733/2734/2735/2736/2737/2738/2739/2740/2741/2742/2743/2744/2745/2746/2747/2748/2749/2750/2751/2752/2753/2754/2755/2756/2757/2758/2759/2760/2761/2762/2763/2764/2765/2766/2767/2768/2769/2770/2771/2772/2773/2774/2775/2776/2777/2778/2779/2780/2781/2782/2783/2784/2785/2786/2787/2788/2789/2790/2791/2792/2793/2794/2795/2796/2797/2798/2799/2800/2801/2802/2803/2804/2805/2806/2807/2808/2809/2810/2811/2812/2813/2814/2815/2816/2817/2818/2819/2820/2821/2822/2823/2824/2825/2826/2827/2828/2829/2830/2831/2832/2833/2834/2835/2836/2837/2838/2839/2840/2841/2842/2843/2844/2845/2846/2847/2848/2849/2850/2851/2852/2853/2854/2855/2856/2857/2858/2859/2860/2861/2862/2863/2864/2865/2866/2867/2868/2869/2870/2871/2872/2873/2874/2875/2876/2877/2878/2879/2880/2881/2882/2883/2884/2885/2886/2887/2888/2889/2890/2891/2892/2893/2894/2895/2896/2897/2898/2899/2900/2901/2902/2903/2904/2905/2906/2907/2908/2909/2910/2911/2912/2913/2914/2915/2916/2917/2918/2919/2920/2921/2922/2923/2924/2925/2926/2927/2928/2929/2930/2931/2932/2933/2934/2935/2936/2937/2938/2939/2940/2941/2942/2943/2944/2945/2946/2947/2948/2949/2950/2951/2952/2953/2954/2955/2956/2957/2958/2959/2960/2961/2962/2963/2964/2965/2966/2967/2968/2969/2970/2971/2972/2973/2974/2975/2976/2977/2978/2979/2980/2981/2982/2983/2984/2985/2986/2987/2988/2989/2990/2991/2992/2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CLOSE HOLD

ATTRIBUTES AND WEIGHTS FOR COMMODITY INSTALLATIONS

MISSION REQUIREMENTS AND OPERATIONAL READINESS

FT DETRICK

ATTRIBUTE

| | |
|------------------------------|--------------------------------------|
| Available Workforce | 4,717 persons ← 2,454,076 |
| Ops/Admin facilities | 232,927 sq ft |
| Research and Development Fac | 468,308 sq ft |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

ATTRIBUTE

| | |
|--------------------------|-----------|
| Buildable Acres | 300 acres |
| Information Mission Area | 1600 |

LAND AND FACILITIES

ATTRIBUTE

| | |
|--|--------------------|
| Average Age of Facilities Infrastructure | 28.15 yrs/sq ft |
| Water | 1.4 MGD |
| Sewage | 0.9 BGD |
| Electrical | 254 million kwh |
| Landfill | \$54.42/short ton |
| Percent Permanent Facilities | 80% |
| Environmental Capacity | |
| Archeology/Historic Buildings | |
| A = (lime kiln, area B) | 4+1 |
| B = | 1143 |
| Endangered Species Factor | 0 |
| Wetlands Factor | A = 18 B = 1143 |
| Air Quality Factor (No attainment) | 10 |
| Water Quality Factor | 0 |
| Noise Quality Factor | 0 |
| Contaminated Sites Factor (CSF) | |
| A = 2 (Only two sites known to be contaminated.) | |
| B = 0 | |

CLOSE HOLD

FORT DETRICK
COST AND MANPOWER

ATTRIBUTE

Cost of Living Index
MCA Cost Factor
BASOPS/Mission Population

~~106.8~~ 135.1 per C. Fletcher rpt
0.83
~~\$37.1M~~ DA to provide
9199.1073

CLOSE HOLD

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = DETROIT ARSENAL

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| OPS/ADMIN FACILITIES | 896K SQ FT |
| RESEARCH AND DEVELOPMENT FAC | 533K SQ FT |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 97 % |
| AVERAGE AGE OF FACILITIES | 19 YRS |

INFRASTRUCTURE

| | |
|----------------------------|-------------|
| WATER SUPPLY CAPACITY | 10.86 MGD |
| SEWAGE TREATMENT CAPACITY | 7.52 MGD |
| ELECTRICAL CAPACITY | 0 |
| SOLID WASTE LANDFILL COSTS | \$19.04/TON |

ENVIRONMENTAL CAPACITY

| | |
|---------------------------------------|---------|
| ARCHAEOLOGY/HISTORIC BUILDINGS FACTOR | 0.019 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | 0 |
| AIR QUALITY | 10 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 1 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|--------------------------|-------------------|
| BUILDABLE ACRES | 204 ACRES |
| INFORMATION MISSION AREA | 905 PTS |
| TELEPHONE SWITCHING | 0 PTS |
| OUTSIDE CABLE PLANT | 120 PTS |
| COMMON USER SUPPORT | 495 PTS |
| DSN/DDN NODE | 50 PTS |
| POST WIDE WAN/LAN | 75 PTS |
| TCC | 100 PTS ** |
| VTC | 45 PTS |

CLOSE HOLD

Rec'd 12 w 94/045
NOTE: W/ change + -K
T.A.A. SIMR -

CLOSE HOLD

COST AND MANPOWER

| | |
|---------------------------|-----------------|
| COST OF LIVING INDEX | \$714.87 |
| MCA COST FACTOR | 1.22 |
| BASOPS/MISSION POPULATION | |
| PAYROLL | \$19360625 |
| NON PAYROLL | \$34887307 |
| MISSION POPULATION | DA WILL PROVIDE |

**** Changed TCC from 120 points to 100 points per AAA audited on 30 June. Changes made on 1 July 1994.**

CLOSE HOLD

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = DETROIT ARSENAL

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| OPS/ADMIN FACILITIES | 896K SQ FT |
| RESEARCH AND DEVELOPMENT FAC | 533K SQ FT |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 97 % |
| AVERAGE AGE OF FACILITIES | 19 YRS |

INFRASTRUCTURE

| | |
|----------------------------|-------------|
| WATER SUPPLY CAPACITY | 10.86 MGD |
| SEWAGE TREATMENT CAPACITY | 7.52 MGD |
| ELECTRICAL CAPACITY | 0 |
| SOLID WASTE LANDFILL COSTS | \$19.04/TON |

ENVIRONMENTAL CAPACITY

| | |
|---------------------------------------|---------|
| ARCHAEOLOGY/HISTORIC BUILDINGS FACTOR | 0.019 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | 0 |
| AIR QUALITY | 10 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 1 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|-----------------|-----------|
| BUILDABLE ACRES | 204 ACRES |
|-----------------|-----------|

| | |
|--------------------------|----------------------------|
| INFORMATION MISSION AREA | 905 PTS ✓ <i>no change</i> |
|--------------------------|----------------------------|

| | |
|---------------------|------------------------|
| TELEPHONE SWITCHING | 0 PTS |
| OUTSIDE CABLE PLANT | 120 PTS |
| COMMON USER SUPPORT | 495 PTS |
| DSN/DDN NODE | 50 PTS |
| POST WIDE WAN/LAN | 75 PTS |
| TCC | 100 120 PTS |
| VTC | 45 PTS |

Chg per AAA audit on 30 Jun 99.

CLOSE HOLD

COST AND MANPOWER

COST OF LIVING INDEX

\$714.87

MCA COST FACTOR

1.22

BASOPS/MISSION POPULATION

PAYROLL

\$19360625

NON PAYROLL

\$34887307

MISSION POPULATION

DA WILL PROVIDE *5244*

= *10,344,762*

CLOSE HOLD

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = FORT MONMOUTH

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| <u>OPS/ADMIN FACILITIES</u> | 1264K SQ FT ✓ |
| RESEARCH AND DEVELOPMENT FAC | 729K SQ FT |

LAND AND FACILITIES

| | |
|----------------------------------|-------------------------------|
| PERCENT PERMANENT FACILITIES | 90 % |
| <u>AVERAGE AGE OF FACILITIES</u> | ✓ 43.6 YRS <i>was 44 yrs.</i> |

INFRASTRUCTURE

| | | |
|-----------------------------------|-------------|------------------|
| <u>WATER SUPPLY CAPACITY</u> | ✓ 5.40 MGD | <i>4.17 MGD</i> |
| <u>SEWAGE TREATMENT CAPACITY</u> | ✓ 0.078 MGD | <i>5.40 MGD</i> |
| ELECTRICAL CAPACITY | 125 | |
| <u>SOLID WASTE LANDFILL COSTS</u> | \$68.70/TON | <i>\$ 60/ton</i> |

Rounded to 3 (2.8) Total Infrastructure

ENVIRONMENTAL CAPACITY

| | | |
|---|---------|-----------------|
| <u>ARCHEOLOGY/HISTORIC BUILDINGS FACTOR</u> | ✓ .072 | <i>was .065</i> |
| ENDANGERED SPECIES | 0 | |
| <u>WETLANDS FACTOR</u> | ✓ .073 | <i>was .070</i> |
| AIR QUALITY | 10 | |
| WATER QUALITY | 0 | |
| NOISE QUALITY | | |
| AICUZ ZONE II OFF POST | 0 ACRES | |
| AICUZ ZONE III OFF POST | 0 ACRES | |
| CONTAMINATED SITE IRP | 0 | |
| CONTAMINATED SITE NPL | 0 | |

Rounded to 8 (7.8) Total Environmental

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|--------------------------|-----------|
| BUILDABLE ACRES | 281 ACRES |
| INFORMATION MISSION AREA | 1425 PTS |
| TELEPHONE SWITCHING | 450 PTS |
| OUTSIDE CABLE PLANT | 260 PTS |
| COMMON USER SUPPORT | 420 PTS |
| DSN/DDN NODE | 75 PTS |
| POST WIDE WAN/LAN | 75 PTS |
| TCC | 100 PTS |
| VTC | 45 PTS |

*Spoke w/LTC Powell
18 Jul 94/1500... he
said to implement
into D-PAD. This
shouldn't chg th.
Ranking.*

CLOSE HOLD

Rec'd UPDATE (Inbox) 18 Jul 94/1420 for Rec'd

CLOSE HOLD

COST AND MANPOWER

| | |
|---------------------------|-----------------|
| COST OF LIVING INDEX | \$1231.85 |
| MCA COST FACTOR | 1.19 |
| BASOPS/MISSION POPULATION | |
| PAYROLL | \$28637604 |
| NON PAYROLL | \$55494004 |
| MISSION POPULATION | DA WILL PROVIDE |

Note: Changes were highlighted in Italic and Bold types.
Changes per AAA reviews by memo on 15 June and were
incorporated into this document on 20 June 1994.

CLOSE HOLD

Commodore



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 Commander, U.S. Communication-Electronics
Command and Fort Monmouth, Fort Monmouth, New Jersey
07703-5000

SUBJECT: Review of the Army Basing Study - Phase I -
Installation Assessment, Fort Monmouth--INFORMATION
MEMORANDUM NR 94-708

1. Introduction. This is the report on our review of installation assessment that 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. 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 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.

Our review consisted of:

- Comparing the DA guidance for determining the value of installation assessment attributes with the guidance and method Fort Monmouth used.
- Reviewing the source data and documentation supporting the values Fort Monmouth reported.

SAAG-NER

SUBJECT: Review of the Army Basing Study - Phase I -
Installation Assessment, Fort Monmouth--INFORMATION
MEMORANDUM NR 94-708

- Performing limited tests on the accuracy of the data values reported.
- Verifying the mathematics used to determine the reported values.

3. Background

a. **Base Closure.** The Defense Base Closure and Realignment Act of 1990 provides a fair process that will result in the timely closure and realignment of military installations. The Army established the Basing Study Office to manage the study process. The office divided the study process into two phases. Under phase I the Army assesses the relative military value of its installations. Under phase II the Army identifies and evaluates alternatives for realignment and closure. This memorandum addresses only our review of your command's participation in the installation assessment process.

b. **Attributes.** Fort Monmouth reported data values for 11 of the 12 attributes that will be used to assess the relative value of commodity installations. The annex identifies these attributes. DA will provide the value of the 12th attribute--available workforce.

4. Review Results

a. **Accuracy of Reported Data.** Fort Monmouth didn't report accurate values for 4 of 11 attributes. Here are the attributes with inaccuracies:

- **Base Operations and Mission Population.** Fort Monmouth reported that it cost \$8,702 a year to support each of its 9,668 mission employees. It should have reported a cost of \$8,800. Fort Monmouth didn't include the cost of guard services that are reimbursed by customers.
- **Information Mission Area.** Fort Monmouth reported 1,440 points for this area. It should have reported 1,425 points. Fort Monmouth miscalculated the points for having a Teleconference Center.
- **Infrastructure.** Fort Monmouth reported that its infrastructure included an electrical capacity of 65,000 kilovolt-amperes. It should have reported a capacity of 78,000 kilovolt-amperes. It appears

SAAG-NER

SUBJECT: Review of the Army Basing Study - Phase I -
Installation Assessment, Fort Monmouth--INFORMATION
MEMORANDUM NR 94-708

that Fort Monmouth didn't include three transformers in its count.

- **Operational/Administrative Facilities.** Fort Monmouth reported that it had 1,394,635 square feet of this kind of space. It should have reported 1,263,509 square feet. The difference of about 131,000 square feet occurred because Fort Monmouth double-counted the space in two buildings.

The annex shows the data values that Fort Monmouth reported and we verified for all 11 attributes.

b. **Data Sources and Methods.** Fort Monmouth followed the DA installation assessment guidance for determining data values, except for:

- Using a local database (Desk Resource Real Property) in lieu of the DA-specified Headquarters Real Property Planning and Analysis System to determine most of the facility data values reported. The local database is the source for updating the Real Property System.
- Using its Budget Resource Information Management System to calculate the Base Operations and Mission Population value in lieu of the DA-specified Standard Financial System 218 Report. Command personnel said that Fort Monmouth doesn't produce a 218 report.
- Using a factor representing the Variable Housing Allowance that service members receive at Fort Monmouth. The U.S. Army Materiel Command told Fort Monmouth to use this factor instead of the Cost of Living Index because New Jersey wasn't included in the index's calculation.

c. **Completeness of Records Maintained.** Fort Monmouth had adequate documentation to support the reported data values. The documentation was kept by the directorates providing the information (for example, Facility Engineers and Resource Management).

5. **Discussion of Results.** We discussed the results of our review with Mr. John Gemelli (Acting Director) and Mr. Bruce Banasz of the Program Analysis and Evaluation Directorate (the office that coordinated command's reporting). Fort Monmouth agreed with our conclusions and said it would correct the inaccurate values and resubmit them to

SAAG-NER
 SUBJECT: Review of the Army Basing Study - Phase I -
 Installation Assessment, Fort Monmouth--INFORMATION
 MEMORANDUM NR 94-708

Materiel Command. 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.

Encl

Robert S. Clark
 for HENRY P. CULLERTON
 Regional Auditor General

CF:
 Commander, Materiel Command
 Basing Study Office

*Change D-PAD as follows per AAA report
 findings:*

| | | | | | |
|----------------------|---------|-----------|-----------|----------|--|
| <i>Fort Monmouth</i> | 8702 | ✓ 8800 | BADES/Adm | ✓ | <i>Monmouth the only Change per AAA rev</i> |
| | 1440 | ✓ 1425 | INAA | ✓ | |
| | 65000 | ✓ 78000 | Sewage | .078 mgd | |
| | 1394635 | ✓ 120509 | op/Admin | | |
| | | AAA D-pad | | | |

DATA ATTRIBUTES REVIEWED

| Data Attribute | Unit of Measure | Reported by Fort Monmouth | Verified by Army Audit Agency |
|--|------------------------|---------------------------|-------------------------------|
| Average Age of Facilities | Years | 43.6 | 43.6 |
| Base Operations and Mission Population | Dollars/Person a Year | \$8,702 | \$8,800 <u>1/</u> |
| Buildable Acres | Acres | 280.95 | 280.95 |
| Cost of Living Index | Index Value | 1,231.85 | 1,231.85 <u>2/</u> |
| Environmental Capacity | | | |
| Historic Sites | Number | 0.72 | 0.72 |
| Endangered Species | Number | 0 | 0 |
| Wetlands | Percent of Total Acres | .073 | .073 |
| Air Quality | 10 - Not in Attainment | 10 | 10 |
| Water Quality | Violations | 0 | 0 |
| Noise Quality | Acres | 0 | 0 |
| Contaminated Sites | Number | 0 | 0 |
| Information Mission Area | Points | 1,440 | 1,425 <u>3/</u> |
| Infrastructure | | | |
| Sewage Treatment | Gallons/Day (Millions) | 65,000 | 78,000 <u>4/</u> |
| Water Supply | Gallons/Day (Millions) | 5.40 | 5.40 |
| Electrical | KVA/Day (Millions) | 4.17 | 4.17 |
| Solid Waste Landfill | Dollars a Ton | \$68.70 | \$68.70 |
| MCA Cost Factor | Index | 1.19 | 1.19 |
| Operational/Administrative Facilities | Square Feet | 1,394,635 | 1,263,509 <u>5/</u> |
| Permanent Facilities | Percent | 90.2 | 90.2 |
| Research and Development Facilities | Square Feet | 728,555 | 728,555 |

NOTES:

1/ Command didn't include \$947,401 of costs for reimbursable guard service. By doing so, we increased the cost to support the mission population of 9,668 to \$8,800 a person.

2/ This is a factor representing the Variable Housing Allowance service members receive at Fort Monmouth. The U.S. Army Materiel Command told command to use this factor instead of the Cost of Living Index because New Jersey wasn't included in index's calculation.

3/ Fort Monmouth overstated the points for having a Teleconference Center by 15 because of an arithmetic mistake (the factor was multiplied by 20 instead of 15).

4/ Total kilovolt-amperes (KVA) is 78,000, not 65,000. Evidently, Fort Monmouth didn't count three transformers at two substations.

ANNEX

5/ Fort Monmouth counted two buildings twice. One building with 46,248 square feet was counted twice. Another with 84,878 square feet was counted once as existing administrative space and again as a conversion to administrative space in the planned construction category.

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = NATICK RESEARCH ENGR CENTER

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| OPS/ADMIN FACILITIES | 140K SQ FT |
| RESEARCH AND DEVELOPMENT FAC | 517K SQ FT |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 98 % |
| AVERAGE AGE OF FACILITIES | 36 YRS |

INFRASTRUCTURE

| | |
|----------------------------|-------------|
| WATER SUPPLY CAPACITY | 0.37 MGD |
| SEWAGE TREATMENT CAPACITY | 0.40 MGD |
| ELECTRICAL CAPACITY | 70 |
| SOLID WASTE LANDFILL COSTS | \$19.25/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .006 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | .1 |
| AIR QUALITY | 10 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 13 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|--------------------------|----------|
| BUILDABLE ACRES | 35 ACRES |
| INFORMATION MISSION AREA | 600 PTS |
| TELEPHONE SWITCHING | 0 PTS |
| OUTSIDE CABLE PLANT | 0 PTS |
| COMMON USER SUPPORT | 375 PTS |
| DSN/DDN NODE | 50 PTS |
| POST WIDE WAN/LAN | 75 PTS |
| TCC | 55 PTS |
| VTC | 45 PTS |

CLOSE HOLD

CLOSE HOLD

COST AND MANPOWER

COST OF LIVING INDEX \$1431.64

MCA COST FACTOR 1.27

BASOPS/MISSION POPULATION

PAYROLL \$11488495

NON PAYROLL \$21445412

MISSION POPULATION

DA WILL PROVIDE 1164

$$\begin{array}{r} 32933907 \\ \div 1164 \\ \hline 28,293,734 \end{array}$$

CLOSE HOLD

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = PICATINNY ARSENAL

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| OPS/ADMIN FACILITIES | 1225K SQ FT |
| RESEARCH AND DEVELOPMENT FAC | 1338K SQ FT |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 99 % |
| AVERAGE AGE OF FACILITIES | 48 YRS |

INFRASTRUCTURE

| | |
|----------------------------|--------------|
| WATER SUPPLY CAPACITY | 1.00 MGD |
| SEWAGE TREATMENT CAPACITY | 2.00 MGD |
| ELECTRICAL CAPACITY | 9375 |
| SOLID WASTE LANDFILL COSTS | \$188.43/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .000462 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | .0923 |
| AIR QUALITY | 10 |
| WATER QUALITY | 2 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 157 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|-----------------|------------|
| BUILDABLE ACRES | 4034 ACRES |
|-----------------|------------|

| | |
|--------------------------|----------|
| INFORMATION MISSION AREA | 1565 PTS |
|--------------------------|----------|

| | |
|---------------------|---------|
| TELEPHONE SWITCHING | 500 PTS |
| OUTSIDE CABLE PLANT | 300 PTS |
| COMMON USER SUPPORT | 495 PTS |
| DSN/DDN NODE | 75 PTS |
| POST WIDE WAN/LAN | 75 PTS |
| TCC | 75 PTS |
| VTC | 45 PTS |

COST AND MANPOWER

CLOSE HOLD

CLOSE HOLD

COST OF LIVING INDEX

\$1194.02

MCA COST FACTOR

1.29

BASOPS/MISSION POPULATION

PAYROLL

\$48964000

NON PAYROLL

\$33490000

= 82454000

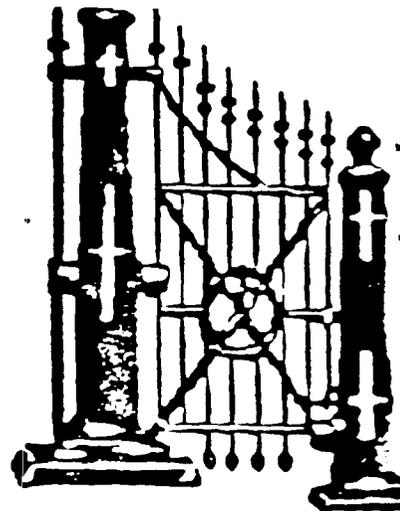
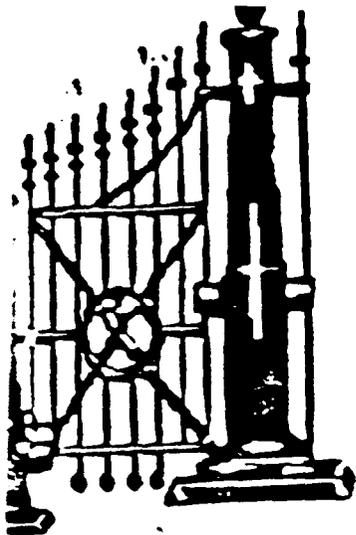
MISSION POPULATION

DA WILL PROVIDE

8328

= 9,900.8165

CLOSE HOLD



**US Army Armament Research, Development
and Engineering Center**

Picatinny Arsenal, NJ

MANAGEMENT AND ANALYSIS DIVISION

TO: COMMAND: HQ AMC
OFFICE SYMBOL: AMSCO
NAME: Daryl Powell
TELEPHONE NUMBER: DSN 284-8155
FAX NUMBER: (703) 274-3779

FROM: OFFICE SYMBOL: SMCAR-RMM
NAME: Vicki Naujokas
TELEPHONE NUMBER: DSN 880-6010 COMMER 201 724-6010 FAX 5956
DATE-TIME: 07 Jun 94 1430 hrs
SIGNATURE: _____

NO OF PAGES: H+ 6

REMARKS: Forwarded are ammendments to Picatinny Arsenal's Installation Assessment Program for the following data attributes: Research and Development - assest figure not changed, added a commentary which has been included in our BRAC 95 Laboratories Joint Cross-Service Group Package submission; BASOPS/MISSION POPULATION - ammended current population supported to reflect data submitted in a recent feeder data call for the ASIP Station Report; INFRASTRUCTURE - commentary added to reflect additional information submitted on the Joint Cross-Service submission and the Installation Environmental Baseline Survey submission.

JUN 07 1994

04/29/94 08:59

703 274 4881

HQ ANC ANCSO

013

CLOSE HOLD

RESEARCH AND DEVELOPMENT FACILITIES

1. **DEFINITION:** Laboratory activities, environmental control chamber facilities, Research and Development Facilities. R & D facilities must have suitably equipped facilities to operate efficiently.
2. **PURPOSE:** To measure laboratories and other research facilities used in support of material development.
3. **METHODOLOGY:** Assets are determined by summing the permanent square footage from the EER 100 and 100 series EERs. ~~This sum is only for Planned and FY92-96 EER construction that projects are measured against existing projects in square feet.~~ **HQRPLANS.**
4. **REFERENCES:** ~~March~~ **April 1994 HQRPLANS.**
5. **UNIT OF MEASURE:** Thousands of gross square feet.
6. **EQUATION:** Summation.
7. **ATTRIBUTE SCORING:** Higher number is a better score.

RESEARCH AND DEVELOPMENT FACILITIES - 1337.6 thousands of gross square feet

We conduct a considerable amount of on-site, developmental evaluations of componentry at live-fire test sites, although modeling and simulation have reduced this requirement somewhat. Further, we are about to dedicate a new, \$16.8 M laboratory for weapons development and fully-instrumented, small and medium caliber (up to 40 mm), live-fire testing. In addition, two important technology facilities, the Advanced Warhead Development Facility and the Explosives Development Facility will be awarded for construction by 30 Sep 94.

CLOSE HOLD

CLOSE HOLD
PICATINNY ARSENAL, NJ
BASOPS/MISSION POPULATION

JUN 07 1994

*Updated
Submission*

1. **DEFINITION:** Measure of the base operations (BASOPS) cost required to support the mission population.
2. **PURPOSE:** To measure the relative cost of operating an installation in support of the mission requirements. This provides a relative cost factor used to assess the relative cost of operations of an installation.
3. **METHODOLOGY:** Used Total Base Support cost data (RPMA, Base Communication Costs, BASOPS Payroll/Non-payroll) for each installation. These data elements are derived by capturing the expenditures in FY 93 by installation:

Base support (O&MA, RDT&E):

- a. **BASOPS(-); Account (xxxx96)**
 - A. Real Estate Leases
 - B. Supply Operations
 - C. Maintenance of Material
 - D. Transportation Services
 - E. Laundry and Dry Cleaning
 - F. Army Food Services
 - G. Personnel Support
 - H. Unaccompanied Pers Housing Ops
 - J. Utilities
 - M. Other Engineering Support
 - N. Administration
 - P. Automation Activities
 - Q. Reserve Component Support
 - S. Community & Morale Support
 - T. Preservation of Order
 - U. Dir of Resource Management
 - W. Dir of Contracting
 - X. Security and Counterintel Ops
 - Y. Records Management, Pubs
- b. **Real Property Maintenance, Accounts (xxxx76 & xxxx78)**
 - K. Maint & Repair of Real Property
 - L. Minor Construction
- c. **Environmental Programs, Account (xxxx56)**
- d. **Audio-Visual, Account (xxxx90)**
- e. **Base Commo, Account (xxxx95)**

CHANGE 1 TO BRAC 95 IA PROGRAM (22 APRIL 1994 CHANGE 00178)

CLOSE HOLD

D-12

62:01 06. 2. 15-

PICATINNY ARSENAL, NJ
2. Family Programs, Accounts (878708, 878719, 878720)

In cases where a single fiscal station provides data for more than one installation, a breakout will be provided. Data provided should include all known costs paid for operation and support including reimbursable and RDTE. Additionally, any government workspace provided to contractors will be included. This not include contractors providing base support functions. The mission population supported will be provided by HQDA.

4. REFERENCES: Installation STANFINS 218 report data validated by MACOMS for Total Base Support costs.

5. UNIT OF MEASURE: Dollars per person per year.

6. EQUATION: Total Base Support Costs/Total Mission Population.

7. CRITERION SCORING: The lower value results in a better ranking.

The FY 93 Total Base Support Costs was \$82,454,000 (of which \$7,052,000 was the Environmental Programs, Account (xxxx56)). Picatinny Arsenal received an enormous reduction in Base Support funding between FY 93 and FY 94 (FY 94 Base Support funding is \$60,353,000 (of which \$7,733,000 is the Environmental Programs). It would be illogical and unfair to compute the dollars per person per year using the FY 93 expenditures divided by the FY 94 personnel figures. It should also be noted that the base operations personnel assigned to perform this function has been reduced from 949 (BRAC 93) to the present assigned strength of 568.

Our records indicate that the current population supported is 25,172. Reference ASIP Station Report dated 23 May 1994, following is a breakout of the population supported:

| | |
|---------------------------------|--------|
| TDA Units/Tenants | 5,319 |
| Military, Active | 196 |
| Family Members, Active (Note 1) | 424 |
| Reserve Components | 782 |
| Family Members, Reserve | 1,149 |
| Retiree (Note 2) | 7,005 |
| Family Members of Retirees | 10,297 |
| Total | 25,172 |

Note 1 - Figure obtained from Post Housing Records

Note 2 - Figures for Retirees and their family members were obtained from the 1993 DOD Statistical Report on Military Retirement System, and using a factor of 1.47 to determine family members.

CHANGE 2 TO BRAC 93 IS PROGRAM (22 APRIL 1994 CHANGE POSTED)

CLOSE HOLD

D-13

INFRASTRUCTURE

1. **DEFINITION:** Capacity of water, sewage treatment, electrical distribution and cost of land fill.

2. **PURPOSE:** To measure the infrastructure capacity of the installation.

3. **METHODOLOGY:** Four aspects are considered:

a. Water: Capacity in terms of million gallons per day.

b. Sewage treatment: Capacity in terms of million gallons per day.

c. Electrical distribution: Capacity in terms of million kilowatt hours.

d. Land fill: Cost of land fill used by the installation in dollars per short ton (on or off post), determined based upon historical records.

Measures a,b,c should incorporate any new infrastructure capacity resulting from projects included in the FY 91 - FY 95 military construction program.

4. **REFERENCES:** Installation and MACOM engineer analysis based on the installation master plan utilities analysis report. Lacking the installation master plan, the DEH utilities division will provide the information.

5. **UNIT OF MEASURE:** As described in methodology above.

7. **ATTRIBUTE SCORING:**

For submodel: Water, Sewage treatment, electrical distribution - A larger number is a better score. Land fill--A smaller cost is a better score.

For main model: A higher value results in a higher ranking.

See attached

CLOSE HOLD

D-31

CLOSE HOLD

PICATINNY ARSENAL, NJ

INFRASTRUCTURE

1. Water - 1 million gallons per day (MGD) capacity

Picatinny Arsenal can expand existing water service by .272 MGD or 37% of the 1993 water consumption without UMMCA or MCA capital investment. The 1 million gallon per day capacity figure is based upon the limiting factor of the new Water Treatment Plant (completed 1990) design water treatment capacity of 1 million gallons per day (MGD). Picatinny Arsenal is located over two water aquifers from which we pump our own water. Aquifer capacity is practically limitless. We pump from three wells with a pump capacity of 1.76 MGD. An additional well licensed only for emergencies has a combined pump capacity of .75 MGD. Picatinny Arsenal's 1993 average water consumption was .728 MGD. Therefore, excess water capacity equals 1 MGD water treatment capacity minus .728 MGD average consumption which equals .272 MGD, a 37% capability to expand.

2. Sewage Treatment - 2 million gallons per day line capacity

Picatinny Arsenal pretreats wastewater prior to pumping off post to the Rockaway Valley Regional Sewage Authority (RVRSA).

The installation wastewater pretreatment plant has a design capacity of 0.50 MGD.

The remaining life expectancy of the wastewater pretreatment plant is a minimum of 30 years (approximately 2024). At the present time no pretreatment plant upgrades are anticipated. The plant was built in the 1920's. It is a simple system of settling tanks, stationary trickling filter and clarifier with no mechanical parts except for a small sludge pump and a gear driven on the clarifier. The sewage collection system is in the process of a total upgrade. Approximately half of the sewer mains have been replaced. The rest of the system is scheduled for replacement and is in the design phase. The completion date for upgrade of all of the mains and lift stations is 1999.

The pretreated effluent is pumped to RVRSA. The design maximum capacity of the pumping station and interceptor line is 2 MGD. The permit capacity of the pumping station and interceptor line is 0.50 MGD. Average daily usage is 0.37 MGD. There are no known or potential permit restrictions that would prevent increase in discharge amounts. Also, there are no known or potential constraints to maintaining or expanding wastewater treatment or discharge.

CLOSE HOLD

CLOSE HOLD
PICATINNY ARSENAL, NJ
INFRASTRUCTURE

3. Electrical Distribution - 268 million kilowatt hours capacity

Picatinny Arsenal can expand existing electrical service by 205 million kilowatt hours per year or 325% of the FY 1993 electric consumption without UMMCA or MCA capital investment. In accordance with TM 5-765, "Electrical Power Transmission and Distribution", capacity of a major distribution system is designed to meet average electrical consumption with a safety factor to handle peak demand load. Picatinny Arsenal's electric consumption in FY 1993 was 63 million kilowatts. Therefore, excess electrical capacity equals 268 million kilowatt hours per year minus 63 million kilowatt hours consumed in FY 1993 or 205 million kilowatt hours per year, a 325% capability to expand.

4. Land Fill - Total costs with recyclables included is \$188.43 per ton, which includes the cost of removal, cost to place refuse in land fill, and the cost to remove recyclables. During FY 93, Picatinny Arsenal removed 2191.75 tons of refuse at cost of \$412,989.29.

*Original
Submission*

**CLOSE HOLD
PICATINNY ARSENAL, NJ
BASOPS/MISSION POPULATION**

1. **DEFINITION:** Measure of the base operations (BASOPS) cost required to support the mission population.
2. **PURPOSE:** To measure the relative cost of operating an installation in support of the mission requirements. This provides a relative cost factor used to assess the relative cost of operations of an installation.
3. **METHODOLOGY:** Used Total Base Support cost data (RPMA, Base Communication Costs, BASOPS Payroll/Non-payroll) for each installation. These data elements are derived by capturing the expenditures in FY 93 by installation:

Base support (O&MA, RDT&E):

- a. **BASPOS(-), Account (xxxx96)**
 - A. Real Estate Leases
 - B. Supply Operations
 - C. Maintenance of Material
 - D. Transportation Services
 - E. Laundry and Dry Cleaning
 - F. Army Food Services
 - G. Personnel Support
 - H. Unaccompanied Pers Housing Ops
 - J. Utilities
 - M. Other Engineering Support
 - N. Administration
 - P. Automation Activities
 - Q. Reserve Component Support
 - S. Community & Morale Support
 - T. Preservation of Order
 - U. Dir of Resource Management
 - W. Dir of Contracting
 - X. Security and Counterintel Ops
 - Y. Records Management, Pubs
- b. **Real Property Maintenance, Accounts (xxxx76 & xxxx78)**
 - K. Maint & Repair of Real Property
 - L. Minor Construction
- c. **Environmental Programs, Account (xxxx56)**
- d. **Audio-Visual, Account (xxxx90)**
- e. **Base Commo, Account (xxxx95)**

CHANGE 1 TO BRAC 95 IA PROGRAM (22 APRIL 1994 CHANGES POSTED)

CLOSE HOLD

D-12

(17)

CLOSE HOLD

PICATINNY ARSENAL, NJ
f. Family Programs, Accounts (878708, 878719, 878720)

In cases where a single fiscal station provides data for more than one installation, a breakout will be provided. Data provided should include all known costs paid for operation and support including reimbursable and RDTE. Additionally, any government workspace provided to contractors will be included. This not include contractors providing base support functions. The mission population supported will be provided by HQDA.

4. REFERENCES: Installation STANFINS 218 report data validated by MACOMS for Total Base Support costs.

5. UNIT OF MEASURE: Dollars per person per year.

6. EQUATION: Total Base Support Costs/Total Mission Population.

7. CRITERION SCORING: The lower value results in a better ranking.

The FY 93 Total Base Support Costs was \$82,454,000 (of which \$7,052,000 was the Environmental Programs, Account (xxxx56)). Picatinny Arsenal received an enormous reduction in Base Support funding between FY 93 and FY 94 (FY 94 Base Support funding is \$60,353,000 (of which \$7,733,000 is the Environmental Programs). It would be illogical and unfair to compute the dollars per person per year using the FY 93 expenditures divided by the FY 94 personnel figures. It should also be noted that the base operations personnel assigned to perform this function has been reduced from 949 (BRAC 93) to the present assigned strength of 568.

Our records indicate that the current population supported is 6,085. Furthermore it should be noted that our average visitors to the Commissary is 6,018 per month and to the Post Exchange is 4,420 per month. Our Officers Club membership is 810.

CHANGE 1 TO BRAC 93 2A PROGRAM (22 APRIL 1994 CHANGE POSTED)

CLOSE HOLD

D-13

(18)

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = REDSTONE ARSENAL

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| OPS/ADMIN FACILITIES | 1719K SQ FT |
| RESEARCH AND DEVELOPMENT FAC | 1367K SQ FT |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 87 % |
| AVERAGE AGE OF FACILITIES | 36 YRS |

INFRASTRUCTURE

| | |
|----------------------------|------------|
| WATER SUPPLY CAPACITY | 9.00 MGD |
| SEWAGE TREATMENT CAPACITY | 6.00 MGD |
| ELECTRICAL CAPACITY | 120145 |
| SOLID WASTE LANDFILL COSTS | \$0.87/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .0005 |
| ENDANGERED SPECIES | 3 |
| WETLANDS FACTOR | .25 |
| AIR QUALITY | 1 |
| WATER QUALITY | 2 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 200 |
| CONTAMINATED SITE NPL | 89 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|--------------------------|------------|
| BUILDABLE ACRES | 3300 ACRES |
| INFORMATION MISSION AREA | 845 PTS |
| TELEPHONE SWITCHING | 0 PTS |
| OUTSIDE CABLE PLANT | 0 PTS |
| COMMON USER SUPPORT | 525 PTS |
| DSN/DDN NODE | 100 PTS |
| POST WIDE WAN/LAN | 75 PTS |
| TCC | 100 PTS |
| VTC | 45 PTS |

CLOSE HOLD

CLOSE HOLD

COST AND MANPOWER

COST OF LIVING INDEX

\$152.36

MCA COST FACTOR

0.78

BASOPS/MISSION POPULATION

PAYROLL

\$47891000 = 143,380,000

NON PAYROLL

\$95489000

MISSION POPULATION

DA WILL PROVIDE 22881

CLOSE HOLD

CLOSE HOLD

COMMODITY INSTALLATIONS

INSTALLATION = ROCK ISLAND ARSENAL

MISSION REQUIREMENTS AND OPERATIONAL READINESS

| | |
|------------------------------|-----------------|
| AVAILABLE WORKFORCE | DA WILL PROVIDE |
| OPS/ADMIN FACILITIES | 1693K SQ FT |
| RESEARCH AND DEVELOPMENT FAC | 26K SQ FT |

LAND AND FACILITIES

| | |
|------------------------------|--------|
| PERCENT PERMANENT FACILITIES | 100 % |
| AVERAGE AGE OF FACILITIES | 50 YRS |

INFRASTRUCTURE

| | |
|----------------------------|-------------|
| WATER SUPPLY CAPACITY | 3.40 MGD |
| SEWAGE TREATMENT CAPACITY | 4.00 MGD |
| ELECTRICAL CAPACITY | 0 |
| SOLID WASTE LANDFILL COSTS | \$49.25/TON |

ENVIRONMENTAL CAPACITY

| | |
|--------------------------------------|---------|
| ARCHEOLOGY/HISTORIC BUILDINGS FACTOR | .07 |
| ENDANGERED SPECIES | 0 |
| WETLANDS FACTOR | .0303 |
| AIR QUALITY | 1 |
| WATER QUALITY | 0 |
| NOISE QUALITY | |
| AICUZ ZONE II OFF POST | 0 ACRES |
| AICUZ ZONE III OFF POST | 0 ACRES |
| CONTAMINATED SITE IRP | 31 |
| CONTAMINATED SITE NPL | 0 |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | |
|--------------------------|-----------|
| BUILDABLE ACRES | 418 ACRES |
| INFORMATION MISSION AREA | 1405 PTS |
| TELEPHONE SWITCHING | 450 PTS |
| OUTSIDE CABLE PLANT | 260 PTS |
| COMMON USER SUPPORT | 450 PTS |
| DSN/DDN NODE | 25 PTS |
| POST WIDE WAN/LAN | 75 PTS |
| TCC | 100 PTS |
| VTC | 45 PTS |

CLOSE HOLD

CLOSE HOLD

COST AND MANPOWER

COST OF LIVING INDEX \$90.16

MCA COST FACTOR 1.11

BASOPS/MISSION POPULATION

PAYROLL \$19905365
NON PAYROLL \$13805252 = 33,710,617

MISSION POPULATION DA WILL PROVIDE 9315

BRAC.XLS

CLOSE HOLD

**Cold Regions Research and Engineering Laboratory
 Hanover, NH 03766**

MISSION REQUIREMENT AND OPERATIONAL READINESS

| DATA ELEMENT | VALUE | UNIT |
|-------------------------------------|-------------|-------------|
| AVAILABLE WORK FORCE | 194,085 | pop. |
| OPS/ADMIN FACILITIES | 58.8 K | gross SF |
| RESEARCH AND DEVELOPMENT FACILITIES | 306.6 K | gross SF |
| LAND AND FACILITIES | 04 | |
| AVERAGE AGE OF FACILITIES | 16.32 | Years/SF |
| INFRASTRUCTURE | | |
| | Water | 2 Mgal/day |
| | Sewer | 10 Mgal/day |
| | Elec. Dist. | 18 MKwh |
| | Landfill | \$54 /ton |
| PERCENT PERMANENT FACILITIES | 100 | % |
| ENVIRONMENTAL CARRYING CAPACITY | 20 | points |

CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

| | | |
|--------------------------------|------|--------|
| BUILDABLE ACRES | 9.46 | Acres |
| INFORMATION MISSION AREA (IMA) | 1015 | points |

COST AND MANPOWER

| | |
|---------------------------|-------------------|
| COST OF LIVING INDEX | DA Provided |
| MCA COST FACTOR | DA Provided |
| BASOPS/MISSION POPULATION | 919.76 K\$/person |

CLOSE HOLD

CLOSE HOLD

DATA DOCUMENTATION

A. MISSION REQUIREMENT AND OPERATIONAL READINESS

1. Available Workforce

CRREL is located within Grafton County, but is approximately 10 miles north of the Sullivan County NH line. Windsor County, VT is accessible across the Connecticut River at Hanover, NH (two miles), and by Interstate Highway eight miles south of the laboratory. Orange County, VT is accessible across the Connecticut River via Hanover, NH, eight miles to the county line and by East Thetford, VT approximately nine miles north of the Laboratory. CRREL's current workforce originates from the above counties as follows:

| <u>County</u> | <u>% Workforce</u> | <u>County Population</u> |
|---------------|--------------------|--------------------------|
| Grafton (NH) | 50% | 74,929 |
| Sullivan (NH) | 10% | 38,952 |
| Windsor (VT) | 19% | 54,055 |
| Orange, (VT) | 9% | 26,149 |
| | Total | 194,085 |

(Data Source is: Workforce home town from personnel records. Population from 1990 Census Data.)

2. OPS/ADMIN Facilities

CRREL is not currently listed in the HQRFPLANS data base. The following data is provided based on as-built drawing and current use within the Laboratory.

FCG 61050 General Purpose Admin 58.8 K gross SF

CLOSE HOLD

CLOSE HOLD

3. Research and Development Facilities

The following buildings are classified as EEA 300 Series:

| | | |
|---------|---|---------------|
| (31090) | Main Laboratory | 80, 830 SF |
| | Laboratory Addition | 46, 720 |
| | Ice Engineering Facility | 73, 100 |
| | Frost Effects Research Facility (FERF) | 29, 415 |
| | Remote Sensing Center | 16, 440 |
| | Technical Information Analysis Center (TIAC) | 24, 000 |
| | Geophysical Research Facility | 4, 200 |
| | Frost Effects Research Facility Annex (FERF Annex)* | 23, 000 |
| | Low Temp Material Evaluation Facility | <u>1, 875</u> |

1997
 *~~CRREL~~ MCA Program Total 306, 580 SF

B. LAND AND FACILITIES

1. Average Age of Facilities

CRREL is not currently listed in the HQR Plans data base. The following data is provided based on current drawing and historical records maintained by the Laboratory Facility Engineer:

| FCG | Building | Size | Year Construction Completed | Age |
|-----|-----------------------------|------------|-----------------------------|-----|
| | Main Laboratory | 80, 830 SF | 1961 | 33 |
| | Laboratory Addition | 46, 720 | 1977 | 17 |
| | Ice Eng'g Facility | 73, 100 | 1978 | 16 |
| | FERF | 29, 415 | 1985 | 9 |
| | Remote Sensing Cntr | 16, 440 | 1993 | 1 |
| | TIAC | 24, 000 | 1994 | 0 |
| | Facility Engineer | 14, 130 | 1968 | 26 |
| | Warehouse | 12, 880 | 1975 | 19 |
| | Logistics Management | 22, 100 | 1976 | 18 |
| | Research Support | 610 | 1978 | 16 |
| | Child Development Cntr | 8, 678 | 1990 | 4 |
| | Vehicle Storage | 7, 750 | 1984 | 5 |
| | Low Temp Material | 4, 395 | 1990 | 4 |
| | " | 4, 480 | 1992 | 2 |
| | Geophysical Resch Fac | 4, 200 | 1993 | 1 |
| | Groundwater Treatment Plant | 3, 640 | 1994 | 0 |

$6,036,267/376,368 = 16.04$ average age/SF

CLOSE HOLD

2. Infrastructure:

Following data is provided by the utility records from the Laboratory Facilities Engineer:

- Water = 2,016,000 Gal/Day (As built cost data/historical records)
- Sewer = 10,000,000 " " (Estimated by Town of Hanover, NH)
- Electrical Distribution = 18,653,040 KWH (Based on max historical load w/trans-formers at 50% capacity)
- Landfill Costs = \$54/ton (Actual Cost)

3. Percent Permanent Facilities

All current structures at CRREL are permanent.

4. Environmental Carrying Capacity

Following assessment conducted by the Laboratory Environmental Engineer:

Archeology/Historic Building Factor = A/B where:

A = # Sites/Structures

B = Total Installation Acres

0/31 = 0

Endangered Species Factor = 0

Wetlands Factor = total wetlands acreage/total acres 0/31 = 0

Water Quality Factor = 0

Noise Quality Factor = 0

Contaminated Sites Factor = A & B A = IRP Sites B = NPL Sites

= 1 + 0 = 1

→ 1 (15- Air Quality Factor) = 15

1 (5- Contaminated Site Factor) = 5

20 Points

~~Air Quality~~ 2

C. CONTINGENCY, MOBILIZATION AND FUTURE REQUIREMENTS

1. Building Acres

Installation Master Plan identifies 9.46 acres as potential buildable land.

2. Information Mission Area

The following assessment is provided by the Laboratory Information Systems Branch:

Telephone Switching

1. Is Main DCOs digital Switch?

Yes = 5

2. Percentage of Fill

<70% = 5

3. Lines (Equipped)

<2,500 = 1

4. Lines (Expandable to)

5,000-10,000 = 3

14 X 25 points = 350

CLOSE HOLD

Outside Cable Plant

- 1. OSCAR Implementation Phase Phase 3 Complete = 5
- 2. Cable Type Fiber Backbone = 5
- 3. Percentage of Fill <50% = 5
15 X 20 points = 300

Common Uses Mainframe Support

- 1. Mainframe (equivalent) IBM 3090 = 5
- 2. Total MIPS >10 MIPS = 5
- 3. ASIMX = 0
- 4. E-Mail Other = 3
- 5. Front End Processor = 0
- 6. Super Computer = 0
13 x 15 points = 195

DSN/DDN Node

- MILNEL Yes = 5
5 x 5 points = 25

Post Wide WAN/LAN

- Fiber Optic Yes = 5
5 x 15 points = 75

TCC

- 1. GENSER DINAH = 5
- 2. DSSSES = 0
- 3. AMME ASC - 0
- 4. Comm. Secure Processor (CSP) = 0
5 x 5 points = 25

VTC

- VTC Facility Yes 3
3 x 15 points = 45

Total 1015 points

CLOSE HOLD

COSTS AND MANPOWER

- 1. Cost of Living Index - DA Provided
- 2. MCA Cost Factor - DA Provided
- 3. BASOPS/Mission Population

The following data is provided by the Laboratory Resource Management Officer:

| | | |
|--------------------|---|------------|
| FY93 RDTE Base Ops | = | \$ 452K |
| FY93 RDTE RPM-M&R | = | 1318 |
| FY93 RDTE RPM-MC | = | 647 |
| FY93 DoD RPM | = | <u>598</u> |
| | | \$ 7091K |

FY93 Year End Strength

| | |
|-------------------------------|-----|
| Military Authorized Spaces | 280 |
| Civil Works Authorized Spaces | 79 |
| | 359 |

civil funded slots.

↓

$\textcircled{\$7091K} / 359 = \$19.752/\text{Man Year}$

Data source is RCXS CSCFA-218 and FY93 End Strength Documentation

NOTE:

APPROPRIATE COPIES OF DOCUMENTATION WILL BE RETAINED BY THE DEPUTY COMMANDER. DOCUMENTS NOT APPROPRIATE FOR RETENTION OF THE DEPUTY (I.E., AS BUILT DRAWINGS) WILL BE MAINTAINED BY THE PRIORITY OFFICE AND WILL BE AVAILABLE FOR AUDIT.

Document Separator

TRAINING SCHOOLS

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: FORT BENNING, GA

| | | | |
|--------------------------------|--------|-------------------------------|--------|
| Total Officer Employees: | 1,423 | RPMA Non-Payroll (\$K/Year): | 23,878 |
| Total Enlisted Employees: | 9,837 | Communications (\$K/Year): | 2,954 |
| Total Student Employees: | 8,191 | BOS Non-Payroll (\$K/Year): | 50,994 |
| Total Civilian Employees: | 3,988 | BOS Payroll (\$K/Year): | 57,528 |
| Mil Families Living On Base: | 54.9% | Family Housing (\$K/Year): | 17,957 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.76 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 13,559 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 51 | Activity Code: | 13025 |
| Enlisted VHA (\$/Month): | 23 | | |
| Per Diem Rate (\$/Day): | 74 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT BLISS, TX

| | | | |
|--------------------------------|--------|-------------------------------|--------|
| Total Officer Employees: | 1,679 | RPMA Non-Payroll (\$K/Year): | 25,044 |
| Total Enlisted Employees: | 9,853 | Communications (\$K/Year): | 4,527 |
| Total Student Employees: | 2,196 | BOS Non-Payroll (\$K/Year): | 64,637 |
| Total Civilian Employees: | 4,132 | BOS Payroll (\$K/Year): | 52,130 |
| Mil Families Living On Base: | 43.8% | Family Housing (\$K/Year): | 13,155 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.96 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 12,968 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 78 | Activity Code: | 48125 |
| Enlisted VHA (\$/Month): | 53 | | |
| Per Diem Rate (\$/Day): | 93 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT EUSTIS, VA

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 536 | RPMA Non-Payroll (\$K/Year): | 9,889 |
| Total Enlisted Employees: | 3,608 | Communications (\$K/Year): | 2,719 |
| Total Student Employees: | 1,734 | BOS Non-Payroll (\$K/Year): | 24,551 |
| Total Civilian Employees: | 2,440 | BOS Payroll (\$K/Year): | 23,364 |
| Mil Families Living On Base: | 43.6% | Family Housing (\$K/Year): | 8,290 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.86 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 4,915 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 153 | Activity Code: | 51215 |
| Enlisted VHA (\$/Month): | 126 | | |
| Per Diem Rate (\$/Day): | 104 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT GORDON, GA

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 993 | RPMA Non-Payroll (\$K/Year): | 12,264 |
| Total Enlisted Employees: | 5,746 | Communications (\$K/Year): | 2,850 |
| Total Student Employees: | 5,047 | BOS Non-Payroll (\$K/Year): | 45,143 |
| Total Civilian Employees: | 2,380 | BOS Payroll (\$K/Year): | 26,442 |
| Mil Families Living On Base: | 21.7% | Family Housing (\$K/Year): | 4,626 |
| 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): | 9,727 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 59 | Activity Code: | 13055 |
| Enlisted VHA (\$/Month): | 74 | | |
| Per Diem Rate (\$/Day): | 76 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

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: | 2,073 | BOS Non-Payroll (\$K/Year): | 40,042 |
| Total Civilian Employees: | 3,180 | 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 JACKSON, SC

| | | | |
|--------------------------------|--------|-------------------------------|--------|
| Total Officer Employees: | 584 | RPMA Non-Payroll (\$K/Year): | 10,814 |
| Total Enlisted Employees: | 2,904 | Communications (\$K/Year): | 2,139 |
| Total Student Employees: | 10,220 | BOS Non-Payroll (\$K/Year): | 22,168 |
| Total Civilian Employees: | 2,459 | BOS Payroll (\$K/Year): | 30,861 |
| Mil Families Living On Base: | 45.0% | Family Housing (\$K/Year): | 4,834 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.73 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | . |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | . |
| Total Base Facilities(KSF): | 8,639 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 61 | Activity Code: | 45455 |
| Enlisted VHA (\$/Month): | 53 | | |
| Per Diem Rate (\$/Day): | 83 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT KNOX, KY

| | | | |
|--------------------------------|--------|-------------------------------|--------|
| Total Officer Employees: | 999 | RPMA Non-Payroll (\$K/Year): | 20,641 |
| Total Enlisted Employees: | 6,875 | Communications (\$K/Year): | 3,734 |
| Total Student Employees: | 6,476 | BOS Non-Payroll (\$K/Year): | 64,697 |
| Total Civilian Employees: | 3,810 | BOS Payroll (\$K/Year): | 57,385 |
| Mil Families Living On Base: | 70.7% | Family Housing (\$K/Year): | 21,604 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.93 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 11,681 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 0 | Activity Code: | 21405 |
| Enlisted VHA (\$/Month): | 0 | | |
| Per Diem Rate (\$/Day): | 66 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT LEE, VA

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 751 | RPMA Non-Payroll (\$K/Year): | 10,050 |
| Total Enlisted Employees: | 2,312 | Communications (\$K/Year): | 4,166 |
| Total Student Employees: | 4,658 | BOS Non-Payroll (\$K/Year): | 16,128 |
| Total Civilian Employees: | 3,057 | BOS Payroll (\$K/Year): | 24,140 |
| Mil Families Living On Base: | 66.0% | Family Housing (\$K/Year): | 9,871 |
| 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): | 5,224 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 44 | Activity Code: | 51375 |
| Enlisted VHA (\$/Month): | 80 | | |
| Per Diem Rate (\$/Day): | 70 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT LEONARD WOOD, MO

| | | | |
|--------------------------------|--------|-------------------------------|--------|
| Total Officer Employees: | 592 | RPMA Non-Payroll (\$K/Year): | 17,391 |
| Total Enlisted Employees: | 3,458 | Communications (\$K/Year): | 1,481 |
| Total Student Employees: | 8,927 | BOS Non-Payroll (\$K/Year): | 26,644 |
| Total Civilian Employees: | 1,981 | BOS Payroll (\$K/Year): | 19,014 |
| Mil Families Living On Base: | 100.0% | Family Housing (\$K/Year): | 17,218 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 1.10 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 8,246 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 0 | Activity Code: | 29995 |
| Enlisted VHA (\$/Month): | 0 | | |
| Per Diem Rate (\$/Day): | 66 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT MCCLELLAN, AL

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 400 | RPMA Non-Payroll (\$K/Year): | 8,008 |
| Total Enlisted Employees: | 1,771 | Communications (\$K/Year): | 1,833 |
| Total Student Employees: | 4,227 | BOS Non-Payroll (\$K/Year): | 16,521 |
| Total Civilian Employees: | 1,221 | BOS Payroll (\$K/Year): | 20,246 |
| Mil Families Living On Base: | 33.2% | Family Housing (\$K/Year): | 2,921 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.76 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 5,839 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 0 | Activity Code: | 55425 |
| Enlisted VHA (\$/Month): | 0 | | |
| Per Diem Rate (\$/Day): | 68 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT MONROE, VA

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 567 | RPMA Non-Payroll (\$K/Year): | 5,194 |
| Total Enlisted Employees: | 282 | Communications (\$K/Year): | 1,869 |
| Total Student Employees: | 31 | BOS Non-Payroll (\$K/Year): | 1,822 |
| Total Civilian Employees: | 1,581 | BOS Payroll (\$K/Year): | 12,862 |
| Mil Families Living On Base: | 28.9% | Family Housing (\$K/Year): | 2,519 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.86 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 1,514 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 199 | Activity Code: | 51360 |
| Enlisted VHA (\$/Month): | 129 | | |
| Per Diem Rate (\$/Day): | 104 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT RUCKER, AL

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|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 1,213 | RPMA Non-Payroll (\$K/Year): | 11,654 |
| Total Enlisted Employees: | 1,925 | Communications (\$K/Year): | 5,011 |
| Total Student Employees: | 2,087 | BOS Non-Payroll (\$K/Year): | 18,183 |
| Total Civilian Employees: | 2,601 | BOS Payroll (\$K/Year): | 55,767 |
| Mil Families Living On Base: | 52.2% | Family Housing (\$K/Year): | 6,952 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.78 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 6,071 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 0 | Activity Code: | 1251 |
| Enlisted VHA (\$/Month): | 0 | | |
| Per Diem Rate (\$/Day): | 69 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT SAM HOUSTON, TX

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 1,731 | RPMA Non-Payroll (\$K/Year): | 12,897 |
| Total Enlisted Employees: | 2,971 | Communications (\$K/Year): | 4,563 |
| Total Student Employees: | 4,866 | BOS Non-Payroll (\$K/Year): | 44,553 |
| Total Civilian Employees: | 4,817 | BOS Payroll (\$K/Year): | 29,704 |
| Mil Families Living On Base: | 25.2% | Family Housing (\$K/Year): | 10,171 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.87 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 5,468 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 153 | Activity Code: | 48265 |
| Enlisted VHA (\$/Month): | 111 | | |
| Per Diem Rate (\$/Day): | 111 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | No |

Name: FORT SILL, OK

| | | | |
|--------------------------------|--------|-------------------------------|--------|
| Total Officer Employees: | 1,297 | RPMA Non-Payroll (\$K/Year): | 30,025 |
| Total Enlisted Employees: | 9,613 | Communications (\$K/Year): | 3,162 |
| Total Student Employees: | 6,755 | BOS Non-Payroll (\$K/Year): | 57,832 |
| Total Civilian Employees: | 2,568 | BOS Payroll (\$K/Year): | 37,934 |
| Mil Families Living On Base: | 19.8% | Family Housing (\$K/Year): | 12,633 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.38 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 12,201 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 0 | Activity Code: | 40755 |
| Enlisted VHA (\$/Month): | 0 | | |
| Per Diem Rate (\$/Day): | 71 | Homeowner Assistance Program: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | |

Name: PRESIDIO OF MONTEREY, CA

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 86 | RPMA Non-Payroll (\$K/Year): | 2,214 |
| Total Enlisted Employees: | 322 | Communications (\$K/Year): | 1,040 |
| Total Student Employees: | 2,993 | BOS Non-Payroll (\$K/Year): | 6,061 |
| Total Civilian Employees: | 1,308 | BOS Payroll (\$K/Year): | 10,591 |
| Mil Families Living On Base: | 8.0% | Family Housing (\$K/Year): | 10,591 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 1.24 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 1,755 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 363 | Activity Code: | 6303 |
| Enlisted VHA (\$/Month): | 272 | Homeowner Assistance Program: | No |
| Per Diem Rate (\$/Day): | 111 | Unique Activity Information: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | | |

PROFESSIONAL SCHOOLS

Name: CARLISLE BARRACKS, PA

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 185 | RPMA Non-Payroll (\$K/Year): | 2,413 |
| Total Enlisted Employees: | 222 | Communications (\$K/Year): | 1,538 |
| Total Student Employees: | 334 | BOS Non-Payroll (\$K/Year): | 4,693 |
| Total Civilian Employees: | 760 | BOS Payroll (\$K/Year): | 10,304 |
| Mil Families Living On Base: | 54.1% | Family Housing (\$K/Year): | 2,841 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 0.98 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 1,763 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 129 | Activity Code: | 42155 |
| Enlisted VHA (\$/Month): | 77 | Homeowner Assistance Program: | No |
| Per Diem Rate (\$/Day): | 109 | Unique Activity Information: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | | |

Name: FORT LEAVENWORTH, KS

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 1,651 | RPMA Non-Payroll (\$K/Year): | 10,190 |
| Total Enlisted Employees: | 549 | Communications (\$K/Year): | 2,166 |
| Total Student Employees: | 2,071 | BOS Non-Payroll (\$K/Year): | 3,254 |
| Total Civilian Employees: | 1,745 | BOS Payroll (\$K/Year): | 31,814 |
| Mil Families Living On Base: | 49.7% | Family Housing (\$K/Year): | 11,648 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 1.06 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 4,053 | CHAMPUS Shift to Medicare: | 0.0% |
| Officer VHA (\$/Month): | 96 | Activity Code: | 20395 |
| Enlisted VHA (\$/Month): | 47 | Homeowner Assistance Program: | No |
| Per Diem Rate (\$/Day): | 101 | Unique Activity Information: | No |
| Freight Cost (\$/Ton/Mile): | 0.07 | | |

Name: FORT McNAIR, DC

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 258 | RPMA Non-Payroll (\$K/Year): | 2,462 |
| Total Enlisted Employees: | 315 | Communications (\$K/Year): | 0 |
| Total Student Employees: | 494 | BOS Non-Payroll (\$K/Year): | 8,897 |
| Total Civilian Employees: | 1,418 | BOS Payroll (\$K/Year): | 4,583 |
| Mil Families Living On Base: | 7.9% | Family Housing (\$K/Year): | 10,170 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 1.030 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 913 | CHAMPUS Shift to Medicare: | 0.00 |
| Officer VHA (\$/Month): | 462 | Activity Code: | 11605 |
| Enlisted VHA (\$/Month): | 332 | | |
| Per Diem Rate (\$/Day): | 115 | Homeowner Assistance Program: | NO |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | NO |

Name: WEST POINT MILITARY ACADEMY, NY

| | | | |
|--------------------------------|-------|-------------------------------|--------|
| Total Officer Employees: | 881 | RPMA Non-Payroll (\$K/Year): | 10,640 |
| Total Enlisted Employees: | 1,387 | Communications (\$K/Year): | 0 |
| Total Student Employees: | 4,217 | BOS Non-Payroll (\$K/Year): | 36,176 |
| Total Civilian Employees: | 3,023 | BOS Payroll (\$K/Year): | 24,117 |
| Mil Families Living On Base: | 97.5% | Family Housing (\$K/Year): | 13,179 |
| Civilians Not Willing To Move: | 6.0% | Area Cost Factor: | 1.230 |
| Officer Housing Units Avail: | 0 | CHAMPUS In-Pat (\$/Visit): | 0 |
| Enlisted Housing Units Avail: | 0 | CHAMPUS Out-Pat (\$/Visit): | 0 |
| Total Base Facilities(KSF): | 7,394 | CHAMPUS Shift to Medicare: | 0.00 |
| Officer VHA (\$/Month): | 473 | Activity Code: | 36993 |
| Enlisted VHA (\$/Month): | 214 | | |
| Per Diem Rate (\$/Day): | 80 | Homeowner Assistance Program: | NO |
| Freight Cost (\$/Ton/Mile): | 0.07 | Unique Activity Information: | NO |