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**DATA CALL 66  
INSTALLATION RESOURCES**

**Activity Information:**

Activity Name:	Marine Corps Base Hawaii
UIC:	00318
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).**

This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add

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additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

<b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b>			
<b>Activity Name: Marine Corps Base Hawaii</b>			<b>UIC: 00318</b>
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Maintenance and Repair	4,760	5,023	9,783
1b. Minor Construction	578	0	578
<b>1c. Sub-total 1a. and 1b.</b>	<b>5,338</b>	<b>5,023</b>	<b>10,361</b>
<b>2. Other Base Operating Support Costs:</b>			
2a. Utilities	5,404	499	5,903
2b. Transportation	384	2,157	2,541
2c. Environmental	1,247	1,093	2,340
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	345	2,124	2,469
2f. Bachelor Quarters	45	359	404
2g. Child Care Centers	86	692	778
2h. Family Service Centers	30	467	497
2i. Administration	114	2,907	3,021

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2j. Other (Specify) Which include the following:  Communication Other Base Svc Ops Security Training Supply Legal General Engr Svcs	5,319	26,451	31,770
<b>2k. Sub-total 2a. through 2j:</b>	12,974	36,749	49,723
<b>3. Grand Total (sum of 1c. and 2k.):</b>	18,312	41,772	60,084

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**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
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N/A

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 2I., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

N/A

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<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
<b>Activity Name:</b>		<b>UIC:</b>	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Real Property Maintenance (>\$15K)	N/A	N/A	N/A
1b. Real Property Maintenance (<\$15K)	N/A	N/A	N/A
1c. Minor Construction (Expensed)	N/A	N/A	N/A
1d. Minor Construction (Capital Budget)	N/A	N/A	N/A
<b>1c. Sub-total 1a. through 1d.</b>	N/A	N/A	N/A
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office	N/A	N/A	N/A
2b. ADP Support	N/A	N/A	N/A
2c. Equipment Maintenance	N/A	N/A	N/A
2d. Civilian Personnel Services	N/A	N/A	N/A
2e. Accounting/Finance	N/A	N/A	N/A
2f. Utilities	N/A	N/A	N/A
2g. Environmental Compliance	N/A	N/A	N/A
2h. Police and Fire	N/A	N/A	N/A
2i. Safety	N/A	N/A	N/A
2j. Supply and Storage Operations	N/A	N/A	N/A
2k. Major Range Test Facility Base Costs	N/A	N/A	N/A
2l. Other (Specify)	N/A	N/A	N/A
<b>2m. Sub-total 2a. through 2l:</b>	N/A	N/A	N/A
<b>3. Depreciation</b>	N/A	N/A	N/A
<b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>	N/A	N/A	N/A

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**2. Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name: MCBH (Does not include FamHsg)</b>	<b>UIC: M00318</b>
<b>Cost Category</b>	<b>FY 1996 Projected Costs (\$000)</b>
<b>Travel:</b>	464
<b>Material and Supplies (including equipment):</b>	8522
<b>Industrial Fund Purchases (other DBOF purchases):</b>	0
<b>Transportation: * See Table 1A</b>	0
<b>Other Purchases (Contract support, etc.):</b>	9,326
<b>Total:</b>	18,312

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**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be performed "on base" in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name:</b> Marine Corps Base Hawaii	<b>UIC:</b> 00318
<b>Contract Type</b>	<b>FY 1996 Estimated Number of Workyears On-Base</b>
Construction:	530
Facilities Support:	85
Mission Support: Mess Attendant	64
Procurement:	N/A
Other:*	0
<b>Total Workyears:</b>	<b>679</b>

\* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

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**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

	Assume 60% of contractors work yrs will be
<b>Construction</b>	relocated & 40% remains
	(.6) (530) = 318 work yrs
<b>Facilities Support</b>	.6 x 85 = 51
<b>Mission Support</b>	14

2) Estimated number of workyears which would be eliminated:

<b>Construction</b>	<b>0</b>
<b>Facilities Support</b>	<b>0</b>
<b>Mission Support</b>	<b>50</b>

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

<b>Construction</b>	<b>(.4) (530) = 212 work yrs</b>
<b>Facilities Support</b>	<b>.4 x 85 = 34</b>
<b>Mission Support</b>	<b>0</b>

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**c. "Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
2	Analyses (asbestos, lead base paint, etc)

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

## BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DATA CALL: 66

ACTIVITY: MCB HAWAII

PAGE (S): ALL

BSWG REVIEW OFFICIAL

**W. J. WALLENHORST**  
~~MCB Hawaii~~  
NAME (Please type or print)  
Fiscal Division

Title

  
Signature  
1 OCT 1994  
Date

MCB HAWAII  
DATA CALL 66

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

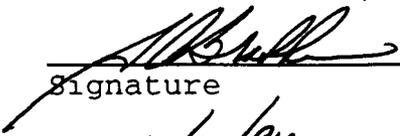
\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME J. A. BRADHAM  
~~J. A. BRADHAM~~  
DEPUTY CHIEF OF STAFF FOR  
INSTALLATIONS AND LOGISTICS

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

10/21/94  
\_\_\_\_\_  
Date

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**DATA CALL 63  
FAMILY HOUSING DATA**

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

<b>Installation Name:</b>	Marine Corps Base Hawaii
<b>Unit Identification Code (UIC):</b>	00318
<b>Major Claimant:</b>	U. S. Marine Corps

<b>Percentage of Military Families Living On-Base:</b>	63% Based on projected requirements provided by MARFORPAC Force Engineer
<b>Number of Vacant Officer Housing Units:</b>	0
<b>Number of Vacant Enlisted Housing Units:</b>	0
<b>FY 1996 Family Housing Budget (\$000):</b>	\$18.3 M (Proposed in Deconsolidation Proposal briefed in Dep Sec Def)
<b>Total Number of Officer Housing Units:</b>	374 (Includes MCBH Kaneohe Bay, Camp Smith, Manana)
<b>Total Number of Enlisted Housing Units:</b>	1721

\* An additional 276 units of section 802 Housing is available for Enlisted although privately owned, located on base.

**Note:** All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

Enclosure (1)

DATA CALL 63 for MCB HAWAII

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

H. C. STACKPOLE III  
NAME (Please type or print)  
COMMANDER  
Title  
HQ, MARFORPAC  
Activity

*H. C. Stackpole III*  
Signature  
6 July '94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)  
\_\_\_\_\_  
Title  
\_\_\_\_\_  
Activity

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Date

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print)  
\_\_\_\_\_  
Title  
\_\_\_\_\_  
Activity

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

A. BRADHAM  
NAME (Please type or print)  
LIEUTENANT GENERAL, U.S. MARINE CORPS  
DEPUTY CHIEF OF STAFF FOR  
Title INSTALLATIONS AND LOGISTICS

*A. Bradham*  
Signature  
8/2/94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

C. D. KUHN, JR.  
NAME (Please type or print)

  
Signature

Commanding General  
Title

5 July 1994  
Date

\_\_\_\_\_  
Division

\_\_\_\_\_  
Department

MCBH Kaneohe Bay, Hawaii

Activity  
Data Call #63

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12 MAY 1994

**MILITARY VALUE ANALYSIS:  
DATA CALL WORK SHEET FOR  
U.S. MARINE CORPS BASES: MARINE CORPS BASE HAWAII, KANEOHE BAY**

**Category ..... Operational Support  
Sub-category ..... Marine Corps Bases  
Claimant..... CMC**

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

**MARINE CORPS BASE LISTING:**

<b>Name</b>	<b>Location</b>
MCB CAMP LEJEUNE	CAMP LEJEUNE NC
MCB CAMP PENDLETON	CAMP PENDLETON CA
MCB HAWAII	KANEOHE HI

**DATA CALL WORK SHEET FOR MARINE CORPS BASE \_\_\_\_\_**  
**(Data for Military Value Analysis)**

**Mission Area**

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- b. Operations ..... Page 8
- c. General Military Support ..... Page 14
- d. Other Support ..... Page 17

**Facilities**

- e. Training Facilities ..... Page 20
- f. Special Military Facilities. .... Page 21
- g. Non-DON Support Arrangements ..... Page 24

**Location**

- h. Proximity to Operational Mission Areas ..... Page 28
- i. Proximity to Ports of Embarkation ..... Page 30
- j. Proximity to Other Support Facilities ..... Page 31
- k. Proximity to Major Transportation Node ..... Page 31

**Features and Capabilities**

- l. Contingency and Mobilization Features ..... Page 32
- m. Weather ..... Page 39
- n. QOL Factors ..... Page 41

**DATA CALL FOR MARINE CORPS BASE**  
(Data for Military Value Analysis)

Mission Area

**A. Mission Suitability**

1. How many acres does the base encompass?

Main site (owned) 2,950 acres

Off site (owned)

Pearl City Annex (whse use) 27 acres

Molokai (trng spt fac) 12 acres

Waikane Valley 200 acres

Camp H. M. Smith 220 acres

Manana Housing Area 62 acres

Puuloa Training Area 137 acres

Off site (leased, training)

Molokai 11,769 acres

Off site (ISSA/MOU, training)

Bellows AFB 586 acres

Schofield Barracks TA 1,200 acres

Schofield Complex (West) 7,228 acres

Hawaii, POHAKULOA (Maneuver areas) 108,863 acres

USASCH, Kahuku/Kawailoa 23,374 acres

USASCH, East Range 4,695 acres

USASCH, MAKUA 3,040 acres

Dillingham Military Res/Mokuleia Beach 549 acres

Barking Sands Missile Range 2,046 acres

2. How many miles of beach are available at the base?

3.38 miles of beach.

3. What percent of the beach is suitable for amphibious assault training? (No environmental restrictions)

4.6%. This includes designated for landings of either Assault Amphibian Vehicles (AAVs) or Landing Craft Air-Cushioned (LCACs).

4. How large (acres) is the maneuver area behind the amphibious assault beach?

Ft. Hase Beach - 1.92 acres  
 Hale Koa Beach - 0.51 acres

Pyramid Rock Beach - 0.95 acres  
 Hangar 101 area - 0.37 acres

5. For those beaches that are suitable for amphibious assaults complete the following table.

Assault Beach Name	Size ( length in yds)	Restrictions				Do restrictions apply to ground(G) air(A) or both(GA)
		natural	man-made	environment	other	
<i>BLUE BCH</i>	<i>3000 YDS</i>			X		G
Ft. Hase	165	X				G
Hale Koa	363			X		G
Pyramid Rock	109	X				G
Hangar 101	138		X			GA

6. Briefly describe the restrictions identified in the question above.

Brief description of restrictions outlined in table above:

Ft. Hase - Natural restriction refers to variable sea state.

Hale Koa - Environmental restriction refers to sensitive coral reef formations and presence of threatened green turtles in offshore waters possibly causing time and approach path alterations in routing of landings during training.

Pyramid Rock - Natural restriction refers to variable sea state.

Hangar 101 - Man-made restriction refers to coordinating surface water/ground landings around helicopter launch pad activity nearby.

6.a. What restrictions apply for landing force **penetrating to the maneuver areas** from the beaches? Briefly describe.

N/A

7. How large(acres) are the indirect live fire areas that are used to support the amphibious assault training? Include live firing on off-lying islands or to seaward, but distinguish between them. N/A.

8. How large in square miles is the sea echelon area for the maneuver of assault shipping and naval sea-control forces?

N/A

9. List the special use airspace(MOAs, CFAs, restricted airspace, air combat maneuver range, warning areas) that are associated with the Marine Corps Base.

Name	Size	Type	Distance from MCB	Controlling Agency	Restrictions
R3103	10x10 mi	Restricted	163 mi	FAA, Honolulu CERAP	None
A-311	5x15 mi	Alert	10 mi	Lightning	None
W-190	28x40 mi	Warning	35 mi	FAA, Honolulu CERAP	None
W-189	90x60 mi	Warning	20 mi	FAA, Honolulu CERAP	None
W-186	38x28 mi	Warning	110 mi	FAA, Honolulu CERAP	None

10. List the air delivered ordnance impact areas located at or associated with the Marine Corps Base.

Name	Size (LxW )yds/Acres	Distance from assault beaches, maneuver areas (yds) or the MCB (mi)	Restrictions
R-3107	10x10 mi	163 mi from MCB	See Note

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\*NOTE: Inert/Illum entire year. Machine gun and cannon fire not allowed 1 Nov - 1 May due to Humpback Whale migration. \*Waivers available.

10.a. How many artillery firing points are in service at the Marine Corps base? None.

10.b. List the restrictions and limitations on indirect fire at the Marine Corps base.

Limited to 60mm mortars only.

10.c. List those maneuver areas where live fire is permitted.

Ulupau Crater Range  
 Pohakuloa Training Area  
 Schofield Barracks Training Ranges

11. How many helicopter tactical landing zones, confined area landing zones and drop zones are available on the Marine Corps Base? 3

11.a. Complete the following table for all training areas considered unusable (i.e., overgrown, impassable, etc.).

Training Area	Unusable Acres	Reason Unusable
None		

11.b. List the training areas where availability or use is limited by concurrent use of another training area or facility (i.e., proximity of live fire range, an LZ within a larger training area, etc.).

Training Area	Limitation(s) on Use or Availability
None	

11.c For **each** training area with environmental restriction, describe the restriction, the impact on training, and any mitigation required.

<b>TRAINING AREA:</b> Puuloa Rifle Range
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**RESTRICTION:** Impact berm required to prevent rounds from impacting ocean.

**IMPACT ON TRAINING:** Possible range closure if impact berm is not built.

**MITIGATION REQUIRED:** Construct rifle range impact berm.

11.d. Are all your training areas/ranges (including assault beaches, sea echelon areas, and live fire areas) outlying maneuver areas and airspace, actively managed (scheduled, controlled or coordinated) by the Marine Corps Base? List those that are not controlled by you.

Yes. None.

11.e. List other service training ranges (including assault beaches, sea echelon areas and live firing areas), outlying maneuver areas, and airspace that are actively managed (scheduled, controlled or coordinated) by the Marine Corps base.

Name	Location of Training Asset	Managed By
Molokai Training Support Facility	Molokai	MCBH Kaneohe
Ulupau Crater Ranges	MCBH Kaneohe	MCBH Kaneohe
Ft. Hase Beach	MCBH Kaneohe	MCBH Kaneohe
West Field	MCBH Kaneohe	MCBH Kaneohe
Boondocker Training Area	MCBH Kaneohe	MCBH Kaneohe
Bellows Beach	Bellows AFS	MCBH Kaneohe
Pohakuloa Training Area	Hawaii	Co-managed w/US Army
PMRF Barking Sands	Kauai	MCBH Kaneohe

11.f. List other installations (DOD and non-DOD) that could be considered for performing these duties.

None.



12.a. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 90?

TRAINING EXERCISE DATA FY-90

Type of Exercise	Frequency	Number of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW		Number of Craft
PTA 1-90	1	-	1200	12	0	12	12	0
PTA COMMEX 2-90	1	0	1200	12	0	12	12	0
Aloha Blitz 1-90	1	0	1200	0	0	12	12	0
Aloha Blitz 2-90	1	0	1200	0	0	12	12	0
RIMPAC 90	1	8-15	700	0	0	*	*	0
SOCEX**	Bi-Annual							

\* Unavailable.

\*\* NOTE: Participation data not available.







14. List the major exercises (ie. battalion and larger MAGTF exercises) occurring at the Marine Corps base or outlying facilities for FY 94?

TRAINING EXERCISE DATA FY-94

Type of Exercise	Frequency	Number of Ships	Number of Troops	Number of Artillery	Number of Tanks	Number of Hcpt/FW	Number of Craft
MAGTF Live-Fire Ex 1-94	Semi-Annual	2	2600	12	0	6/0	0
MAGTF Amphib Ex	Semi-Annual	1	600	6	0	6/0	N/A
RIMPAC	Bi-Annual	20	1800	0	0	18/0	4
SOCEX	Bi-Annual	0	320	0	0	6/4*	N/A
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\*NOTE: Fixed wing include (2) C-141s and (2) RF-4s.

### C. GENERAL MILITARY SUPPORT

15. Does this Marine Corps base (base personnel) have a role in national coastal defense or any other war or peace time defense plans (i.e. civil disturbance, etc.)? If so, explain. Yes. We are the APOE to support flow of forces in the western Pacific Theater of operations. Additionally, the following is germane:

(1) Forward deployment of USMC assets to be used in conjunction with III MEF assets for power projection in the Pacific Theater.

(2) Disaster relief operations in the Pacific Theater.

(3) MARDEZ - MCBH supports MARDEZ/ADIZ Plans/Operations with AJR/SEA/ATC/Weather Support.

15.a Over the foreseeable future, are these mission requirements expected to decrease, increase, or remain the same?

Remain the same.

15.b List all other regional installations (DoD and Non-DoD) that could potentially support these military operations.

N/A

16. Does this Marine Corps base directly support military surveillance operations (e.g., ocean surveillance to seaward)? If so, provide details. Possible future mission if BRAC 93 decision to station USN VP P-3 squadrons at this installation.

16.a Over the foreseeable future, are these mission requirements expected to decrease, increase, or remain the same?

Increase.

16.b List all other regional installations (DoD and Non-DoD) that could potentially support these military operations.

**Hickam AFB**

**Honolulu Int'l Airport**

**Barber's Point (slated f/closure by BRAC 94)**

17. Does this Marine Corps base directly support a military or civilian law enforcement or area control and surveillance mission (i.e., FACSFAC, FAA, FBI support, etc.)? If so, provide details.

(a) Yes.

(b) Per MOU between the State of Hawaii, Department of Public Safety (DPS) and Marine Corps Air Station, Kaneohe Bay, Hawaii, this base provides berthing for a

Department of Public Safety (DPS) boat to patrol the windward side of the island of Oahu. In addition, the DPS has requested that this base provide them with office and parking spaces. This is currently under consideration.

(1) This mission is expected to remain the same over the foreseeable future.

(2) No other regional installations could potentially support this mission.

(c) This base provides ongoing narcotics qualified military working dog support to the U.S. Customs Service as dictated by Headquarters, U.S. Marine Corps.

(1) This mission is expected to remain the same over the foreseeable future.

(2) Hickam AFB and Schofield Barracks Army Base could potentially support this mission.

(d) This base conducts intermittent cooperative training with numerous DoD and civilian law enforcement agencies which includes use of range facilities.

(1) This mission is expected to increase over the foreseeable future.

(2) No other regional installations could potentially support this mission.

17.a. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

See 17.

17.b List all other regional installations (DoD and Non-DoD) that could potentially support this mission.

See 17.

18. Describe the role that this Marine Corps base plays in the Logistics Support and Mobilization Plan (LSMP)?

MCBH Kaneohe is the primary presaging area for air and sea embarkation of personnel and equipment for Hickam AFB, Pearl Harbor and MCBH Kaneohe.

18.a. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

Remain the same.

18.b. List all other installations (DoD and Non-DoD) that could potentially support this mission.

None.

19. List all aviation units (DOD and Non-DOD) that train at this Marine Corps base.

Air Unit	Training Performed / Facilities Used (billeting, ranges, etc.)
HMM-364	Assault support, Bradshaw AAF, R-3103, Molokai Training Area, A-311, W-190, W-189, PMRF Barking Sands W-186
HMM-265	Assault Support, Bradshaw AAF, Same As Above
HMM-165	Assault Support, Bradshaw AAF, Same As Above
HMM-463	Assault Support, Bradshaw AAF, Same As Above

20. List all the assault craft units that train at this Marine Corps base.

Assault Craft Unit	Training Performed / Facilities Used (billeting, ranges, etc)
AAV Det/1st MEB	Amphibious Assault/Troop Lift/Local
CRCs/1st MEB	Amphibious Assault/Recon & Surveillance/Safety Craft/Local
LAV/Det 1st RADB	Electronic Support/Local & Deploys with 11th/13th/15th MEU
LCACs/11th/13th/15th MEU	Amphibious Assault/Logistic Spt/Local
LCUs/11th/13th/15th MEU	Amphibious Assault/Logistic Spt/Local

21. List all aviation reserve units that train at this Marine Corps base.

Air Reserve Unit	Training Performed/ Facilities Used (billeting, ranges, etc)
None	

**D. OTHER SUPPORT**

22. List any other Non-DON military support missions currently conducted at/from this Marine Corps Base not listed above. (Army communications unit, TRANSCOM Terminal, etc.)

(1) MCBH Kaneohe Bay is primary port of entry for all USMC aircraft "transmitting to and returning" from WestPac. U. S. Customs have leased facilities aboard Base.

(2) MCBH Kaneohe Bay is the primary layover/refueling point for USMC aviation in search and seizure methods.

(3) Waterfront operations train twice a year with Coast Guard and State Law Enforcement agencies in search and seizure methods.

22.a. Are any new military missions planned for this Marine Corps Base?

BRAC 93 closure of NAS Barber's Point called for stationing of USN VP squadrons aboard this installation.

22.b. Does the Marine Corps base or its tenants have any **requirements to support training** of Coast Guard or Drug Interdiction forces.

Yes. BRAC 93 closure of NAS Barber's Point will require repositioning of USCG assets in Hawaii (3 C-130s, 3 HH-65s) to this installation.

23. Does the base or the resident commands have a role in a disaster assistance plan, search, and rescue or local evacuation plan? (forest fire fighting, natural disaster, etc.) If so, describe.

(1) The Weather Service Officer is the Marine Corps Representative on the Environmental Group, U. S. Pacific Command. This group plays a vital role in disaster preparedness as it applies to hazardous and destructive weather (thunderstorms,

flash floods, hurricanes, tornadoes, tsunami, etc.).

(2) In accordance with the Mutual Aid Fire Fighting Agreement #FB5260 MOUI-3003 between U. S. Armed Forces and City and County of Honolulu, MCBH Kaneohe is to assist in potential conflagration and disaster hazards which are conceivably beyond the capabilities of the City and County Fire Fighting Force.

(3) In accordance with ASO 3750.1H, when a mishap occurs at a location where it cannot be handled expeditiously by the reporting custodian, the nearest Air Activity will furnish the necessary fire-fighting, rescue, support and facilities.

(4) When requested by the Coast Guard, MCBH Kaneohe Bay provides Search and Rescue assets. Additionally, MCBH is the primary waterborne facility for containment of oil spills and/or hazardous spills on Windward Oahu.

(5) In accordance with COMNAVBASEPEARLINST 3440.7A, the CG MCBH will be directed by CG, FMFPAC/COMMARCORBASESPAC to coordinate with COMNAVBASE Pearl and Marine Corps Activities (except Marine Barracks) Hawaii, providing Disaster response and relief to Civilian agencies. Services that can be offered are: (4) HH-46D Search and Rescue Helicopters, (1) UC-12B Twin-Turboprop aircraft, (1) 42 foot Boat (Surface SAR/Oil spill control). MCBH possesses the capability to transfer these assets to any neighbor island. The above mentioned HH-46Ds and C-12 aircraft are scheduled for reassignment to other off-island organizations and installations during June 1994.

(6) Assist in international disaster relief utilizing communication capabilities, heavy equipment assets, AMC airlift, MPF shipping (validated by Typhoon Omar 1992, Operation Freedom Banner (1990).

24. Does the Marine Corps base provide any direct meteorological support to local civilian, governmental or military agencies? If so, describe.

In accordance with NAVOCEANCOMINST 3140.1, the Weather Service Branch is tasked to provide 24 hour environmental support to all host and tenant activities. MCBH Kaneohe Bay is the only 24 hour meteorological reporting station on this side of the island. Weather Observations are taken 24 hours a day and are entered into the National Data Base for use by the National Data Base. Our data, on pending severe weather, is shared with the local National Weather service to help them formulate warnings and advisories for the local populace. The surf observation program was started in 1973 when MCBH Kaneohe received a formal request from the National Weather Service (NWS). The NWS was

contacted again on 31 August 1992 to ascertain if this data is still required. Mr. Ken Hazemoto of the NWS stated that this information is vital in formulating sea and surf forecasts.

25. Does this Marine Corps **base** currently have any special non-DoD or civilian **support**

role (i.e., counter-drug, scientific support, etc.)? If so, describe.

Yes. This base provides docking for a U.S. Customs Service boat in support of undercover operations.

This base provides office/laboratory space in support of University of Hawaii scientific studies in marine biology conducted at Coconut Island. In addition, veterinary care is provided on an emergency basis by the veterinary clinic located aboard this base.

26. Are any new civilian or other non-DoD missions planned for this base? If so, describe.

BRAC 93 closure of NAS Barber's Point will require the repositioning of USCG assets in Hawaii (3 C-130s, 3 HH-65s) to this base.

## H. TRAINING FACILITIES

27. List the training areas, ranges and facilities, that rotary wing, fixed-wing aviation and air command and control units (specify) use for training at this Marine Corps base.

Aviation Unit Type:

Training Facility	Type of Training
Molokai	NVG/TERF, Tactical Troop Lifts, Resupply
Pohakuloa Training Area	Troop Lifts, Resupply
Bellows AFS	Tactical Troop Lifts
R-3103	Ordnance Delivery (.50 cal)
R-3107	Ordnance Delivery (.50 cal)
TMTA	TERF/NVG, Troop Lifts, CALS, MALS

28. Is MPS offload training performed **at this Marine Corps Base**? List the training areas, beaches, and port terminals(if any) that are used and state type of training and frequency.

Training Facility	Type of Training	Frequency
At Kawainae Harbor, Big Island	MPF Instream/Offload	Annual
Honolulu Harbor	Op Training	Twice this yr./not forecast for next year.

29. List all specialized training simulators that are permanently (not mobile) installed in a facility that is located at or near the Marine Corps base.

Type	Purpose	Location
CAST Facility	Combined Arms Staff Training. Only one in Hawaii.	MCBH Kaneohe
TSFO Facility	Set Fire Observation Training. Only one in Hawaii.	MCBH Kaneohe

MILES EQ	M16A2 Laser Simulation, also available at Schofield Barracks.	MCBH Kaneohe
PGTS Simulators	Tow & Dragon Weapons Sys Trng. Only ones in Hawaii.	MCBH Kaneohe
Radar Approach Control	Simulated Trng for Radar Approach. Only one in Hawaii.	MCBH Kaneohe
Steelthrust	Marine Corps Wargame Trng. Only one in Hawaii.	MCBH Kaneohe

**I. SPECIAL MILITARY FACILITIES**

30. What landing craft, barge, and pontoon maintenance facilities are located at the base?

Craft Maintenance Facility	Major Capabilities
N/A	

31. List all facilities and equipment that provide a special capability to military operations (e.g., radar, communications, command and control, oceanographic facilities) at the installation.

Type of Facility/ Equipment	Operational Mission

<p>Communications  FIDO SYS  AN/FSA-47  AN/GRC-171  AN/GRC-211  AN/GRR-23  &amp;24  AN/GRT-21  &amp;22  AN/URC-101  OA-7621(V)  /FSA-52  OJ-314(V)  /FSC  RD-379(V)  /UNH  TP-1710/  DAIR  Emergency  Communications</p>	<p>Support airfield operations.</p> <p>Flight Data Input/Output (FIDO) System  Transfer &amp; Control Group  VHF Transceiver  UHF Transceiver  VHF &amp; UHF Receivers</p> <p>VHF &amp; UHF Transmitters</p> <p>VHF &amp; UHF Transceiver  Land Line Telephone Control</p> <p>Communications Console Control Group</p> <p>Communications Recorder</p> <p>Radar Video Recorder</p> <p>Support the Marine Corps Emergency Radio Network and the Base disaster control communications.</p>
<p>HF &amp; VHF  Radio System  Navigational  Aids  AN/FRN-39  AN/URN-25  ND200S</p>	<p>Support airfield operations</p> <p>Radio Beacon - Automated Terminal Information Sys (ATIS)  Tactical Air Navigational System (TACAN)  Low Frequency Beacon</p>
<p>Radar Systems   AN/FPN-63(V)  AN/GPN-27  AN/TPX-42(V)  5  AN/UYX-1(V)  FA-8970  ROF</p>	<p>Support airfield operations</p> <p>Precision Approach Radar  Airport Surveillance Radar  Direct Altitude Identity Readout (DAIR)</p> <p>Bright Radar Alph-Numeric Display System (BRANDS)  Video Mapper  Radar Operational Facility</p>
<p>Weather Sys   ASOS  EFM-1  NEXRAD  WX-120</p>	<p>Support airfield operations</p> <p>Automated Surface Observation System  Electric Filed Mill  Next Generation Weather Radar  Weather Mapping System</p>

CAMP SMITH LOCATION

Type of Facility/ Equipment	Operational Mission
Command & Control Ctr	USCINCPAC
Command & Control Ctr	MARFORPAC
Integrates Data Communications Requirements for Marine Forces in the Pacific	System Integration Hub
Terminal	MILSTAR

## J. NON-DON SUPPORT AGREEMENTS

32. List all inter-service arrangements (e.g., inter-service support agreements) that involve supporting military (non-DON) activities at the Marine Corps base.

Activity Name / Military Service	Nature of Support
15th Air Base Wing	Logistics support for PMO dogs
Bellows Air Force Station	Treat sewage sludge
Defense Commissary Agency	Tenant support, utilities
Defense Finance and Accounting Service (DFAS)	Tenant support
Defense Fuel Supply Center	Fuel storage
Defense Investigative Service	Office space and utilities
Defense Logistics Agency, Headquarters Det - Pacific	Office space and utilities
Military Traffic Management Command	Office space and utilities
National Security Agency Cryptological Support Service	Office space and utilities
Tripler Army Medical Center	Tenant support for research veterinarians
U.S. Army Support Command Hawaii (USASCH)	Maintenance and repair of Saluting Battery guns
U.S. Army Support Command Hawaii (USASCH)	Housing maintenance and utilities
Hawaii Air National Guard	Controller Training; Use Target Generation Device
Commissary and Exchange Services	Special entry procedures for foreign military VIPs
Joint Military Services in Hawaii	Mutual support for employing spouses in Hawaii
U.S. Army Corps of Engineers	802 Housing Project support

U. S. Coast Guard	On scene commander of fuel/oil spills in Kaneohe Bay
U. S. Coast Guard	Coordinated SAR

33. List all formal support agreements and other arrangements that involve supporting other governmental agencies (federal, state, local or international) or civilian activities at the Marine Corps base.

Activity / Sponsor / Government Affiliation	Nature of Support
National Park Service	Remove mangrove trees in wildlife management area on base
14th Coast Guard	Search and air rescue support
All Services	Disabled military vehicles, mutual wrecker service
Armed Forces YMCA	Office space and utilities
Bureau of Alcohol, Tobacco & Firearms	Between DoD and ATF for temporary storage or disposal of explosives
Department of Agriculture	Fruit fly rearing facility support, provide fuel
General Services Administration (MCBH at Camp Smith)	Provide fuel to vehicles
Hawaii Department of Education	(Public school on base) Student information placement
Hawaii Department of Public Safety	Berth patrol boat
Hawaii State Employment Service Administration & Department of Veterans Affairs	Classroom facilities
Parents Anonymous of Hawaii	Support group program and facilities
Veterans Administration	Counseling service to MCBH Military and Families
Windward Community Federal Credit Union	Office space and utilities

U.S. Customs Service	Radio repeater system on base
U.S. Customs Service	Berth customs boat
U.S. Marshals Service	Use of rifle and pistol ranges
Brigham Young University	Social Work Interns at MCBH
Chaminade University	Psychology Interns at MCBH
Hawaii Pacific University	Nursing interns and facilities (Camp Smith)
Honolulu Community College	Classrooms and radio operations
University of Arizona	Classrooms and equipment
University of Hawaii	Student Intern Program
University of Hawaii (Pending)	Office space for Hawaii Institute of Geophysics
Wayland Baptist University	Classrooms (Camp Smith)
City and County of Honolulu Police	Special weapons and tactics (SWAT) mutual support
Bank of Hawaii	Station use of the bank

**LOCATION**

34. What advantages are provided by the location of this base for:
- (1) ground force training,
  - (2) air support training (fixed-wing and helicopter),
  - (3) amphibious training,
  - (4) other unique Marine Corps or other service training?

Question (1) - (4) have been answered in detail in Data Calls 1, 16, 24, 33, 38 and 39. A combination of solid infrastructure, runway and aviation support facilities, proximity to adjacent training areas, and strategic mid-Pacific location are significant advantages of this base. Additionally, the historical success of Marine Air/Ground Task Forces originating from this location in support of the Commander-in-Chief Pacific's mission in the Western Pacific is significant.

34.a. List the location and distance to the nearest cargo rail terminal.

None in the State of Hawaii.

**K. PROXIMITY TO OPERATIONAL MISSIONS AREA**

35. What are the major seaports of embarkation for FMF units garrisoned at the base?

SEAPORTS OF EMBARKATION

Seaport	Distance (mi.)	Port limitations
Pearl Harbor	20	N/A

36. What special considerations (permits, congestion, etc.) affect movements of military

convoys to the SPOE?

Convoys are limited to "off peak" hours on the main cross-island highways, the Pali and the Likelike. However, when the H-3 Highway is completed (projected late 1994), it will provide a direct link between MCBH Kaneohe and Hickam/Pearl Harbor.

**L. PROXIMITY TO PORTS OF EMBARKATION**

37. What are the major aerialports of embarkation for FMF units garrisoned at the base?

AERIAL PORTS OF EMBARKATION

Airport	Distance (mi.)	Airport limitations
Hickam AFB	20	None
Barbers Pt	30	None
Honolulu Int'l Airport	20	Limited to 390,000 lbs.

38. What special considerations (vehicles, permits, congestion, messing, berthing, etc.) affect the movement of troop formations and equipment to the APOE?

Convoys are limited to "off peak" hours on the main cross-island highways, the Pali and the Likelike. However, when the H-3 Highway is completed (projected late 1994), it will provide a direct link between MCBH Kaneohe and Hickam/Pearl Harbor.

**M. Proximity to Other Support Facilities**

39. List any other support facilities in close proximity to your base (DOD & non-DOD) that currently play a significant logistics role and/or could play a role in any future operational deployment and mobilization plans.

- Wheeler Army Air Station
- Barber's Point Naval Air Station
- Bellows Air Force Station
- Dillingham Airfield
- Pearl Harbor Sea Lift Support

**N. Proximity to Major Transportation Nodes**

40. List any other transportation nodes (DOD and non-DOD) in close proximity to your base that play a significant logistics role and/or could play a role in any future operational deployment and mobilization plans.

Facility	Mobilization Role	Location
Hickam AFB	Aircraft	Honolulu HI
Barbers Pt	Aircraft	Ewa Beach HI
Honolulu Int'l Airport	Aircraft	Honolulu HI
MCBH Kaneohe Bay	Aircraft	Kaneohe Bay HI
Pearl Harbor	Sea	Honolulu

**O. CONTINGENCY AND MOBILIZATION FEATURES**

41. What role does the Marine Corps base play in military and civilian regional logistics (transportation, etc.) plans?

None, except in the event of a natural disaster or national emergency (civil defense) when military logistical or transportation assets are required.

42. Does the operational infrastructure (i.e., tactical vehicle maintenance, fuel and munitions storage, warehouse space) meet current requirements and provide capabilities for future expansion or change in mission?

Current requirements have historically been adequate to support a fully operational MEB sized combat unit with all associated command, aviation and ground, combat service and service support organizations inherent to a similar size unit. Current capabilities could support limited expansion and possible change in mission.

42.a. List the features of this Marine Corps base that make it a strong candidate for basing other operational units in the future.

Data Calls #1, 16, 24 and 38 cover, in detail, the capacity and value of this facility. Historically, this installation can support Marine/Air Ground Task Forces up to a fully operational MEB. Current infrastructure is limited in the ability to support organizations whose manpower and material requirements are significantly greater.

42.b. Are there any assets in the vicinity of the base that are currently not used or under utilized because of a deficiency, but could be improved or enhanced to increase the base's capabilities?

No

43. Assume that all programmed MilCon in PB(President's Budget submission) through FY 97 is completed as scheduled, what additional storage space for vehicles, equipment, and supply would be realized? None.

Project	Type	Size (lxw)	SF
N/A*			

\*NOTE: This installation is currently not programmed for any MILCON through FY-97.

44. Do the current personnel support facilities provide a capability for future expansion?

**YES**

44.a List the project number, description, funding year, and value of the **capital improvements at your base completed (beneficial occupancy) during 1988 to 1994.**

Indicate if the capital improvement is a result of BRAC realignments or closures.

Project	Description*	Fund Year	Value \$(M)
88-2000	Repair Swimming Pool, Manana	1987	0.13
P-499	Electrical Distribution Improvements	1988	6.11
P-615	BEQ	1988	7.93
P-465	Corrosion Control Hangar	1988	5.35
88-0501	Supply Conversion, Camp Smith	1988	0.08
P-460	MACS-2 Operations Facilities	1989	1.81
P-610	Integrated Signals Intel Sys Fac	1989	2.43
P-524	BSSG-1 Electronic Maint Fac	1989	2.91
P-530	3d Marines Combat Veh Maint Shop	1989	6.57
P-492	Airfield Pavement Improvements (III)	1989	8.76
P-624	Combined Arms Staff Trainer	1989	1.79
KB956RS	Ordnance Admin Bldg	1989	0.18
P-404	Hangar Modifications	1990	7.98
90-2079	Small Arms Magazine, CSTF	1990	0.14
P-618	Special Compartmented Info Fac (SCIF)	1990	5.20
90-2083	Armory, CSTF	1990	0.20
86-2547	Berm, Range A CSTF	1990	0.13
KB151R	Fire Protection Facility	1991	0.11
KB152R	Fire Protection Sys, Bldg 208 & 209	1991	0.09
91-2301	Renovate Fitness Ctr, Camp Smith	1991	0.19
P-404	Fixed-Winged Aircraft Rinse Fac	1991	2.30

P-611	Commissary	1991	15.40
KB206R	Weapons Cleaning Area 3d MAR	1992	0.19
KB235R	Sound Attenuation, Bldg 1176	1992	0.04
KB203R	Fire Prot Various Bldgs	1992	0.15
91-2904	Flag Locker Room, Camp Smith	1992	0.12
93-2317	Resurface Training Tank, Camp Smith	1992	0.19
09-10-02-07	McDonald's	1993	0.91
06005	Remove Asbestos, Bldg 2D	1994	0.31
06552	Relocate Snack Bar	1994	0.39
06012	Upgrade Command Center	1994	0.25

\* No BRAC-related projects.

44.b. List the project number, description, funding year, and value of the **non-BRAC related capital improvements planned for 1995 through 1997.**

Project	Description	Fund Year	Value (\$M)
KB164MS	Airfield Pavement Repairs, Phase I	1991	3.80
DAGS Job #12-16-4213	Mokapu Elementary School (State of Hawaii)	1994	2.0
06072	Pave Various Areas	1995	0.253
SM404M	Small Arms Impact Berm	1995	2.850
P-623	Child Development Center	1995/96	4.520
SM 601R	Waterline for Admin Bldg	1996	0.227
SM 602M	Admin Bldgs Fire Protection	1996	4.084
SM 603R	Manana Drainage Canal	1996	0.284
SM 604M	Fire Protection - Cmd Ctr	1996	0.627
SM 605M	Removal of 11 OSTs	1996	0.450

44.c. List the project number, description, funding year, and value of the **BRAC related capital improvements** at your base from 1995 through 1999.

Project	Description	Fund Year	Value (\$M)
P-269T	Mod Acft Wash/Rinse Fac	1996	1.30
P-270T	Apron/Hangars/Aviation Supply	1996	11.50
P-287T	Helo Landing Pad/LHA Deck	1996	1.25
P-294T	Coast Guard Facilities	1996	11.90
P-508T	Ordnance Facilities	1996	2.80
40423	Aviation Physiological Trng Unit	1996	3.35

44.d. What are the significant limiting ground, training noise, beach gradient, waterway, harbor, explosive quantity distance standard, HERO, and airspace encroachments at your Marine Corps base?

The following are significant concerns which would limit future development at Marine Corps Base Hawaii (MCBH):

- Limited real estate and environmental encroachments. MCBH K-Bay located on the Mokapu peninsula is physically limited for future new development. Surrounded by Kaneohe Bay, Kailua Bay and the Pacific Ocean, expansion is limited to the approximately 3,000 acres which comprises this base. The neck of the peninsula which borders the civilian community also borders the Nuupia Ponds, a wildlife management area. The ponds serve as a buffer for the base and "softens" the gradation between the military and civilian communities. Besides the Nuupia Ponds, other significant environmental limitations, are the Mokapu Burial Area, the Ulupau Dunes complex and the Ulupau Wildlife Management Area. The Mokapu Burial Area is located on the north shoreline of the base and is listed in the National Register of Historic Places. The Ulupau Dunes complex is located on the east coastline, along Fort Hase Beach. The Ulupau Wildlife Management Area located on the northeastern corner of the base is home to an endangered species, the red-footed booby.

- Land is not available for significant development or expansion at Camp Smith, Puuloa Rifle Range and Manana Housing Area. Additionally, any undue delays or change in the decision to transfer Bellows AFS to USMC control would severely inhibit our ability to utilize an additional 577 acres of land easily accessible and adjacent to MCB Hawaii. This area is critical for amphibious operations and other training. We currently utilize 726 acres at Bellows AFS.

- Airspace encroachment. The runway is bounded by water at both ends and due to its peninsula location, adverse noise and accident potential impacts on the surrounding communities are minimal, as identified by our air installations compatible use zones (AICUZ) study.

- Explosive safety quantity distance (ESQD). Explosives hazards areas, established by the Department of Defense are designated by ESQD arcs for varying quantities and types of ammunition or explosives. The ordnance storage facilities at Ulupau Crater generate arcs up to 3,000 feet. Along the west shoreline of the base, the combat aircraft loading area (CALA) and the ordnance and assembly area both have ESQD arcs of 1,250 feet. Several smaller magazines to the west of the runway also generate limited ESQD arcs.

44.e. Do current estimates of civilian population growth and development or environmental constraints pose problems for the base? Impact of rounds into the ocean at the Puuloa Rifle Range pose an environmental problem. The resolution is proposed FY96 construction of a rifle range impact berm.

44.f. Also provide a description of local zoning ordinances and their impact on future encroachment.

The civilian communities closest to MCBH Kaneohe Bay are Kailua and Kaneohe. These communities are predominantly single-family suburban "bedroom communities." Most of the residents who live in these areas commute to work in Honolulu or other leeward destinations via the Likelike or Pali Highways.

Kamehameha Highway, Kaneohe Bay Drive and Kahekili Highway are the primary east/west lateral roadways serving the community of Kaneohe. Currently, there is no freeway system to the Kaneohe area. However, the State is now building the trans-Koolau H-3 Freeway, with an estimated completion data of 1996.

In addition to residential land use, there are several other significant uses in the Kaneohe Bay area. Major commercial activities are located along Kamehameha Highway from Likelike Highway to Haiku Road.

There is no heavy industry, but several light industries are located along Kahuhipa Street. Institutional uses include several State of Hawaii elementary schools, Castle High School and King Intermediate School. Windward Community College, Hawaii State Hospital and Hawaii Loa College are also located in Kaneohe.

The majority of the shoreline from MCBH Kaneohe Bay to Heeia Pond is primarily developed in residential housing. North and west of Heeia Pond, the shoreline changes from residential to agricultural, rural and undeveloped open space.

There are several small islands within Kaneohe Bay. Moki O Loe (Coconut Island) the only inhabited island, comprises 25 acres. Approximately half of this area is landfill formed by dredged material from the main Kaneohe Bay channel.

Three other small uninhabited islands are located near MCBH Kaneohe Bay. These islands are seabird sanctuaries managed by the State of Hawaii. Aircraft operations have not adversely affected these bird habitats.

Due to the geographical location and current land use, civilian community encroachment issues aboard MCBH Kaneohe Bay are minimal.

44.g. Briefly identify environmental limitations to training or operations at this base.

There are two designated Wildlife Management Areas (Nu'upia Ponds and Ulupa'u Crater Head), wetland areas (primarily Nu'upia Ponds), several National Historic Properties (Hangar 101, Mokapu Burial Area), and several sites and structures eligible for listing in National Register, as noted in the Cultural Resources section of this data call. Planners take these environmentally sensitive or historically designated areas into account in planning any training exercises or building construction in or adjacent to these areas. Such mitigation measures as follows have been taken: (1) careful site location to avoid these areas; (2) confining the timing of construction or training disturbance to the non-breeding season for

resident endangered waterbirds; (3) monitoring during construction by a qualified archaeologist in areas known to be archaeologically sensitive, following a state-approved data recovery plan and federally-mandated historic preservation consultation procedures.

Other environmental restrictions include such things as the need to apply for an air emissions permit prior to operating the Corrosion Control Hangar, and operating the Hangar within the conditions stated on the permit; the need for an intensive monitoring program of our oil/water separators so that oil does not escape into the sewage lines and leak into the Water Reclamation Facility (WRF)--a condition on our NPDES permit to run the WRF; the need to discharge wastewater from Reverse Osmosis Water Purification Units inland rather than into the surrounding ocean bay waters, to avoid the need for an NPDES permit for these point discharges.

All of these restrictions are manageable and have not prevented the Base from performing training or operations, so long as the mitigation or permit conditions are followed.

44.h. What are the environmental restrictions to expansion at each Marine Corps base?

None except to avoid disturbance of designated protected areas (endangered species habitats, wetlands, ancient Hawaiian burial areas).

44.i. Describe the undeveloped acreage or waterfront that is unique to the Marine Corps base.

Sixty undeveloped acres at Camp Smith is proposed for FY97 802 Housing.

The waterfront along the Puuloa Rifle Range is used almost entirely for rifle and pistol qualification and is not developable.

The Marine Corps Base Hawaii occupies Makapu Peninsula, a 2,951-acre peninsula which is generally flat with a narrow strand of sand dunes and beaches along approximately 32% of its 10.66 miles of shoreline. The interior of the peninsula is punctuated by three volcanic features: Ku'au or Pyramid Rock, Pu'u Hawai'i Loa, a cinder cone, and Ulupa'u Crater, with a 683 foot summit. A majority of the surface of these three volcanic features, the 483-acre Nu'upia Ponds Wildlife Management Area, and the 23-acre Ulupa'u Head Wildlife Management Area together comprise the majority of the 720 acres of largely undeveloped land on this peninsula. The peninsula shoreline is bordered on the east by Kailua Bay, on the north by the Pacific Ocean, on the west and southwest by Kaneohe Bay, and on the south by the Nu'upia Ponds. The Nu'upia Ponds straddles the peninsula and connects it to the rest of the island of Oahu by remnants of ancient Hawaiian fishpond walls and modern-day causeways at the front and back gate entrances to the base.

**P. WEATHER**

45. What percentage of the time (on average, by month) does the local weather affect training operations and restrict live firing activity? Use the following chart and add any further descriptions on how weather generally impacts base and training operations (recurring wind, atmospheric or fog conditions, etc.).

Month	Inches of Rain	Mean hi & lo temp	% of Training Days Canceled due to High Seas or Low Visibility	% of Fire Missions Canceled Due to Weather
Jan.	5.5	79/69	0	0
Feb.	3.8	78/69	0	0
Mar.	3.8	79/69	0	0
Apr.	3.6	79/70	0	0
May	2.3	81/72	0	0
June	1.3	82/73	0	0
July	1.9	83/74	0	0
Aug.	1.8	84/75	0	0
Sept.	1.9	84/75	0	0
Oct.	3.0	84/74	0	0
Nov.	4.6	81/73	0	0
Dec.	4.5	79/70	0	0

46. Do local weather conditions have a regular impact on maintenance schedules? If so, describe how are these conditions accommodate?

No. During inclement weather, maintenance is conducted in hangar spaces.

47. Does the local climate and geography provide unique training opportunities to the units assigned to the base (e.g., frequent opportunities for all-weather training)?

99.6% of time this field is VRF.

48. Are special weather briefing equipment or personnel (training) necessary at the base because of local weather conditions?

No.

**Q. QUALITY OF LIFE**

Family Housing:

49. Do you have mandatory assignment to on-base housing?  
No.

49.a. For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	84	84	0	0
Officer	3	260	260	0	0
Officer	1 or 2	32	32	0	0
Enlisted	4+	361	361	0	0
Enlisted	3	942	942	0	0
Enlisted	1 or 2	692	692	0	0
Mobile Homes					
Mobile Home lots					

NOTE: The total units, 2,371, includes 2,197 units at Kaneohe, 168 units at Manana Housing Area and 6 units at Camp Smith. The 2,197 units at Kaneohe includes the 276 (802 Housing) units, which are on base, used almost exclusively by USMC, and are on Army account for administrative purpose. The 276 (802 Housing) units are expected to return to our plant account as OCFH is in the process of deconsolidation.

49.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information: N/A.

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost? N/A.

Current improvement plans and programmed funding: N/A

Has this facility condition resulted in C3 or C4 designation on your

BASEREP? No.

50. Complete the following table for the military housing waiting list.

CAMP SMITH (Combined list for Army, Navy and Marine)

Pay Grade	Number of Bedrooms	Number on List <sup>1</sup>	Average Wait
O-7/8/9	1	-	-
	2	-	-
	3	-	-
	4+	-	-
O-4/6	1	-	-
	2	-	-
	3	34	6 mo.
	4+	9	9 mo.
O-1/2/3/CWO	1	-	-
	2	58	4 mo.
	3	9	2 mo.
	4+	7	9 mo.
E6-E9	1	-	-
	2	12	2 mo.
	3	33	3 mo.
	4+	19	3 mo.
E1-E5	1	-	-
	2	522	4 mo.
	3	73	2 mo.
	4+	40	4 mo.

<sup>1</sup>As of 31 March 1994.

MCBH KANEOHE BAY

Pay Grade	Number of Bedrooms	Number on List <sup>2</sup>	Average Wait
O-7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	0	0
O-4/6	1	N/A	N/A
	2	N/A	N/A
	3	17	24 mo.
	4+	11	12 mo.
O-1/2/3/CWO	1	N/A	N/A
	2	51	14 mo.
	3	1	3 mo.
	4+	1	12 mo.
E6-E9	1	N/A	N/A
	2	13	4 mo.
	3	7	1 mo.
	4+	3	1 mo.
E4-E5	1	N/A	N/A
	2	26	1 mo.
	3	5	1 mo.
	4+	8	3 mo.
E1-E3	1	N/A	N/A
	2	180	18 mo.
	3	N/A	N/A

<sup>2</sup>As of 31 March 1994.

	4+	N/A	N/A
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51. What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Top Five Factors Driving the Demand for Base Housing	
1	Convenience - vs - Off-base commute time in traffic.
2	Affordable - vs - High Local Rental Costs.
3	Security - vs - Higher risk rental sites off base.
4	Military Community - vs - Private, unknown neighborhood.
5	Complete on-base facilities - vs - Island-wide facilities.

52. What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

90%

53. Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	98.94
Substandard	98.25
Inadequate	N/A

54. As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason? NO.

BEQ FOR KANEOHE BAY

55. Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	87.5
Substandard	60.0
Inadequate	0.0

56. As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Yes, occupancy rate for adequate quarters in March 1994 was 92.4% and 0% for substandard and inadequate quarters. Change since FY93 is because of the 1st MEB drawdown, allowing us to house all unaccompanied personnel adequately by the current Minimum Standard of Adequacy (MSA). Occupancy rate is below 95% because we have more quarters than we have personnel to house.

57. Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365}$$

$$\text{AOB} = 259$$

58. Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	199	76.8	
Spouse Employment (non-military)	19	7.3	
Other	41	15.	Separation
<b>TOTAL</b>	259	100	

59. How many geographic bachelors do not live on base? 56

BEQ FOR CAMP SMITH

55. Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	69
Substandard	
Inadequate	

56. As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No, adequate quarters outnumber current requirements.

57. Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{10 \times 365}{365} = \text{(# Geographic Bachelors} \times \text{average number of days in barracks)}$$

$$\text{AOB} = 10$$

58. Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	10	100	N/A
Spouse Employment (non-military)	0	0	N/A
Other	0	0	N/A
<b>TOTAL</b>	10	100	

59. How many geographic bachelors do not live on base? 0

BOQ

60. Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	0.0
Substandard	58.3
Inadequate	N/A

Shut down for renovations (now open).

61. As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Yes, occupancy rate for adequate quarters in March 1994 was 92.4% and 0% for substandard and inadequate quarters. Change since FY93 is because of the 1st MEB drawdown, allowing us to house all unaccompanied personnel adequately by the current Minimum Standard of Adequacy (MSA). Occupancy rate is below 95% because we have more quarters than we have personnel to house.

62. Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$AOB = \frac{11 \times 365}{365} = \frac{\text{\# Geographic Bachelors} \times \text{average number of days in barracks}}{365}$$

$$AOB = 11$$

63. Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	9	81.8	
Spouse Employment (non-military)	1	9.1	
Other	1	9.1	Separation
<b>TOTAL</b>	<b>11</b>	<b>100</b>	

64. How many geographic bachelors do not live on base? N/A

65. For on-base MWR facilities<sup>3</sup> available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION N/A DISTANCE N/A

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	36	No
	Outdoor Bays	13	No
Arts/Crafts	SF	8,865	No
Wood Hobby	SF	3,311	No
Bowling	Lanes	30	Yes
Enlisted Club	SF	65,372	No
Officer's Club	SF	54,128	Yes
Library	SF	10,838	No
Library	Books	49,492	No
Theater	Seats	900	Yes
ITT	SF	792	Yes
Museum/Memorial	SF	2,363	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	33	No
Beach	LF	16,100	N/A
Swimming Ponds	Each	0	N/A
Tennis CT	Each	13	No

<sup>3</sup>Spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

CONT.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	5	No
Basketball CT (outdoor)	Each	12	No
Racquetball CT	Each	9	No
Golf Course	Holes	18	Yes
Driving Range	Tee Boxes	23	Yes
Gymnasium	SF	29,047	No
Fitness Center	SF	26,399	No
Marina	Berths	40	Yes
Stables	Stalls	45	Yes
Softball Fld	Each	10	No
Football Fld	Each	1	No
Soccer Fld	Each	4	No
Youth Center	Each	3	No

66. Is your library part of a regional interlibrary loan program? Yes.

Base Family Support Facilities and Programs

67. Complete the following table on the availability of child care in a child care center on your base.

**FULL DAY CHILD DEVELOPMENT CENTER**

Age Category	Capacity (Children)	SF			# of PN on Wait List	Avg Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	8*		689*		13	157
6-12 Mos	*		-		13	248
12-24 Mos	10		501		53	288
24-36 Mos	12		719		27	234
3-5 Yrs	66		2423		16	113

\* Children in first two age categories are combined for capacity and square footage.

**PRESCHOOL PROGRAM**

Age Category	Capacity (Children)	SF			# of PN on Wait List	Avg Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos						
6-12 Mos						
12-24 Mos						
24-36 Mos						
3-5 Yrs	72*	4012.75			0	N/A

\* Capacity is 72 in morning session and 72 in afternoon session. Total children accommodated by Preschool Program is 144.

**HOURLY CARE PROGRAM**

Age Category	Capacity (Children)	SF			# of PN on Wait List	Avg Wait (Days)
		Adequate	Substandard	Inadequate		
3-19 Mos	8	330				
19-29 Mos	10	484				
30 Mos - 12 Yrs	24	800				

\* No standard waiting list. Occasional waiting list depending on demand per requested hour(s).

68. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost?

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

Information requested is for inadequate facilities only. None of our square footage is inadequate. I have listed square footage as substandard based on the lengthy waiting list for children under the age of three years and the fact that we have many outstanding work requests related to fire, safety, and sanitation requirements which will need to be funded.

69. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list.

Parents are referred to civilian center-based facilities in the adjacent community. There are 16 center-based programs in the civilian community which serve children under the age of five years. Four of these facilities serve children under three years. Parents are also referred to a community referral service for family child care homes off base.

70. How many certified home care providers are registered at your base?

Presently 35 certified family child care homes.

70. How many certified home care providers are registered at your base?

Presently 35 certified family child care homes.

71. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs).

No.

72. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Service	Unit of Measure	Qty
Exchange	SF	48,143
Gas Station	SF	5,882
Auto Repair	SF	3,233
Auto Parts Store	SF	4,013
Commissary	SF	
Mini-Mart	SF	21,722
Package Store	SF	10,598
Fast Food Restaurants	Each	7
Bank/Credit Union	Each	2
Family Service Center	SF	5,800
Laundromat	SF	0
Dry Cleaners	Each	1
ARC	PN	5
Chapel	PN	250
FSC Classrm/Auditorium	PN	40
Animal Care Clinic	SF	1,014
Golf Pro Shop	SF	1,100
Barber/Beauty Shop	Chairs	24
Optical Shop	SF	143

SCUBA Retail Store	SF	1,948
Recreational Gear Rental	SF	2,034
Temp Lodging Fac	Rooms	24
Beach Cottages	Cottages	14
Tailor Shop	SF	1,950
Phone Center	Booths	30

73. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Honolulu	15
San Francisco	2,407
Los Angeles	2,620

74. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	513.17	287.12
E2	496.14	312.01
E3	496.96	366.18
E4	548.28	382.66
E5	563.70	393.58
E6	613.58	417.68
E7	655.81	455.57
E8	651.05	492.19
E9	817.47	620.56
W1	660.61	501.71

W2	729.46	572.14
W3	723.03	587.76
W4	696.74	617.76
O1E	651.10	482.96
O2E	647.81	516.48
O3E	719.82	608.97
O1	706.02	520.25
O2	671.19	524.61
O3	687.63	578.94
O4	667.94	580.85
O5	681.79	563.83
O6	744.57	616.29
O7	684.31	555.99

Off-base housing rental and purchase

75. Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	850.00	700.00	65.00
Apartment (1-2 Bedroom)	1000.00	900.00	85.00
Apartment (3+ Bedroom)	1200.00	1100.00	105.00
Single Family Home (3 Bedroom)	1600.00	1300.00	135.00
Single Family Home (4+ Bedroom)	1900.00	1600.00	162.00
Town House (2 Bedroom)	1200.00	1000.00	85.00
Town House (3+ Bedroom)	1400.00	1200.00	105.00

Condominium (2 Bedroom)	1100.00	1000.00	85.00
Condominium (3+ Bedroom)	1300.00	1200.00	105.00

76. What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	99
Apartment (1-2 Bedroom)	99
Apartment (3+ Bedroom)	99
Single Family Home (3 Bedroom)	99
Single Family Home (4+ Bedroom)	99
Town House (2 Bedroom)	99
Town House (3+ Bedroom)	99
Condominium (2 Bedroom)	99
Condominium (3+ Bedroom)	99

77. What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	\$350,000.00
Single Family Home (4+ Bedroom)	\$400,000.00
Town House (2 Bedroom)	\$199,000.00
Town House (3+ Bedroom)	\$220,000.00
Condominium (2 Bedroom)	\$199,000.00
Condominium (3+ Bedroom)	\$220,000.00

78. From the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0

79. Describe the principle housing cost drivers in your local area.

Honolulu has the highest housing prices of the major metropolitan areas of the U.S. House prices experienced sharp increases (more than doubling) in the late 1980's due in part to speculative investment from Japan, but have remained reasonably stable since then.

Despite soft economic conditions over the last few years, the underlying requirement for housing has remained reasonably strong. All three major sources of outside income to Hawaii (defense, agriculture and tourism) have weakened, however, Hawaii remains attractive to migrants particularly due to the weather and other lifestyle reasons. Hawaii has experienced positive net migration both from the continental United States and the Pacific (chiefly from the Philippines).

Also, demand for housing has been stimulated by low interest rates, although recent rises and

the prospect of further rises may have some dampening effect on the market. The planned further construction of military housing will have some effect, by reducing the demand for civilian housing by military families.

The cost of land for housing is high. Oahu is a small island, and the vacant land available for new housing is limited by the topography and large military land holdings (the military holds 23 percent of land). Land production costs are also affected by State and county regulatory barriers (planning, zoning and permitting processes) which are more bureaucratic and time consuming than in many other locations. There are infrastructure capacity problems (particularly waste water) which increase production costs.

The isolation of Oahu has resulted in increased building material prices due to high freight costs and probably less competition between suppliers in the small market. Housing production costs are also affected by the higher cost structure in Hawaii - insurance, fuel taxes, etc.

80. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Location	% Employees	Distance (mi)	Time(min)
Kaneohe, Hawaii	32	K-Bay - 3 Cp Smith -22	10 30
Kailua, Hawaii	30	K-Bay - 2 Cp Smith -23	10 35
Honolulu, Hawaii	15	K-Bay -16 Cp Smith - 9	30 20
Pearl City, Hawaii	4	K-Bay -26 Cp Smith - 5	38 15
Aiea, Hawaii	3	K-Bay -28 Cp Smith - 3	40 15

80.a. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

N/A

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
N/A		

81. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the installation and their dependents:

(a) List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info
Farrington	Publ	9-12	Y	None	V-325 M-421	*91.1	DOE
Aiea	Publ	9-12	Y	None	V-384 M-462	*93.6	DOE
Leilehua	Publ	9-12	Y	None	V-379 M-454	*73.8	DOE
Moanalua	Publ	9-12	Y	None	V-387 M-474	87.1	DOE
Radford	Publ	9-12	Y	None	V-380 M-423	79.7	DOE
Wailulua	Publ	9-12	Y	None	V-342 M-429	91.9	DOE
Kaimuki	Publ	9-12	Y	None	V-380 M-516	90.7	DOE
Kaiser	Publ	9-12	Y	None	V-389 M-465	91.1	DOE
Kalani	Publ	9-12	Y	None	V-370 M-499	94.1	DOE
McKinley	Publ	9-12	Y	None	V-372 M-497	86.1	DOE

Roosevelt	Publ	9-12	Y	None	V-384 M-500	75.9	DOE
Campbell	Publ	9-12	Y	None	V-343 M-403	70.8	DOE
Nanakuli	Publ	9-12	Y	None	V-339 M-371	76.2	DOE
Pearl City	Publ	9-12	Y	None	V-389 M-485	99.3	DOE
Waianae	Publ	9-12	Y	None	V-323 M-382	82.9	DOE
Ahuimanu	Publ	K-6	Y	None	NA	NA	DOE
Aikahi	Publ	K-6	Y	None	NA	NA	DOE
Castle HS	Publ	9-12	Y	None	V-393 M-995	90.7	DOE
Enchan Lake	Publ	K-6	Y	None	NA	NA	DOE
Hauula	Publ	K-6	Y	None	NA	NA	DOE
Heeia	Publ	K-6	Y	None	NA	NA	DOE
Kaaawa	Publ	K-6	Y	None	NA	NA	DOE
Kaelepulu	Publ	K-6	Y	None	NA	NA	DOE
Kahaluu	Publ	K-6	Y	None	No	No	DOE
Kahuku El	Publ	K-6	Y	None	No	No	DOE
Kahuku	Publ	6-12	Y	None	V-353 M-392	86.3	DOE
Kailua El	Publ	K-6	Y	None	No	No	DOE
Kailua	Publ	9-12	Y	None	V-379 M-449	92.3	DOE
Kailua	Publ	7-8	Y	None	NA	NA	DOE
Kainalu	Publ	K-6	Y	None	NA	NA	DOE
Kalaheo	Publ	9-12	Y	None	V-398 M-446	81	DOE
Kaneohe	Publ	K-6	Y	None	NA	NA	DOE

Kapunahala	Publ	K-6	Y	None	NA	NA	DOE
Keolu	Publ	K-6	Y	None	NA	NA	DOE
King	Publ	7-8	Y	None	NA	NA	DOE
Laie	Publ	K-6	Y	None	NA	NA	DOE
Lanikai	Publ	K-6	Y	None	NA	NA	DOE
Maunawili	Publ	K-6	Y	None	NA	NA	DOE
Mililani	Publ	9-12	Y	None	V-398 M-474	86.6	DOE
Mokapu	Publ	K-6	Y	None	NA	NA	DOE
Olomana	Publ	K-6	Y	None	NA	NA	DOE
Parker	Publ	K-6	Y	None	NA	NA	DOE
Pope	Publ	K-6	Y	None	NA	NA	DOE
Puohala	Publ	K-6	Y	None	NA	NA	DOE
Sunset Beach	Publ	K-6	Y	None	NA	NA	DOE
Waiahole	Publ	K-6	Y	None	NA	NA	DOE
Waimanola	Publ	K-8	Y	None	NA	NA	DOE
Waianae	Publ	9-12	Y	None	V-365 M-456	84.8	DOE
Kaimuki	Publ	9-12	Y	None	V-380 M-516	90.7	DOE
Academy of the Pacific	Priv	7-12	N	See Below	NA**	NA**	DOE
Alphabetland Preschool	Priv	K	N	" "	NA**	NA**	DOE
***Calvary Christ School	Priv	K-8	N	" "	NA**	NA**	DOE
Carey School	Priv	K	N	" "	NA**	NA**	DOE
***Cathedral School	Priv	K-8	N	" "	NA**	NA**	DOE
***Central Union Preschool	Priv	K	N	" "	NA**	NA**	DOE

Children's House Inc	Priv	K-4	N	" "	NA**	NA**	DOE
***Christian Academy	Priv	K-6	N	" "	NA**	NA**	DOE
***Damien Memorial HS	Priv	9-12	N	" "	NA	NA	DOE
***Epiphany School	Priv	K-6	N	" "	NA	NA	DOE
***Grace Bible Christian	Priv	K-5	N	" "	NA	NA	DOE
Hale O Ulu	Priv	7-12	N	" "	NA	NA	DOE
Hanahauoli School	Priv	K-6	N	" "	NA	NA	DOE
Hanalani Schools	Priv	K-12	N	" "	NA	NA	DOE
***Hawaii Baptist Academy El	Priv	K-6	N	" "	NA	NA	DOE
***Hawaii Baptist Academy HS	Priv	7-12	N	" "	NA	NA	DOE
Hawaii Mission Academy	Priv	9-12	N	" "	NA	NA	DOE
Hawaii Mission El	Priv	K-8	N	" "	NA	NA	DOE
Ho'ala School	Priv	K-8	N	" "	NA	NA	DOE
***Holy Family School	Priv	K-8	N	" "	NA	NA	DOE
***Holy Nativity School	Priv	K-6	N	" "	NA	NA	DOE
***Holy Trinity School	Priv	1-8	N	" "	NA	NA	DOE
Hongwanjii Mission School	Priv	K-6	N	" "	NA	NA	DOE
Honolulu Waldorf School	Priv	K-8	N	" "	NA	NA	DOE

Iolani School	Priv	K-12	N	" "	V-541 M-641	100	DOE
Island Paradise Academy	Priv	K-6	N	" "	NA	NA	DOE
Island Paradise School	Priv	K-6	N	" "	NA	NA	DOE
Kahi Mohala	Priv	K-12	N	" "	NA	NA	DOE
***Kaimuki Christ School	Priv	K-6	N	" "	NA	NA	DOE
Kamehameha Schools	Priv	K-12	N	" "	NA	NA	DOE
Kawaihao Child Care	Priv	K-3	N	" "	NA	NA	DOE
Koko Head Prep Tech Academy	Priv	9-12	N	" "	NA	NA	DOE
***Koolau Baptist Church	Priv	K-12	N	" "	NA	NA	DOE
Kula Kokua School	Priv	K-2	N	" "	NA	NA	DOE
La Peitra H/S f/Girls	Priv	6-12	N	" "	NA	NA	DOE
***Lanakila Bapt School	Priv	K-6	N	" "	NA	NA	DOE
***Lanakila Bapt HS	Priv	7-12	N	" "	NA	NA	DOE
Le Jardin Academy	Priv	K-8	N	" "	NA	NA	DOE
Leeward Adventist	Priv	1-8	N	" "	NA	NA	DOE
Lutheran HS	Priv	9-12	N	" "	NA	NA	DOE
***Maili Bible School	Priv	K-6	N	" "	NA	NA	DOE

***Maryknoll Grade School	Priv	K-8	N	" "	NA	NA	DOE
***Maryknoll HS	Priv	9-12	N	" "	NA	NA	DOE
***Messiah Luther School	Priv	K-7	N	" "	NA	NA	DOE
Mid-Pac Institute	Priv	7-12	N	" "	NA	NA	DOE
Montessori Community	Priv	K-6	N	" "	NA	NA	DOE
Navy Hale Keiki	Priv	K-2	N	" "	NA	NA	DOE
***Our Lady of Good Counsel	Priv	K-8	N	" "	NA	NA	DOE
***Our Lady of Perpetual Help	Priv	K-8	N	" "	NA	NA	DOE
***Our Lady of Sorrows	Priv	K-8	N	" "	NA	NA	DOE
***Our Redeemer Lutheran	Priv	K-8	N	" "	NA	NA	DOE
***Our Savior Lutheran	Priv	K-8	N	" "	NA	NA	DOE
Playmate Kindergarten	Priv	K-3	N	" "	NA	NA	DOE
Punahou School	Priv	K-12	N	" "	V-527 M-623	99	DOE
***Redemption Academy	Priv	K-12	N	" "	NA	NA	DOE
***Sacred Hearts Academy	Priv	K-12	N	" "	NA	NA	DOE
Seagull Lab School	Priv	K-6	N	" "	NA	NA	DOE
Special Ed Ctr	Priv	K-20	N	" "	NA	NA	DOE
***St Andrew's Priory	Priv	K-12	N	" "	NA	NA	DOE
***St Ann School	Priv	K-8	N	" "	NA	NA	DOE

***St Anthony School	Priv	K-8	N	" "	NA	NA	DOE
***St Anthony's School	Priv	K-8	N	" "	NA	NA	DOE
***St Clement's School	Priv	K	N	" "	NA	NA	DOE
***St Elizabeth School	Priv	K-8	N	" "	NA	NA	DOE
***St Francis HS	Priv	7-12	N	" "	NA	NA	DOE
***St John the Baptist	Priv	K-8	N	" "	NA	NA	DOE
***St John Vianney School	Priv	K-8	N	" "	NA	NA	DOE
***St Johns Miilani	Priv	K	N	" "	NA	NA	DOE
***St Joseph School	Priv	K-8	N	" "	NA	NA	DOE
St Louis School	Priv	7-12	N	" "	NA	NA	DOE
***St Mark Lutheran	Priv	K-8	N	" "	NA	NA	DOE
***St Mark's Kindergarten	Priv	K	N	" "	NA	NA	DOE
***St Michael's School	Priv	K-8	N	" "	NA	NA	DOE
***St Patrick's School	Priv	K-8	N	" "	NA	NA	DOE
***St Theresa School	Priv	K-8	N	" "	NA	NA	DOE
***St Timothy's Children	Priv	K	N	" "	NA	NA	DOE
Star of the Early Learning	Priv	K	N	" "	NA	NA	DOE

Star of the Sea Elem Sch	Priv	1-8	N	" "	NA	NA	DOE
Sultan Easter Seal School	Priv	K	N	" "	NA	NA	DOE
***Sunset Beach Christian	Priv	K-8	N	" "	NA	NA	DOE
***Trinity Christ School	Priv	K-6	N	" "	NA	NA	DOE
***Trinity Lutheran School	Priv	K-8	N	" "	NA	NA	DOE
United Cereb Palsy	Priv	K-2	N	" "	NA	NA	DOE
Variety School of Hawaii	Priv	K-8	N	" "	NA	NA	DOE
Varsity Int'l	Priv	7-12	N	" "	NA	NA	DOE
***Waianae Baptist PreSch	Priv	K	N	" "	NA	NA	DOE
Waolani-Judd School	Priv	K-6	N	" "	NA	NA	DOE
***Windward Adventist School	Priv	K-8	N	" "	NA	NA	DOE
***Windward Nazarene Acad	Priv	K-8	N	" "	NA	NA	DOE

\* Percentage based on survey conducted at these high schools. Percentage of seniors completing the survey ranged from 59.7% to 100%.

\*\* NA - Not Available for high schools and Not Applicable for below high school.

\*\*\* Annual enrollment cost per student approximately \$2,000 - \$7,000/yr.

82. List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Hawaii Institute of Hair Design	Day	N	Y	N	Y	N
	Night	N	Y	N	Y	N
Hawaii Pacific University	Day	N	N	N	Y	Y
	Night	N	N	N	Y	Y
Honolulu Community College	Day	N	Y	N	Y	N
	Night	N	Y	N	Y	N
Kansai Gaidai HI College	Day	N	N	N	Y	N
	Night	N	N	N	Y	N
Kapiolani Community College	Day	N	N	N	Y	N
	Night	N	N	N	Y	N
Kauai Community College	Day	N	N	N	Y	N
	Night	N	N	N	Y	N
Leeward Community College	Day	N	N	N	Y	N
	Night	N	N	N	Y	N
Med-Assist School of Hawaii	Day	N	Y	N	Y	N
	Night	N	Y	N	Y	N
New York Tech Ins of Hawaii	Day	N	Y	N	Y	N
	Night	N	Y	N	Y	N

University of Hawaii	Day	N	N	N	Y	Y
	Night	N	N	N	Y	Y
Windward Community College	Day	Y	N	N	Y	N
	Night	Y	N	N	Y	N
West Oahu Senior College	Day	Y	N	N	Y	N
	Night	Y	N	N	Y	N
Troy State University	Day	N	N	N	N	Y
	Night	N	N	N	N	Y
University of Oklahoma	Day	N	N	N	N	Y
	Night	N	N	N	N	Y
University of So. California	Day	N	N	N	N	Y
	Night	N	N	N	N	Y
University of Phoenix	Day	N	N	N	N	Y
	Night	N	N	N	N	Y
	Day					
	Night					

83. List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Chaminade University of Honolulu	Day	N	N	N	Y	N
	Night	N	N	N	Y	N
	Correspondence	N	N	N	N	N
Hawaii Pacific University	Day	N	N	N	Y	N
	Night	N	N	N	Y	Y
	Correspondence	N	N	N	N	N
Honolulu Community College	Day	N	Y	N	Y	N
	Night	N	Y	N	Y	N
	Correspondence	N	N	N	N	N
Wayland Baptist University	Day	N	N	N	Y	N
	Night	N	N	N	Y	N
	Correspondence	N	N	N	N	N
Embry Riddle Aeronautical University	Day	N	N	N	Y	N
	Night	N	N	N	Y	N
	Correspondence	N	N	N	N	N

Spousal Employment Opportunities

84. Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	29	38	41	
Manufacturing				
Clerical	228	305	334	
Service	28	38	42	
Other				

\*\* Per Cindy @ State DOL Research & Statistics Office (586-9033)  
unemployment rates are not available by skill levels.

Average employment rates by year (Oahu):

1991 - 2.3

1992 - 3.2

1993 - 3.2

85. Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

No. Adequate facilities and manpower are available to meet current demands. Additionally, there are sufficient local dental and medical facilities that participate in programs such as the Delta Dental Plan and Champus Programs. However, this is the only military facility on the windward side of Oahu.

86. Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

No. Adequate facilities and manpower are available to meet current demands. Additionally, there are sufficient local dental and medical facilities that participate in programs such as the Delta Dental Plan and Champus Programs. However, this is the only military facility on the windward side of Oahu.

87. Complete the table below to indicate the crime rate for your installation for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)			
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
2. Blackmarket (6C)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
4. Postal (6L)			
Base Personnel - military	0	1	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	1	0

Off Base Personnel - civilian	0	0	0
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Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)			
Base Personnel - military	53	47	32
Base Personnel - civilian	0	0	0
Off Base Personnel - military	6	5	4
Off Base Personnel - civilian	0	0	0
7. Larceny - Ordnance (6R)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)			
Base Personnel - military	61	135	110
Base Personnel - civilian	4	8	0
Off Base Personnel - military	35	116	75
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military	303	333	300
Base Personnel - civilian	1	5	0
Off Base Personnel - military	78	126	80
Off Base Personnel - civilian	0	0	0
10. Wrongful Destruction (6U)			
Base Personnel - military	282	203	234
Base Personnel - civilian	4	14	2
Off Base Personnel - military	19	24	9
Off Base Personnel - civilian	0	0	0
11. Larceny - Vehicle (6V)			
Base Personnel - military	1	4	1
Base Personnel - civilian	1	0	0
Off Base Personnel - military	4	4	3
Off Base Personnel - civilian	0	0	0
12. Bomb Threat (7B)			
Base Personnel - military	0	1	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)			
Base Personnel - military	125	98	91
Base Personnel - civilian	0	0	2
Off Base Personnel - military	47	39	40
Off Base Personnel - civilian	0	0	0
15. Death (7H)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	1	2	4
Off Base Personnel - civilian	0	0	0
16. Kidnapping (7K)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	2	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military	4	5	17
Base Personnel - civilian	0	0	0
Off Base Personnel - military	3	1	1
Off Base Personnel - civilian			
19. Perjury (7P)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)			
Base Personnel - military	2	2	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	4	8	7
Off Base Personnel - civilian	0	0	0
21. Traffic Accident (7T)			
Base Personnel - military	68	148	165
Base Personnel - civilian	7	16	6
Off Base Personnel - military	3	30	5
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)			
Base Personnel - military	0	4	2
Base Personnel - civilian	0	1	2
Off Base Personnel - military	0	0	1
Off Base Personnel - civilian	0	0	0
23. Indecent Assault (8D)			
Base Personnel - military	0	2	4
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	3
Off Base Personnel - civilian	0	0	0
24. Rape (8F)			
Base Personnel - military	5	7	3
Base Personnel - civilian	0	0	0
Off Base Personnel - military	8	2	3
Off Base Personnel - civilian	0	0	0
25. Sodomy (8G)			
Base Personnel - military	2	2	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

\_\_\_\_\_  
NAME (Please type or print)

Signature

\_\_\_\_\_  
Title

Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_

NAME (Please type or print)

Signature

\_\_\_\_\_

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_

NAME (Please type or print)

Signature

\_\_\_\_\_

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

\_\_\_\_\_

NAME (Please type or print)

Signature

\_\_\_\_\_

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)**

\_\_\_\_\_  
\_\_\_\_\_  
NAME (Please type or print)

Signature

\_\_\_\_\_  
\_\_\_\_\_  
Title

Date

**BRAC-95 CERTIFICATION**

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

\_\_\_\_\_  
\_\_\_\_\_  
NAME (Please type or print)

Signature

\_\_\_\_\_  
\_\_\_\_\_  
Title

Date

\_\_\_\_\_  
Division

\_\_\_\_\_  
Department

\_\_\_\_\_  
Activity

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

C. D. KUHN, JR.  
NAME (Please type or print)

Commanding General  
Title

MCBH Kaneohe Bay, Hawaii  
Activity

*Coleman Kuhn*  
Signature

940616  
Date

DATA CALL 39 MCB HAWAII

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)

DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J.A. BRAEMAN

LIEUTENANT GENERAL, U.S. MARINE CORPS

DEPUTY CHIEF OF STAFF (INSTALLATIONS AND LOGISTICS)

NAME (Please type or print)

Signature

28 JUL 1994

Title

Date

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**DATA CALL 66  
INSTALLATION RESOURCES**

**Activity Information:**

Activity Name:	Naval Telecommunications Center (NTCC), Camp Smith, HI
UIC:	35177
Host Activity Name (if response is for a tenant activity):	Camp H. M. Smith, Halawa Heights, Oahu, HI
Host Activity UIC:	67385

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).** This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b>			
<b>Activity Name: NTCC Camp Smith, HI</b>			<b>UIC: 35177</b>
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Maintenance and Repair	4		4
1b. Minor Construction			
<b>1c. Sub-total 1a. and 1b.</b>	4		4
<b>2. Other Base Operating Support Costs:</b>			
2a. Utilities	66		66
2b. Transportation	6		6
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify) See Below	28		28
<b>2k. Sub-total 2a. through 2j:</b>	100		100
<b>3. Grand Total (sum of 1c. and 2k.):</b>	104		104

2j. Engineering Support  
Phones

6  
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**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
----------------------	-----------------------

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
<b>Activity Name: NTCC Camp Smith, HI</b>		<b>UIC: 35177</b>	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Real Property Maintenance (>\$15K)			
1b. Real Property Maintenance (<\$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1e. Sub-total 1a. through 1d.			
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
<b>3. Depreciation</b>			
<b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>	0	0	0

**DATA CALL 66  
INSTALLATION RESOURCES**

**2. Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name:</b> NTCC Camp Smith, HI	<b>UIC:</b> 35177
<b>Cost Category</b>	<b>FY 1996 Projected Costs (\$000)</b>
<b>Travel:</b>	
<b>Material and Supplies (including equipment):</b>	38
<b>Industrial Fund Purchases (other DBOF purchases):</b>	98
<b>Transportation:</b>	6
<b>Other Purchases (Contract support, etc.):</b>	
<b>Total:</b>	142

**DATA CALL 66  
INSTALLATION RESOURCES**

**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be performed "on base" in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc. N/A

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name:</b>	<b>UIC:</b>
<b>Contract Type</b>	<b>FY 1996 Estimated Number of Workyears On-Base</b>
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
<b>Total Workyears:</b>	

\* Note: Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

N/A

**DATA CALL 66  
INSTALLATION RESOURCES**

**c. "Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
<b>0</b>	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
<b>0</b>	

**INSTALLATION RESOURCES, DATA CALL 66 for COMNAVCOMTELCOM**

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
(Please type or print)

\_\_\_\_\_  
Signature

Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

**T. A. STARK**

\_\_\_\_\_  
Name (Please type or print)

*T. A. Stark*  
\_\_\_\_\_  
Signature

**Commander,**

**25 Aug 1994**

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**Naval Computer and**

**Telecommunications Command**

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)**

**W. A. EARNER**

\_\_\_\_\_  
NAME (Please type or print)

*W. A. Earner*  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

**9/6/94**  
\_\_\_\_\_  
Date

**DATA CALL 66  
INSTALLATION RESOURCES**

43

**Activity Information:**

Activity Name:	USCINCPAC
UIC:	00038
Host Activity Name (if response is for a tenant activity):	CAMP H.M. SMITH
Host Activity UIC:	

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).**

This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add

**DATA CALL 66  
INSTALLATION RESOURCES**

additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

<b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b>			
<b>Activity Name: USCINCPAC</b>		<b>UIC: 00038</b>	
<b>Category</b>	<b>FY 1996 BOS Costs (\$000)</b>		
	<b>Non-Labor</b>	<b>Labor</b>	<b>Total</b>
<b>1. Real Property Maintenance Costs:</b>			
1a. Maintenance and Repair	1018	0	1018
1b. Minor Construction			
<b>1c. Sub-total 1a. and 1b.</b>	1018		1018
<b>2. Other Base Operating Support Costs:</b>			
2a. Utilities	1575		1575
2b. Transportation	47		47
2c. Environmental	17		17
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)	2282	0	447
<b>2k. Sub-total 2a. through 2j:</b>	3921		3921
<b>3. Grand Total (sum of 1c. and 2k.):</b>	4939		4939

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
OMN	\$4939

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

**Other Notes:** All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
<b>Activity Name: USCINCPAC</b>		<b>UIC: 00038</b>	
<b>Category</b>	<b>FY 1996 Net Cost From UC/FUND-4 (\$000)</b>		
	<b>Non-Labor</b>	<b>Labor</b>	<b>Total</b>
<b>1. Real Property Maintenance Costs:</b>			
1a. Real Property Maintenance (>\$15K)			
1b. Real Property Maintenance (<\$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
<b>1e. Sub-total 1a. through 1d.</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
<b>2m. Sub-total 2a. through 2l:</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>3. Depreciation</b>			
<b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>	<b>0</b>	<b>0</b>	<b>0</b>

\* Not a DBOF Activity

**DATA CALL 66  
INSTALLATION RESOURCES**

**2. Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name:</b> USCINCPAC	<b>UIC:</b> 00038
<b>Cost Category</b>	<b>FY 1996 Projected Costs (\$000)</b>
<b>Travel:</b>	5075
<b>Material and Supplies (including equipment):</b>	393
<b>Industrial Fund Purchases (other DBOF purchases):</b>	4996
<b>Transportation:</b>	184
<b>Other Purchases (Contract support, etc.):</b>	16360
<b>Total:</b>	27008

**DATA CALL 66  
INSTALLATION RESOURCES**

**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name:</b> USCINCPAC	<b>UIC:</b> 00038
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	.04
Procurement:	
Other:*	
<b>Total Workyears:</b>	<b>.04</b>

\* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

N/A

**DATA CALL 66  
INSTALLATION RESOURCES**

c. **"Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
N/A	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
N/A	

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

Mr. Robert W. Thornett  
NAME (Please type or print)

  
Signature

Director

Title

7/28/94  
Date

Field Support Activity

Activity

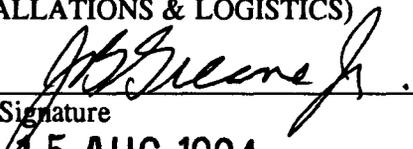
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE, JR.

\_\_\_\_\_  
NAME (Please type or print)

ACTING

  
Signature

15 AUG 1994  
Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

43

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Activity Identification:** Please complete the following table, identifying the activity for which this response is being submitted.

<b>Activity Name:</b>	Marine Corps Base Hawaii
<b>UIC</b>	00318
<b>Major Claimant:</b>	Marine Corps Base Hawaii

**General Instructions/Background:**

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocations of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA) analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates.

Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

**Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**General Instructions/Background (Continued):**

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

**Note 1:** Throughout this data call, the term "activity" is used to refer to the DON installation that is the addressee for the data call.

**Note 2:** Periodically throughout this data call, questions will include the statement that the response should refer to the "area defined in response to question 1.b., (page 3)". Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, the scope of the "area defined" may be limited to the sum of:

- those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,
- those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**Note 3:** Responses to questions referring to "civilians" in this data call should reflect federal civil service appropriated fund employees.

**1. Workforce Data**

a. **Average Federal Civilian Salary Rate.** Provide the projected FY 1996 average gross annual appropriated fund civil service salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

<b>Average Appropriated Fund Civilian Salary Rate:</b>	41,516.68
--	-----------

<b>Source of Data (1.a. Salary Rate):</b> HRO - DCPDS
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Location of Residence.** Complete the following table to identify where employees live. Data should reflect current workforce.

**1) Residency Table.** Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
City & County of Honolulu	HI	7619 *	738	100%	10 mi.	15-20 min.

\* Does not include additional 1300 personnel on rotational 6 month deployments. Average distance from the Leeward side of Oahu to the city of Honolulu is 5 miles. = 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**2) Location of Government (DoD) Housing.** If some employees of the base live in government housing, identify the county(s) where government housing is located:  
NONE

**Source of Data (1.b. 1) & 2) Residence Data): HRO/G-1**

**c. Nearest Metropolitan Area(s).** Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

City	County	Distance from base (miles)
Honolulu	Honolulu	14 mi

**Source of Data (1.c. Metro Areas): MCBH Kaneohe Bay Facilities**

\*\* From the Leeward side is approximately 5 miles to the city of Honolulu.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

d. **Age of Civilian Workforce.** Complete the following table, identifying the age of the activity's civil service workforce.

<b>Age Category</b>	<b>Number of Employees</b>	<b>Percentage of Employees</b>
<b>16 - 19 Years</b>	6	1
<b>20 - 24 Years</b>	13	2
<b>25 - 34 Years</b>	120	16
<b>35 - 44 Years</b>	216	29
<b>45 - 54 Years</b>	271	37
<b>55 - 64 Years</b>	86	12
<b>65 or Older</b>	18	2
<b>TOTAL</b>	730 * 8 <hr style="width: 20%; margin: 0 auto;"/> 738	99% 1% <hr style="width: 20%; margin: 0 auto;"/> 100%

\* Not avail for 8 emps

<b>Source of Data (1.d.) Age Data): HRO - DCPDS</b>
---

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**e. Education Level of Civilian Workforce**

**1) Education Level Table.** Complete the following table, identifying the education level of the activity's civil service workforce.

<b>Last School Year Completed</b>	<b>Number of Employees</b>	<b>Percentage of Employees</b>
<b>8th Grade or less</b>	0	0
<b>9th through 11th Grade</b>	14	2
<b>12th Grade or High School Equivalency</b>	344	47
<b>1-3 Years of College</b>	155	21
<b>4 Years of College (Bachelors Degree)</b>	136	18
<b>5 or More Years of College (Graduate Work)</b>	77	10
<b>TOTAL</b>	726	98 %
	12	2
<b>DATA NOT AVAIL FOR 12 EMP</b>	----	----
	738	100%

**2) Degrees Achieved.** Complete the following table for the activity's civil service workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

<b>Degree</b>	<b>Number of Civilian Employees</b>
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	46
Associate Degree	47
Bachelor Degree	129

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Masters Degree	52
Doctorate	4

**Source of Data (1.e.1) and 2) Education Level Data): HRO**

**f. Civilian Employment By Industry.** Complete the following table to identify by "industry" the type of work performed by civil service employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

Industry	SIC Codes	No. of Civilians	% of Civilians
<b>1. Agriculture, Forestry &amp; Fishing</b>	01-09	0	0
<b>2. Construction</b> (includes facility maintenance and repair)	15-17	71	10
<b>3. Manufacturing</b> (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0

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Industry	SIC Codes	No. of Civilians	% of Civilians
3d. Other Transportation (includes ground vehicles)	various	0	0
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
<b>Sub-Total 3a. through 3e.</b>	20-39	0	0
<b>4. Transportation/Communications/Utilities</b>			
4a. Railroad Transportation	40	60	8
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	48	7
4f. Communications	48	7	1
4g. Utilities	49	77	10
<b>Sub-Total 4a. through 4g.</b>	40-49	192	26
<b>5. Services</b>	70-89		
5a. Lodging Services	70	10	1
5b. Personal Services (includes laundry and funeral services)	72	0	0

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Industry	SIC Codes	No. of Civilians	% of Civilians
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	91	12
5d. Automotive Repair and Services	75	18	2
5e. Other Misc. Repair Services	76	10	1
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	10	1
5h. Health Services	80	7	1
5i. Legal Services	81	7	1
5j. Educational Services	82	25	3
5k. Social Services	83	19	3
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	49	7
5n. Other Misc. Services	89	167	23
<b>Sub-Total 5a. through 5n.:</b>	70-89	413	55
<b>6. Public Administration</b>	91-97		
6a. Executive and General Government, Except Finance	91	12	2
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	16	2
6c. Public Finance	93	20	3
6d. Environmental Quality and Housing Programs	95	14	2

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Industry	SIC Codes	No. of Civilians	% of Civilians
<b>Sub-Total 6a. through 6d.</b>		62	9
<b>TOTAL</b>		738	100 %

**Source of Data (1.f.) Classification By Industry Data): HRO, DCPDS**

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**g. Civilian Employment by Occupation.** Complete the following table to identify the types of "occupations" performed by civil service employees at the activity. Employees should be categorized based on their primary duties. Additional information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
<b>1. Executive, Administrative and Management</b>	184	25
<b>2. Professional Specialty</b>		
2a. Engineers	12	2
2b. Architects and Surveyors	3	0
2c. Computer, Mathematical & Operations Research	13	2
2d. Life Scientists	4	1
2e. Physical Scientists	2	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	5	1
2h. Social & Recreation Workers	4	1
2i. Religious Workers	0	0

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Occupation	Number of Civilian Employees	Percent of Civilian Employee s
2j. Teachers, Librarians & Counselors	11	1
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	2	0
2m. Communications	0	0
2n. Visual Arts	0	0
<b>Sub-Total 2a. through 2n.:</b>	56	8
<b>3. Technicians and Related Support</b>		
3a. Health Technologists and Technicians	1	0
3b. Other Technologists	106	14
<b>Sub-Total 3a. and 3b.:</b>	107	14
<b>4. Administrative Support &amp; Clerical</b>	153	21
<b>5. Services</b>		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	9	1
<b>Sub-Total 5a. through 5d.</b>	9	1
<b>6. Agricultural, Forestry &amp; Fishing</b>	0	0
<b>7. Mechanics, Installers and Repairers</b>	52	7

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Occupation	Number of Civilian Employees	Percent of Civilian Employee s
<b>8. Construction Trades</b>	61	8
<b>9. Production Occupations</b>	56	8
<b>10. Transportation &amp; Material Moving</b>	26	4
<b>11. Handlers, Equipment Cleaners, Helpers and Laborers</b> (not included elsewhere)	34	5
<b>TOTAL</b>	738	100 %

**Source of Data (1.g.) Classification By Occupation Data): HRO -DCPDS**

**Description of Occupational Categories used in Table 1.g.** The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate appropriated fund civil service jobs at the activity.

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.

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6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine services and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Bus drivers; material moving equipment operators; rail transportation occupations; truck drivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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**h. Employment of Military Spouses.** Complete the following table to provide estimated information concerning military spouses who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	49%
2. Percentage of Military Spouses Who Work Outside of the Home:	Not available
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	32*
3b. Employed "On-Base" - Non-Appropriated Fund:	284
3c. Employed "Off-Base" - Federal Employment:	Not Available
3d. Employed "Off-Base" - Other Than Federal Employment	Not available

**Source of Data (1.h.) Spouse Employment Data): HRO/ G-1**

\*Not Avail for 6 commands

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**2. Infrastructure Data.** For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

- A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.
- B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.
- C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

**Table 2.a., "Local Communities":** This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

**Table 2.b., "Economic Region":** This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

**For both tables, annotate with an asterisk (\*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.**

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a. **Table A: Ability of the local community to meet the expanded needs of the base.**

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	B	C	C
Schools - Public	B	C	C
Schools - Private	A	B	C
Public Transportation - Roadways	B	B	B
Public Transportation - Buses/Subways	B	B	B
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	B	B
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:			
Water Supply	A	B	C
Water Distribution	A	B	C
Energy Supply	A	B	C
Energy Distribution	A	B	C
Wastewater Collection	A	B	C
Wastewater Treatment	A	B	C
Storm Water Collection	A	B	C
Solid Waste Collection and Disposal	A	B	C
Hazardous/Toxic Waste Disposal	B	C	C
Recreational Activities	A	B	C

Remember to mark with an asterisk any categories which are wholly supported on-base.

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2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

a. Off-Base Housing. Housing is generally a high demand/low supply commodity for civilians as well as for military personnel.

b. Schools - Public. 50% or 100% increases would require building new schools or busing students to schools outside the district.

c. Schools - Private. While firm data is not readily available, we estimate that existing private schools could not readily accommodate a 100% growth.

d. Utilities (All). Windward Oahu population is currently about 120,000. A 100% increase for MCBH Kaneohe Bay would add 17,000 people, most of whom will live in Windward Oahu. This would increase the local community population by approximately 10%, when most of the growth on Oahu is projected planned for the opposite (Leeward) side of Oahu. Utilities upgrades would be needed.

e. Hazardous/Toxic Waste Disposal. As presently staffed and operated, the hazardous waste program at MCBH Kaneohe Bay conforms, but needs improvements in staffing and facilities. A 1992 Headquarters Marine Corps sponsored environmental compliance evaluation found that we need to improve our accumulation, record keeping, and enforcement efforts. We estimate that a 50% increase would require three hazardous waste operations. While current facilities conform, we are, with no population increase, seeking a new \$2.5M consolidated hazardous materials/hazardous waste facility. An expenditure of approximately \$250,000 to \$500,000 would be required to enlarge this facility to handle a 50% population increase. A 100% increase in population would require an estimated additional \$400,000 to upgrade on-base infrastructure for collection, accumulation, and management facilities, as well as a staff increase from two to three persons.

f. Recreational Activities. Programs in the local community receive funding from the state to support their recreational activities. However, the paucity of recreational activities compared to what the base offers is notable. Local activities have saturated facilities, leaving little room for expansion. Specific community projects would include additional multi-purpose ball fields to support softball, football and soccer. Because Hawaii does not adopt "daylight savings time" during summer months these facilities must be lighted. In addition, at 100% expansion level, a deficiency will exist in youth centers and a gymnasium/fitness center. Also, in the local community, there are no Auto Hobby Shops and the bowling lanes are commercially owned. In summation, with a 100% increase in base loading level we could have facilities. However, the premium value of land here in Hawaii and lack of suitable developmental sites would make expansion extremely expensive. The moderate climate coupled with the outstanding condition of the State beaches provides all residents of Hawaii alternative recreational activities that are affordable and available to unlimited number of personnel.

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**Source of Data (2.a. 1) & 2) - Local Community Table):** Department of Education  
Statistical Information Service, Hawaii State Department of Business and Economic  
Development and Tourism

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**b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.**

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	B	C	C
Schools - Public	B	C	C
Schools - Private	A	B	C
Public Transportation - Roadways	B	B	B
Public Transportation - Buses/Subways	B	B	B
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	B	B
Police	A	A	A
Health Care Facilities	A	B	C
Utilities:			
Water Supply	A	A	B
Water Distribution	A	A	B
Energy Supply	A	A	B
Energy Distribution	A	B	B
Wastewater Collection	A	A	B
Wastewater Treatment	A	A	B
Storm Water Collection	A	A	B
Solid Waste Collection and Disposal	A	B	B
Hazardous/Toxic Waste Disposal	A	B	B
Recreation Facilities	A	B	C

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Remember to mark with an asterisk any categories which are wholly supported on-base.

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2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

a. Off-base Housing. Housing has historically been in high demand, low supply for civilians as well as military.

b. Schools - Public. 50% or 100% increase would required building new schools or busing students to schools outside the district.

c. Schools - Private. While firm data is not readily available, we estimate that private schools island-wide could not readily accommodate a 100% growth.

d. Health Care Facilities. 100% additional workload would require an additional structure to provide services that would include doubling our present workspace. Manning would most probably be augmented with contract health providers who are funded through CHAMPUS.

e. Utilities. Windward Oahu population is currently about 120,000. A 100% increase for MCBH Kaneohe Bay would add 17,000 people, most of whom would live in Windward Oahu. This would increase the local community population by approximately 10%, when most of the growth on Oahu is projected and planned for the opposite (Leeward) side of Oahu. Existing housing vacancy rate is about 3%. Accordingly, about 4,000 new housing units would have to be built, with supporting infrastructure.

f. Recreational Facilities. As previously mentioned the lack of suitable developmental property and the high alternative use and value of property on the island would make development of comparable facilities to the base prohibitively expensive. However, Hawaii's moderate climate makes year round outdoor recreation possible and attractive. Because of the high cost of living and proximity to local and State beaches, a low cost alternative is available. Facilities to support programs offered on base would require additional construction/expansion of multi-purpose ball fields to accommodate softball, football and soccer. Additional youth centers as well as bowling lanes would also be needed. Because Oahu also has other military installations, it is possible to use some of their facilities to support an expansion of our population, this option would be limited to Pearl Harbor and Hickam AFB.

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**Source of Data (2.b. 1) & 2) - Regional Table):** State Department of Education  
Statistical Information Services, Oahu Consolidated Family Housing Office,  
Metropolitan Planning Office for City and County of Honolulu, Nay Regional Medical  
Clinic, MWR Department, Hawaii State Department of Business and Economic  
Development and Tourism.

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**3. Public Facilities Data:**

- a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

3.8% \*

Rental Units:

Oahu - 1250

Windward - 314 \*

Units for Sale:

single family

Oahu 2036 single family

\*\* Windward - 385

<b>Source of Data (3.a. Off-Base Housing): Community Home finding, Relocation and Referral Office (CHRRS)</b>
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\* CHRRS

\*\* PRUDENTIAL LOCATIONS, INC.

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**b. Education.**

1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the response to question 1.b. (page 3).

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Windward	Honolulu	24	3	4	19785	28312	25:1	23:1	Yes
Central	Honolulu	28	6	6	36237	atMax	27:1	atMax	Yes

\* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

**Source of Data (3.b.1) Education Table):**Windward School District and DOE

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment.

NO

**Source of Data (3.b.2) On-Base Schools):** Ms. Loretta Cornett Ed Off MCBH and Manpower

- Chaminade University
- Hawaii Pacific University
- Embry Riddle Aeronautical University
- Wayland Baptist University
- Honolulu Community College

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Mokopu Elementary (DOE Windward)

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3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

Central Michigan University (MSA)  
Chaminade University (AA, BA, BS,MBA)  
Embry Riddle Aeronautical University (AA, BA, MBA)  
Hawaii Pacific University (AA, BA, MBA, MSIS)  
Troy State (MS in Education)  
University of Oklahoma (MPA, MA in Econ)  
University of Southern California (EdD)  
University of Hawaii/Manoa (BA,BS, BFA, BBA, MDA)  
Brigham Young University (AA, AS, BA, BS, BFA)  
Honolulu Community College (AA, AS, Vo/Tech, Cert)  
Kapiolani Community College (AA, AS, Cert.,)  
Leeward Community College (AA, AS, Cert)  
Wayland Baptist University (AA,AA, AAS, BS, BBA, BS)

**Source of Data (3.b.3) Colleges):** 1992-1993 American Council of Education

4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools:

Heald Business College (Vo-Tech)  
Hawaii Business College (Vo-Tech)  
Hawaii Institute of Hair Design (Vo-Tech)  
Kansai Gaidai - Hawaii College (Vo-Tech)  
Med-Assist Schools of Hawaii (Vo-Tech)  
New York Technical Institute of Hawaii (Vo-Tech)  
Tai Hsuan Foundation college of Acupuncture  
and Herbal Medicine (Vo-Tech)  
Travel Institute of the Pacific  
(Vo-Tech)

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**Source of Data (3.b.4) Vo-tech Training): 1992-93 American Council of Education**

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**c. Transportation.**

1) Is the activity served by public transportation?

	<u>Yes</u>	<u>No</u>
Bus:	___	<u>X</u>
Rail:	___	<u>X</u>
Subway:	___	<u>X</u>
Ferry:	___	<u>X</u>

**Source of Data (3.c.1) Transportation):** MCBH KANEOHE BAY FAC.

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station. NONE

**Source of Data (3.c.2) Transportation):** MCBH KANEOHE BAY FAC.

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport. Honolulu International Airport, located approximately 14 miles from MCBH Kaneohe Bay.

**Source of Data (3.c.3) Transportation):** MCBH KANEOHE BAY FAC.

4) How many carriers are available at this airport?  
45 carriers (34 passengers, 11 cargo)

**Source of Data (3.c.4) Transportation):** \*

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\* State of Hawaii, Department of Transportation Airports Division.

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5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway? Route number H-3, Zero miles, main gate of MCBH Kaneohe Bay is the end/begin point of Interstate Defense Highway H-3.

**Source of Data (3.c.5) Transportation): MCBH KANEOHE BAY FACILITIES DEPARTMENT**

6) Access to Base:

a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)

The base is bordered by the Kailua and Kaneohe primarily residential communities with some emphasis towards light commercial/industrial development. There are two accesses to the base, one is a 2-lane interstate (which is the end/begin of Defense Highway H-3, also in good condition. Each of the accesses has a manned gate house and congestion is generally not a problem.

communities. Both are communities with some commercial/industrial accesses to the base, (which is the end/begin in good condition. gate house and

Mokapu Road:

- Peak traffic volume (based on State of Hawaii Highway Division)
- Inbound = 9,971 vehicles/wk
- Outbound = 10,053 vehicles/wk

Interstate Defense Highway H-3:

- Peak traffic volume (based on State of Hawaii Highway Division)
- Inbound = 7,364 vehicles/wk
- Outbound = 8,298 vehicles/wk

b) Do access roads transit residential neighborhoods?

Mokapu Rd transits residential neighborhoods. The H-3 highway does not transit residential communities.

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c) Are there any easements that preclude expansion of the access road system? NO

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)? NO

**Source of Data (3.c.6) Transportation): \***

\* State of Hawaii, Dept. of Transportation, Highway Division.

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- d. **Fire Protection/Hazardous Materials Incidents.** Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.

<b>Source of Data (3.d. Fire/Hazmat):</b>
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- e. **Police Protection.**

1) What is the level of legislative jurisdiction held by the installation?  
Public Law 86-3, Section 16 (b), March 18, 1959, 73 Stat.4, (Hawaii Statehood Act) establishes concurrent federal legislative jurisdiction over the base.

2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

The is only one level of legislative jurisdiction.

3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?

The is not a specific written agreement with local law enforcement.

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

Military Police Department provides military working dogs (narcotics detectors) to U.S. Customs for detection purposes only. All paperwork submitted for legal action is labeled and handled by military intervention with narcotic detector dogs. Military working dog handlers are unauthorized to testify or assist in the apprehension/arrest process.

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Military Police Department is not routinely augmented by officials of other federal agencies.

**Source of Data (3.e. 1) - 5) - Police):** Staff Judge Advocate's Office, Military Police Department

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**f. Utilities.**

- 1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.
- a) Water: Pacific Division, Naval Facilities Engineering Command contract with city and County of Honolulu, Board of Water Supply to supply 5,200 gallons per minute of potable at not less than 60 pounds per square inch gauge pressure at our 20-inch main.
- b) Power: Pacific Division, Naval Facilities Engineering Command contract with Hawaiian Electric Company to supply electrical power at the "Large Power Service" rate set by the Public Utilities Commission.
- c) Fuel Oil: We obtain fuel oil, for our boilers to produce domestic steam and hot water, through the Defense Supply System.
- d) Propane Gas: We obtain propane gas, used for cooking and domestic hot water, through a local Supply contract.
- e) Treated Sewage Effluent: We have an agreement with the City/ County of Honolulu to receive and dispose of our treated effluent with their Kailua Plant treated effluent to the Pacific Ocean out fall.
- 2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact. No record of any water rationing or interruption of delivery during the last five years.
- 3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact. No record of any significant disruptions in utilities services during the last five years.

**Source of Data (3.f. 1) - 3) Utilities): Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, Hawaii and MCBH Kaneohe Bay Utilities General Foreman.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

4. **Business Profile.** List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1. Castle & Cooke	Land Development/ Management	51,000
2. State of Hawaii (Oahu only)	State Government	43,829
3. Dept of Defense	Federal Government	26,307
4. City & County of Honolulu	City Government	8,593
5. GTE Hawaiian Tel	Telephone/Communication	4,185
6. Bancorp Hawaii, Inc.	Banking Services	4,162
7. Hawaiian Electric Industries, Inc.	Electrical Services	3,300
8. Alexander & Baldwin, Inc.	Property Management	3,123
9. First Hawaiian Inc.	Banking/Loan Services	2,300
10. DFS Hawaii	Retail Sales	1,300

**Source of Data (4. Business Profile):** Chamber of Commerce

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**5. Other Socio-Economic Impacts.** For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. **Loss of Major Employers:** Hawaii experienced a 2% decline in tourism primarily because of the Persian Gulf War. Permits for future construction slowed in 1991 indicating a downturn in the business cycle. Sugar and pineapple in the area of agriculture continues to shrink, showing little or no growth in 1991.

b. **Introduction of New Businesses/Technologies:** Due to Hawaii's strategic location, Defense spending increased 3 to 4%. Spending by the four major services added over \$3 billion to Hawaii's economy in 1991. Diversified agriculture showed approximately a 9% increase in employment. The Department of Business, Economic Development and Tourism is targeting a mix of export-oriented industries and import substitution. Example: The prime near-term industries, already viable are:

- 1) high technology
- 2) film and television production
- 3) ocean R&D (Research and Development)
- 4) federal contracts for Hawaii businesses
- 5) a range of seafood, floral products, and specialty foods.

c. **Natural Disasters:** The City and County of Honolulu experienced one natural disaster (Hurricane Iniki) since 1992.

d. **Overall Economic Trends:** Hawaii had a seventh year of economic growth in 1991 despite a national recession and a modest decline in state tourism. It is estimated that the Gross State Product expanded 1.5% in real terms, to \$29.1 billion. An estimated 8,300 jobs were added to the economy, up 1.4% from 1990. Total personal income in Hawaii grew and estimated 8% compared with approximately 4% nationally.

c. **Natural Disasters:**

d. **Overall Economic Trends:**

**Source of Data (5. Other Socio/Econ):** Chamber of Commerce

**6. Other.** Identify any contributions of your activity to the local community not discussed elsewhere in this response.

1) Provides employment to the civilian community (MCBH is the single largest employer on Windward Oahu).

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

2) Provides the local business community with a labor resource of Marines, sailors and their dependents. Many businesses were literally disabled, when many of their "part-times" were off to the Gulf War.

3) Volunteers to participate in community events, such as, "Just-Say-No-to-Drugs", Special Olympics, Litter Clean-up, Carol-Kai Bed Race, Aloha Runs, etc.

4) Provides the Windward community with "air-support" in the form of sea-air rescues, combating hillside fires and rescuing lost hikers.

5) MCBH Marines annually coordinate the "Toy-for-Tots" drive during Christmas. Marines also participate in parades during Holidays.

6) Community Drug Awareness Program (CDAP): Using seven mission-oriented displays, approximately 30 Marines visit 11 schools annually with an anti-drug/self-confidence building message to more than 3,000 seventh and eighth graders.

7) Partners in Education Program: 18 area schools have entered the Partners in Education Program with units stationed at MCB Hawaii. Marine activities include academic tutoring, physical fitness programs, Special Olympics, campus beautification projects, crossing guards, and providing special training on the installation of computer equipment.

8) Community-based support for continued Marine Corps access to limited and politically-sensitive training areas has increased significantly by expanding the base involvement with the Kaneohe, Kailua, and Waimanalo civilian/military councils, locally elected officials, and numerous business and service organizations.

<b>Source of Data (6. Other):</b> Facilities Dept, MCBH Kaneohe Bay
---



BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993,

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

C. D. KUHN, JR.

NAME (Please type or print)

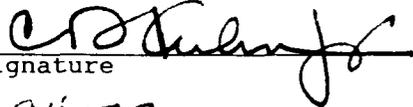
Commanding General

Title

MCBH Kaneohe Bay, Hawaii

Activity

Data Cell #45

  
Signature

940720  
Date

43

**MILITARY VALUE ANALYSIS:  
DATA CALL WORK SHEET FOR  
OPERATIONAL/RESERVE AIR STATION: MCB CAMP H.M. SMITH, HAWAII  
DC 38 MCBH KANEOHE BAY, HAWAII**

**Category ..... Operational Support  
Sub-category ..... Operational and Reserve Air Stations  
Types ..... Navy and Marine Corps Operational and Reserve Air Stations and  
Facilities**

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

<b>AIR STATION</b>	<b>TITLE</b>	<b>LOCATION</b>
AIR STATION	NORFOLK	NORFOLK, VA
AIR STATION	JACKSONVILLE	JACKSONVILLE, FL
AIR STATION	OCEANA	VA BEACH VA
AIR STATION	KEY WEST	KEY WEST FL
AIR STATION	BRUNSWICK	BRUNSWICK ME
NAS/MCAS	MIRAMAR	SAN DIEGO CA
MC AIR STATION	CHERRY POINT	CHERRY POINT NC
MC AIR FACILITY	KANEOHE BAY	KANEOHE BAY HI
MC AIR STATION	YUMA	YUMA AZ
MC AIR STATION	BEAUFORT	BEAUFORT SC
MC AIR STATION	NEW RIVER JAX	JACKSONVILLE NC
MC AIR STATION	CAMP PENDLETON	CP PENDLETON CA
AIR STATION	NORTH ISLAND	SAN DIEGO CA
AIR STATION	WHIDBEY ISLAND	OAK HARBOR WA
AIR STATION	LEMOORE	LEMOORE CA
AIR STATION	FALLON	FALLON NV
AIR STATION	ADAK	ADAK AL
AIR FACILITY	EL CENTRO	EL CENTRO CA
RESERVE AIR STATION	S. WEYMOUTH	S. WEYMOUTH MA
RESERVE AIR STATION	NEW ORLEANS	NEW ORLEANS LA
RESERVE AIR FACILITY	WASHINGTON	WASHINGTON D.C.
RESERVE AIR STATION	ATLANTA	ATLANTA GA
RESERVE AIR STATION	FORT WORTH	FORT WORTH TX
RESERVE AIR STATION	WILLOW GROVE	WILLOW GROVE PA
NAVAL STATION	MAYPORT	JACKSONVILLE FL
NAVAL STATION	ROOSEVELT ROADS	ROOSEVELT ROADS PR

## Data for Military Value Analysis

Mission Requirements. . . . .	2
Support of transient aircraft. . . . .	2
Training ranges, outlying & auxiliary fields & airspace. . . . .	3
General Military Support . . . . .	4
Other units. . . . .	5
Other support requirements . . . . .	7
Facilities. . . . .	8
Airspace & flight training areas . . . . .	8
Airfields. . . . .	.11
Base infrastructure & improvement. . . . .	.12
Personnel Support facilities . . . . .	.16
Training facilities. . . . .	.18
Maintenance facilities . . . . .	.19
Regional maintenance concept . . . . .	.20
Special military facilities. . . . .	.21
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Location. . . . .	.25
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## Mission Requirements

1. List the types and number of transient aircraft/detachments supported at this air station during FY 93 and describe the training and/or military missions conducted by these aircraft while stationed here. If supporting transient aircraft/detachments is a major mission, attach detailed schedules for the 1st & 2nd quarters FY 94.

Table 1.1 Transient Aircraft

Types of Aircraft/Unit. Name/T/M/S	Description of Frequency, Quantity and Primary Mission
C-130	Troop lift to JTF, WTI, CAX 50/Yr.
C-5A	Troop lift to JTF, WTI, CAX 8/Yr.
C-141	Troop lift to JTF, WTI, CAX 10/Yr.
P-3	Aircrew training 100/Yr.
F18/AV8 EA6B/	Transpac to/from Iwakuni/CONUS 60 A/C/Yr.

2.a. List the training ranges (including land areas used for tactical or infantry training), outlying airfields, auxiliary airfields and airspace that are actively managed (scheduled or controlled) by the air station.

Table 2.1 Training Management

Managed Training Assets	Management Role
Puuloa Rifle Range	Coordinate annual pistol & rifle training.
CALA	Ordnance Loading Area
LZ Shark	Shark Para Ops
Kaneohe Bay	SPIE, Helocast, Para Ops
Westfield	FLCPs, CALs, External Ops

2.b. List other candidate installations (DoD and non-DoD) that could be considered for performing these management duties.

Table 2.2 Other Installations

Installation	Agency	Reason for Consideration
N/A		

R

**General Military Support**

3.a. Does this air station directly support a military or civilian area control and surveillance mission (i.e., FACSFAC, FAA support)? If so, provide details of your level of support.

No.

3.b. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

Should remain the same.

3.c. List all other installations (DoD and Non-DoD) that could potentially support this mission.

None, due to terrain.

4.a. Describe the role this air station plays in the Logistics Support and Mobilization Plan (LSMP)?

None.

4.b. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

Remain the same.

4.c. List all other installations (DoD and Non-DoD) that could potentially support this mission.

Hickam AFB

5. List any other military support missions currently conducted at/from this air station (i.e., port of embarkation for USMC personnel).

Kaneohe is currently the staging area for Marines participating in JTF exercises in Cambodia. During crisis would be major port in Pacific rim, primary port of entry for all USMC A/C entering U.S. from Pacific region.

6. Are any new military missions planned for this air station?

The possibility exists, depending on the outcome of BRAC-93 decisions, that called for the closure of NAS Barbers Point and the transferring of USCG and USN aviation units to MCBH, Kaneohe Bay.

R

Currently, final decisions on timetable for movement and numbers of aircraft are pending. However, in the event that BRAC-93 decisions are executed, MCBH, Kaneohe Bay, as the host facility, would support those missions normally associated with the USCG (search & rescue, enforcement of maritime laws, drug interdiction, etc.) and those with the USN's HSL and VP unit (anti-submarine warfare, long range reconnaissance, special operations.

## General Military Support

3.a. Does this air station directly support a military or civilian area control and surveillance mission (i.e., FACSFAC, FAA support)? If so, provide details of your level of support.

No.

3.b. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

Should remain the same.

3.c. List all other installations (DoD and Non-DoD) that could potentially support this mission.

None, due to terrain.

4.a. Describe the role this air station plays in the Logistics Support and Mobilization Plan (LSMP)?

None.

4.b. Over the foreseeable future, is this mission requirement expected to decrease, increase, or remain the same?

Remain the same.

4.c. List all other installations (DoD and Non-DoD) that could potentially support this mission.

Hickam AFB

5. List any other military support missions currently conducted at/from this air station (i.e., port of embarkation for USMC personnel).

Kaneohe is currently the staging area for Marines participating in JTF exercises in Cambodia. During crisis would be major port in Pacific rim, primary port of entry for all USMC A/C entering U.S. from Pacific region.

6. Are any new military missions planned for this air station?

No.

KBAY  
LINGS 100 + 101

7.a. List all ground combat or special operations units ( not previously mentioned in your Capacity Data Call )that train at, operate from, or mobilize to this air station.

Table 7.1 Ground Combat or Special Operations Units

Ground Unit	Training Function / Facilities Used
N/A	

7.b. List all other operational units (not previously mentioned in your Capacity Data Call) that train at, operate from, or mobilize to this air station.

Table 7.2 Other Units

Operational Unit	Training Function / Facilities Used
None	

7.c. List all Joint (non-DON) units (not previously mentioned in your Capacity Data Call) that train at, operate from, or mobilize to this air station.

Table 7.3 Joint Units

Operational Unit	Training Function / Facilities Used
None.	

7.a. List all ground combat or special operations units ( not previously mentioned in your Capacity Data Call )that train at, operate from, or mobilize to this air station.

Table 7.1 Ground Combat or Special Operations Units

Ground Unit	Training Function / Facilities Used
N/A	

7.b. List all other operational units (not previously mentioned in your Capacity Data Call) that train at, operate from, or mobilize to this air station.

Table 7.2 Other Units

Operational Unit	Training Function / Facilities Used
None	

7.c. List all Joint (non-DON) units (not previously mentioned in your Capacity Data Call) that train at, operate from, or mobilize to this air station.

Table 7.3 Joint Units

Operational Unit	Training Function / Facilities Used
None.	

8. Does the air station or its tenants have any requirements to support training of other Navy and Marine Corps forces or non-DON Joint forces (e.g., ground force training, battle group exercise, etc.)

Table 8.1 Forces Supported

Forces	Location / Distance	Type of Support	Frequency
MEUSOC		Airspace/Ranges/MCAS	4/yr
RIMPAC		Airspace/Ranges/MCAS	2/yr
SOCPAC		Airspace/Ranges/MCAS	2/yr

9.a. Does the air station have a role in a disaster assistance plan, search, and rescue or local evacuation plan? If so, describe.

Yes. MCBH oversees the Destructive Weather Preparedness Plan for Marine facilities on Windward and Leeward Oahu, which is coordinated by the operations officer, MCBH Kaneohe Bay.

9.b. Does the air station provide any direct meteorological support to local civilian, governmental or military agencies? If so, describe.

(1) Hourly observation & ocean surface conditions to national metro. network.

(2) Provide primary info to various agencies during natural disaster drills & as needed during actual natural crisis.

10.a. Does this air station currently have any special non-DoD or civilian support missions (i.e., counter-drug, scientific support)? If so, describe.

No.

10.b. If applicable, give the type and number of aircraft based at your air station that conduct these operations (10.a.) and the total number of sorties flown during FY 1993 in support of these operations.

Table 10.1 Support Operations

Aircraft Type	Number of Aircraft	# Sorties Flown in FY 1993
C12 (1)	1	36
H46 (3)	3	4

10.c. If applicable, list the facilities, special equipment (e.g., radar surveillance systems) and personnel at your air station that directly support these operations.

Table 10.2 Supporting Equipment

Equipment/Facility /Personnel	Function
N/A	

11. Are any new civilian or other non-DoD missions planned for this air station? If so, describe.

BRAC 93 resulted in planned closure of Barber's Point. Currently, plans are to host USCG aircraft, 3 C-130s and 3 HH-65s pending final decisions on MILCON and the State of Hawaii's eventual usage plans for Barber's Point.

R

**Facilities**

**Air Space and Flight Training Areas**

12. List all areas for special use routinely used by aviation units or squadrons assigned to your air station. For each piece of airspace, provide the following data:

See Attachment to 12.

The following questions were answered previously in Data Call Number Sixteen (questions 12b., 12c., and 12d.).

Airspace Designator: \_\_\_\_\_

- a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)
- b. Dimensions (nmi. x nmi. x ft of altitude)
- c. Distance from main airfield
- d. Time enroute from main airfield
- e. Controlling agency
- f. Scheduling agency
- g. Are canned/stereo airways needed to access air space?
  - If so, how many?
  - If so, what types (i.e., IMC, VMC, or altitude reservation)?
- h. Is the airspace under radar coverage?
- i. Is the airspace under communications coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace
- l. Number of sorties flown in FY 1993
  - By Navy/USMC
  - By other services (including reserves and national guard)
- m. Percent of sorties cancelled due to weather. Unknown
- n. Number of available hours in FY 1993 Unknown
- o. Number of scheduled hours in FY 1993 Unknown
  - By Navy/USMC
  - By other services (including reserves and national guard)
- p. Number of hours used
  - By Navy/USMC
  - By other services (including reserves and national guard)
- q. Types of training permitted
- r. Is the training within this airspace affected by environmental issues? If so, how? No.

R

SPECIAL USE AIRSPACE

WARNING AREAS

	<u>DIST</u>	<u>ALT</u>	<u>DIM</u>	<u>ETE</u>	<u>CA</u>	<u>SA</u>
W189	35	UNLTD	4500	5	C	F
W190	35	UNLTD	1500	5	C	F
W191	38	0-3000	220	10	C	F
W192	46	UNLTD	2400	10	C	F
W193	46	UNLTD	2400	10	C	F
W194	46	UNLTD	2700	10	C	F
W196	25	0-2000	60	10	C	F

ALERT AREA

A311	10	0-500	100	10	LC	(1)
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RESTRICTED AREAS

R3101	114	UNLTD	13	20	C	PMRF
R3103	150	0-30000	100	25	C	(1)
R3104	78	0-18000	72	15	C	F
R3107	150	0-18000	72	7	C	F

- NOTES:
- A) CA=CONTROLLING AUTHORITY, SA=SCHEDULING AUTHORITY  
C=HONOLULU CERAP, F=FACSFAC, PEARL HARBOR  
LC=LIGHTNING CONTROL, SCHOFIELD BARRACKS,  
I=CDR USA SCHOFIELD
  - B) ALL AREAS ARE UNDER RADAR AND COMMUNICATIONS COVERAGE.  
ALL AREAS EXCEPT R3101, R3104, A311 ARE ACCESSIBLE BY  
ONE OPTIONAL IFR STEREO ROUTE.
  - C) W190 AND W193 ARE BISECTED BY ONE LOW ALTITUDE AIRWAY,  
NO OTHER AREAS CONTAIN AIRWAYS.
  - D) ALL DIMENSIONS ARE SQUARE NAUTICAL MILES.
  - E) ALL AREAS AVAILABLE SUNSET TO SUNRISE AND BY NOTAM,  
EXCEPT A311 SUNSET TO SUNRISE ONLY AND R3103 AVAILABLE  
BY NOTAM ONLY.

TYPE TRAINING AVAILABLE

W189 THROUGH W194 ALLOW SURFACE AND AIR OPERATIONS. W196 ALLOWS  
SURFACE AND HELICOPTER OPERATIONS. A311 IS FOR LOW LEVEL  
HELICOPTER OPERATIONS.

R3101 CONTAINS NAV, HELICOPTER AND SURFACE OPERATIONS. R3103  
CONTAINS CAS, AERIAL GUNNERY, NAV EXERCISES. R3104 CONTAINS NAV  
OPERATIONS AND R3107 CONTAINS AERIAL GUNNERY AND NAV OPERATIONS.

DATA CALL 38  
Attachment to 12.

R

<u>AREA</u>	<u>HRS. USED</u>	<u>OPS</u>	<u>VV/VM</u>	<u>OTHER</u>	<u>SURFACE</u>
W189	780.30	3517	957	2560	1
W190	236.04	677	404	275	1
W191	76.70	30	24	4	31
W192	650.90	805	446	359	5
W193	450.40	842	215	626	18
W194	426.70	1097	129	968	2
R3101	UNKNOWN				
R3103	UNKNOWN				
R3104	193.20	5	4	1	2
R3107	63.50	143	91	52	0

SORTIES FLOWN BY NAVY/USMC 2270  
 SORTIES FLOWN BY OTHER SERVICES 4845  
 SORTIES FLOWN IN FY 1993 7115

PERCENT OF SORTIES CANCELLED DUE TO WEATHER UNKNOWN  
 NUMBER OF AVAILABLE HOURS IN FY 1993 UNKNOWN  
 NUMBER OF SCHEDULED HOURS IN FY 1993 UNKNOWN

NUMBER OF HOURS USED 2877.74

THE TRAINING WITHIN THIS AIRSPACE IS NOT AFFECTED BY ENVIRONMENTAL ISSUES.

## Facilities

### Air Space and Flight Training Areas

12. List all areas for special use routinely used by aviation units or squadrons assigned to your air station. For each piece of airspace, provide the following data:

See Attachment to 12.

The following questions were answered previously in Data Call Number Sixteen (questions 12b., 12c., and 12d.).

Airspace Designator: \_\_\_\_\_

- a. Type of airspace (i.e., warning area, MOA, alert area, restricted area, or MTR)
- b. Dimensions (nmi. x nmi. x ft of altitude)
- c. Distance from main airfield
- d. Time enroute from main airfield
- e. Controlling agency
- f. Scheduling agency
- g. Are canned/stereo airways needed to access air space?
  - If so, how many?
  - If so, what types (i.e., IMC, VMC, or altitude reservation)?
- h. Is the airspace under radar coverage?
- i. Is the airspace under communications coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace
- l. Number of sorties flown in FY 1993
  - By Navy/USMC
  - By other services (including reserves and national guard)
- m. Percent of sorties cancelled due to weather. Unknown
- n. Number of available hours in FY 1993 Unknown
- o. Number of scheduled hours in FY 1993 Unknown
  - By Navy/USMC
  - By other services (including reserves and national guard)
- p. Number of hours used
  - By Navy/USMC
  - By other services (including reserves and national guard)
- q. Types of training permitted
- r. Is the training within this airspace affected by environmental issues? If so, how? No.

13. List all the air-to-ground training ranges routinely used by aviation units or squadrons assigned to your air station. For each range, provide the following data:

See attachment to previous question - 12.

**Range Name:** \_\_\_\_\_

- a. Location (city/county and state)
- b. Distance from main airfield
- c. Time enroute from main airfield
- d. Controlling agency
- e. Scheduling agency
- f. Are canned/stereo airways needed to access air space?
  - If so, how many?
  - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- g. Is the airspace under radar coverage?
- h. Is the airspace under communications coverage?
- i. Number of low level airways (below 18,000 ft) that bisect airspace
- j. Number of high altitude airways (above 18,000 ft ) that bisect airspace
- k. Number of sorties flown in FY 1993
  - By Navy/USMC
  - By other services (including reserves and national guard)
- l. Percent of sorties cancelled due to weather.
- m. Number of available hours in FY 1993
- n. Number of scheduled hours in FY 1993
  - By Navy/USMC
  - By other services (including reserves and national guard)
- o. Number of hours used
  - By Navy/USMC
  - By other services (including reserves and national guard)
- p. Types of training permitted
- q. Is the training within this airspace impeded by environmental issues?

14. Is land and/or air encroachment an issue which endangers long term availability of any training areas? If so, provide details.

None.

15. Is the SUA/airspace for special use routinely used by aviation units or squadrons assigned to your air station sufficient to satisfy the air-to-air training, air-to-ground training and low level training missions of units assigned to the air station? Explain the nature and magnitude of any shortfalls.

Currently the airspace at MCAF Kaneohe Bay has the ability to increase operations by 50%.

16. If deployments or detachments to other domestic locations are required to satisfy airspace shortfalls, fill out the following tables:

Table 16.1 Deployment Costs

WHERE	REASON	ANNUAL TAD COSTS ADVERSE WEATHER	ANNUAL TAD COSTS AIRSPACE NOT AVAILABLE	ANNUAL TAD COSTS NO LOCAL RANGE/ OTHER
N/A				

## **Airfields**

17. For the main airfield(s) and each auxiliary and outlying field, provide the following data

**Airfield Name:** MCAS Kaneohe Bay

- a. Location: Aboard the air station.
- b. Distance from main field:
- c. Does the airfield have more than one runway complex that can conduct independent (i.e., concurrent) flight operations? No.
- d. Does the airfield have parallel or dual offset runways? No.
- e. If the airfield has parallel or dual offset runways, do they permit dual IFR flight operations? No.
- e. Does the airfield have full-length parallel taxiways? Yes.
- f. Does the airfield have high speed taxiways? No.
- g. Does the airfield have a crosswind runway? No.
- h. If conditions force the use of this runway, does the airfield lose flight ops capacity? N/A
- i. How much capacity is lost? N/A
- j. What percent of the time do conditions force the crosswind runway to be used? N/A
- k. Is the airfield equipped to support IFR flight operations? Yes.
- l. Is the airfield owned by the navy or leased? Owned.
- m. Discuss any runway design features that are specific to particular types of aircraft (e.g., are the airfield facilities designed primarily for helo, prop. or jet train aircraft). No.
- n. Does the air station perimeter road completely encircle the airfield? No.
- o. Is the air station perimeter road 100% paved? If not estimate the percentage paved. N/A.
- p. Does the perimeter fence completely enclose the operational areas of the air station? If not, explain why. Yes.
- q. Is lack of fencing a security discrepancy? N/A.
- r. Other remarks.

18. Are the current airfield descriptions, operations and facilities consistent with the flight information publication (FLIP)? Attach a copy of the latest FLIP chart annotated with any updates. Yes.

**Facilities**

**Base Infrastructure and Investment**

19. List the project number, description, funding year, and value of the **capital improvements at your base completed (beneficial occupancy) during 1988 to 1994.** Indicate if the capital improvement is a result of BRAC realignments or closures.

Table 19.1 Capital Improvement Expenditure

Project Number	Description *	Fund Year	Value (\$M)
88-2000	Repair Swimming Pool, Manana	1987	.13
P-499	Electrical Dist. Improvements	1988	6.11
P-615	BEQ	1988	7.93
P-465	Corrosion Control Hangar	1988	5.35
88-0501	Supply Conversion, Camp Smith	1988	.08
P-460	MACS-2 Operations Facilities	1989	1.81
P-610	Integrated Signals Intelligence Sys Fac	1989	2.43
P-524	BSSG-1 Electronic Maint Fac	1989	2.91
P-530	3d Marines Combat Vehicle Maint Shop	1989	6.57
P-492	Airfield Pavement Improvements (III)	1989	8.76
P-624	Combined Arms Staff Trainer	1989	1.79
KB956R S	Ordnance Admin Bldg.	1989	.18
P-404	Hangar Modifications	1990	7.98
90-2079	Small Arms Magazine, CSTF	1990	.14
P-618	Special Compartmented Info Fac (SCIF)	1990	5.20
90-2083	Armory, CSTF	1990	.20
86-2547	Berm, Range A CSTF	1990	.20
KB151R	Fire Protection Facility	1991	.11
KB152R	Fire Protection Sys (Bldgs 208 & 209)	1991	.09
92-2301	Renovate Fitness Center, Camp Smith	1991	.12

KB131R	Modify Oil/Water Separator	1991	.19
P-404	Fixed-Wing Aircraft Rinse Fac	1991	2.30
P-611	Commissary	1991	15.40
KB206R	Weapons Cleaning Area 3d MAR	1992	.19
KB235R	Sound Attenuation, Bldg 1176	1992	.04
KB203R	Fire Prot Various Bldgs	1992	.15
92-2904	Flag Locker Room, Camp Smith	1992	.12
93-2317	Resurface Training Tank, Camp Smith	1992	.19
09-10-02-07	McDonald's	1993	.91
06005	Remove Asbestos, Bldg 2D	1994	.31
06552	Relocate Snack Bar	1994	.39
06012	Upgrade Command Center	1994	.25

\* No BRAC-related projects.

20.a. List the project number, description, funding year, and value of the **non-BRAC related capital improvements** planned for years 1995 through 1997.

Table 20.1 Planned Capital improvements

Project Number	Description	Fund Year	Value (\$M)
KB164M S	Airfield Pavement Repairs, Phase I	1991	3.800
DAGS Job 12-16-4213	Mokapu Elementary School (State of Hawaii)	1994	2.000
06072	Pave Various Areas	1995	.253
SM404M	Small Arms Impact Berm	1995	2.850
P-623	Child Development Center	95/96	4.520
SM601R	Waterline for Admin Bldg	1996	.227
SM602M	Admin Bldgs Fire Protection	1996	4.084

SM603R	Manana Drainage Canal	1996	.284
SM604M	Fire Prot - Command Ctr	1996	.627
SM605M	Removal of 11 OST's	1996	.450

20.b. List the project number, description, funding year, and value of the **BRAC related capital improvements planned/programmed** for 1995 through 1999.

Table 20.2 **Planned Capital improvements**

Project Number	Description	Fund Year	Value (\$M)
P-269T	Mod Acft Wash/Rinse Fac	1996	1.30
P-270T	Apron/Hangars/Aviation Supply	1996	11.50
P-287T	Helo Landing Pad/LHA Deck	1996	1.25
P-294T	Coast Guard Facilities	1996	11.90
P-508T	Ordnance Facilities	1996	2.80
40423	Aviation Physiological Trng Unit	1996	3.35

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**Personnel Support Facilities**

21.. Administrative Spaces

21.a. In the following table, indicate the available space (SF), individual workstation (PN), and condition for each facility designated or used for administrative purposes.

Table 21.1 Administrative Support Spaces

Building Type	NAVFAC (P-80) category code	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
Administrative office	610-10	165,597	1,103	71,207	475	-	-	236,804	1,578
ADP installations	610-20	8,858	59	6,240	42	-	-	15,098	101
Legal services	610-40	-	-	10,420	69	-	-	10,420	69
Admin storage	610-77	3,865	NA	-	NA	-	NA	3,865	NA
Underground administrative office	620-10	-	-	-	-	-	-	-	-
Underground ADP installation	620-20	-	-	-	-	-	-	-	-
Underground admin storage	620-77	-	NA	-	NA	-	NA	-	NA
Other	620-7X								

21.b. For all facilities that were classified as inadequate in the preceding table, identify the type of facility and describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds. Does the deficiency result in a C3 or C4 designation on your baserep?

None.

22. Describe any administrative support facility limitations. Describe the potential for expansion of the services that administrative support facilities provide.

## Personnel Support Facilities

### 21.. Administrative Spaces

21.a In the following table, indicate the available space (SF), individual workstation (PN), and condition for each facility designated or used for administrative purposes.

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ADP installations	610-20	8,858	59	6,240	42	-	-	15,098	101
Legal services	610-40	-	-	10,420	69	-	-	10,420	69
Admin storage	610-77	3,865	NA	-	NA	-	NA	3,865	NA
Underground administrative office	620-10	-	-	-	-	-	-	-	-
Underground ADP installation	620-20	-	-	-	-	-	-	-	-
Underground admin storage	620-77	-	NA	-	NA	-	NA	-	NA
Other	620-7X								

21.b. For all facilities that were classified as inadequate in the preceding table, identify the type of facility and describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds. Does the deficiency result in a C3 or C4 designation on your baserep?

None.

22. Describe any administrative support facility limitations. Describe the potential for expansion of the services that administrative support facilities provide.

No facilities support limitations required for administrative functions.

Local Area Network (LAN) could be potentially developed to include all administrative functions on base.

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No facilities support limitations required for administrative functions.

Local Area Network (LAN) could be potentially developed to include all administrative functions on base.

While operational units remain about the same, CMC wide Force Structure reorganization of Headquarters elements has resulted in a reduction of administrative space requirements. This has left us with the capability to expand with the administrative facilities that we have.

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23.a. List all specialized training facilities/simulators that are located at or near the air station.

Table 23.1 Specialized Training Facilities/Simulators Onboard/In Vicinity

Type	Purpose and Availability Elsewhere
CAST Facility	Combined Arms Staff Training. Only one in Hawaii
TSFO Facility	Set Fire Observation Training. Only one in Hawaii
MILES EQ	M16A2 Laser Simulation, also available at Schofield Barracks
PGTS Simulators	Tow & Dragon Weapons Sys Trng. Only ones in Hawaii
Steelthrust	Marine Corps Wargame Trng. Only one in Hawaii
Radar Approach Control	Simulated Trng for Radar Approach. Only one in Hawaii

23.b. List other facilities/simulators not available locally that would assist the training mission.

Table 23.2 Facilities/Simulators Desired

Type	Training Function	Location
*PITS	Portable Infantry Target System	MCBH K-Bay

\* Recent word from MARCORSYSCOM states that they are in process of purchasing a PITS system for K-Bay with a projected delivery date in CY96.

24.a. Is there is a NADEP located at the air station?

No.

24.b. Does the NADEP provide any direct support/benefit to the installation's intermediate maintenance mission?

No.

25.a. What ship maintenance facilities are located at the air station? None.

Table 25.1 Ship Maintenance Facilities

Ship Maintenance Facility	Major Capabilities

25.b. What other maintenance facilities do ships homeported/berthed at the air station use on a regular basis?

Table 25.2 Other Ship Maintenance Facilities

Maintenance Activity	Type of Support	Location
N/A		

## Regional Maintenance Concept

26. Has your AIMD been identified to be a part of the Navy's Regional Maintenance concept? If so, provide the details as currently known and what other DON industrial activities (both intermediate and depot level) are located within a 25 mile range of your activity?

**Special Military Facilities**

27. List all facilities at or near the air station that have a special role in military operations (ASWOCs, oceanographic facilities, etc.) of the aircraft or ships based at the installation.

Table 27.1 Special Military Facilities

Type of Facility	Operational Mission of Facility
None	

**Non-DON Facility Support Arrangements**

28. List all inter-service arrangements (e.g., inter-service support agreements) that involve supporting military (non-DON) activities at the air station.

Table 28.1 Non-DON Support

Activity Name / Military Service	Description of Activity Role and Degree of Support
15th Air Base Wing	Logistics support for PMO dogs
Bellows Air Force Station	Treat sewage sludge
Defense Commissary Agency	Tenant support, utilities
Defense Finance and Accounting Service (DFAS)	Tenant support
Defense Fuel Supply Center	Fuel storage
Defense Investigative Service	Office space and utilities

Defense Logistics Agency, Headquarters Det - Pacific	Office space and utilities
Military Traffic Management Command	Office space and utilities
National Security Agency Cryptological Support Service	Office space and utilities
Tripler Army Medical Center	Tenant support for research veterinarians
U.S. Army Support Command Hawaii (USASCH)	Maintenance and repair of Saluting Battery guns
U.S. Army Support Command Hawaii (USASCH)	Housing maintenance and utilities
Hawaii Air National Guard	Controller Training; Use Target Generation Device
Commissary and Exchange Services	Special entry procedures for foreign military VIPs
Joint Military Services in Hawaii	Mutual support for employing spouses in Hawaii
U.S. Army Corps of Engineers	802 Housing Project support

29. List all formal support agreements and other arrangements that involve supporting other governmental agencies (federal, state, local or international) or civilian activities at the air station.

Table 29.1 Other Agencies

Activity / Sponsor / Government Affiliation	Description of Activity Role and Support Level
National Park Service	Remove mangrove trees in wildlife management area on base
14th Coast Guard	Search and air rescue support
All Services	Disabled military vehicles, mutual wrecker service
Armed Services YMCA	Off space and utilities
Bureau of Alcohol, Tobacco & Firearms	Between DoD and ATF for temporary storage or disposal of explosives
Department of Agriculture	Fruit fly rearing facility support, provide fuel
General Services Administration (MCBH at Camp Smith)	Provide fuel to vehicles
Hawaii Department of Education	(Public school on base) Student information placement
Hawaii Department of Public Safety	Berth patrol boat
Hawaii State Employment Service Administration & Department of Veterans Affairs	Classroom facilities
Parents Anonymous of Hawaii	Support group program and facilities
Veterans Administration	Counseling service to MCBH Military and Families

Windward Community Federal Credit Union	Counseling service to MCBH Military and Families
U.S. Customs Service	Radio repeater system on base
U.S. Customs Service	Berth customs boat
U.S. Marshals Service	Use of rifle and pistol ranges
Brigham Young University	Social Work Interns at MCBH
Chaminade University	Psychology Interns at MCBH
Hawaii Pacific University	Nursing interns and facilities (Camp Smith)
Honolulu Community College	Classrooms and radio operations
University of Arizona	Classrooms and equipment
University of Hawaii	Student Intern Program
University of Hawaii (Pending)	Office space for Hawaii Institute of Geophysics
Wayland Baptist University	Classrooms (Camp Smith)
City and County of Honolulu Police	Special weapons and tactics (SWAT) mutual support
Bank of Hawaii	Station use of the bank

## LOCATION

### Proximity to Operational Mission Areas

30.a. Describe the areas where aircraft based at this air station routinely conduct operational missions (vice training missions). Include details on the distance from the air station, average transit times and average length of time the aircraft spend in the operating areas.

Kaneohe - Hawaii 130NM PTA  
Kaneohe - Dillingham 5NM  
Okinawa, Japan - 10 day transit via ship  
1 day transit via C-5  
Big Island, Hawaii - 1.5 hrs via CH46/CH53D  
Cambodia - 2 days via C-5 through Thailand

30.b. Does the location of the air station permit any specialized training with other operational units (i.e. Battle Groups or Joint forces)? If so, provide details.

RIMPAC Exercises  
MEUSOC

30.c. Do squadrons routinely have to deploy to conduct carrier qualifications or other required training?

Carrier qualifications conducted quarterly dependent upon USN shipping availability in adjacent waters.

**Proximity to other support facilities**

31.a. List all primary airfields in the local flying area that are available for training and emergency uses.

Table 31.1 Local Airfields

Airfield Name	Major Use / Capability	Location / Distance
Hickam AFB	Air Force Base/Training Facility	20 Miles
Barbers Point	Naval Air Station	30 Miles
Wheeler Army Air Field	U. S. Army	30 Miles
Barking Sands	Det Locale/Fuel	60NM - W. Oahu
Bradshaw	Det Locale	130MN - Hawaii

31.b. What other military facilities located in the vicinity are/could be used to support the air station's and tenants' mission?

Table 31.2 Other Military Facilities

Military Facility Name	Actual / Proposed Use	Distance
None		

31.c. What civilian-owned facilities located in the vicinity are/could be used to support the air station's and tenants' mission?

Table 31.3 Civilian Facilities

Civilian Facility Name	Actual / Proposed Use	Distance

Honolulu International Airport	International/Interisland Flights	20 Miles

Location

**Proximity to Major Transportation Nodes**

32. List the major transportation facilities (both military and civilian) that play a significant logistics role and/or could play a role in any future operational deployment and mobilization plans.

Table 32.1 Transportation Nodes (CAMP SMITH)

Facility	Mobilization Role	Location
Honolulu International Airport	Civilian Air Support	8 Miles
Hickam AFB	Military Air Support	8 Miles
Barbers Point	Military Air Support	18 Miles
Pearl Harbor	Sea Lift Support	5 Miles
Honolulu Harbor	Civilian Sea Lift Support	12 Miles
MCBH K-Bay	Military Air Support	20 Miles

Table 32.1 Transportation Nodes (MCBH KANEHOE BAY)

Facility	Mobilization Role	Location
Honolulu International Airport	Civilian Air Support	20 Miles
Hickam AFB	Military Air Support	20 Miles
Barbers Point	Military Air Support	30 Miles
Pearl Harbor	Sea Lift Support	20 Miles
Honolulu Harbor	Civilian Sea Lift Support	18 Miles
MCBH K-Bay	Military Air Support	-

## Features and Capabilities - Weather

33.a. What percentage of the time (on average, by month) does the local weather affect training operations and restrict airfield sortie rates? Use the following chart and add any further descriptions on how weather generally impacts airfield and training operations (recurring wind or fog conditions, etc.). Also fill out the chart for outlying fields if the information is available.

Table 33.1 Weather Information

Field Name: MCAF Kaneohe Bay

Month	% of Hours <sup>1</sup> VMC	% of Hours IMC	% of Hours Below 200 ft Ceilings and 1/2 Mile Visibility	% of All Sorties Canceled <sup>2</sup> Due to Weather
Jan.	99	1	-	0
Feb.	99	1	-	0
Mar.	99	1	-	0
Apr.	100	-	-	0
May	100	-	-	0
June	100	-	-	0
July	100	-	-	0
Aug.	100	-	-	0
Sept.	100	-	-	0
Oct.	100	-	-	0
Nov.	99	1	-	0
Dec.	99	1	-	0

<sup>1</sup>Percentage of total normal operating hours that specified weather conditions were observed (include list of normal operating hours used for this calculation).

<sup>2</sup>Only include lost sorties (do not include sorties delayed or rescheduled).

33.b. List the normal operating schedule used for the calculations on the previous table. Indicate if this schedule varies by month or season.

Table 33.2 Operating Hours

Day	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Operating Schedule	24	24	24	24	24	24	24

33.c. Do local weather conditions have a regular impact on maintenance schedules? If so, describe how the air station accommodates these conditions.

No. During inclement weather, maintenance is conducted in hangar spaces.

33.d. Do the normal weather conditions at the most frequently used training areas pose a significant problem for scheduling training sorties? If so, are alternate training areas used? Does the use of alternate training facilities involve relocating aircraft and support personnel to other air stations during certain times of the year?

No.

33.e. Does the local climate and geography provide unique training opportunities to the aircraft assigned to the air station (e.g., frequent opportunities for all-weather training)?

99.6% of time this field is VFR.

## Encroachment

34.a. Do current estimates of population growth and development or environmental constraints pose problems for existing or planned AICUZ restrictions (i.e., safety of flight, noise)? Attach a copy of any applicable sections of the air station AICUZ plan and note any recent modifications.

(1) The civilian communities closest to MCAS Kaneohe Bay are Kailua and Kaneohe. These communities are predominantly single-family suburban "bedroom communities." Most of the residents who live in these areas commute to work in Honolulu or other Leeward destinations via the Likelike or Pali Highways.

(2) Kamehameha Highway, Kaneohe Bay Drive and Kahekili Highway are the primary east/west lateral roadways serving the community of Kaneohe. Currently, there is no freeway system to the Kaneohe area. However, the State is now building the trans-Koolau H-3 Freeway, with an estimated completion date of 1994.

(3) In addition to residential land use, there are several other significant uses in the Kaneohe Bay area. Major commercial activities are located along Kamehameha Highway from Likelike Highway to Haiku Road.

(4) There is no heavy industry, but several light industries are located along Kahuhipa Street. Institutional uses include several State of Hawaii elementary schools, Castle High School and King Intermediate School. Windward Community College, Hawaii State Hospital and Hawaii Loa College are also located in Kaneohe.

(5) The majority of the shoreline from MCAS Kaneohe Bay to Heeia Pond is primarily developed in residential housing. North and west of Heeia Pond, the shoreline changes from residential to agricultural, rural or undeveloped open space.

(6) There are several small islands within Kaneohe Bay. Moku O Loe (Coconut Island) the only inhabited island, comprises 25 acres. Approximately half of this area is landfill formed by dredged material from the main Kaneohe Bay channel.

(7) Three other small uninhabited islands are located near MCAS Kaneohe Bay. These islands are seabird sanctuaries managed by the State of Hawaii. Aircraft operations have not adversely affected these bird habitats.

(8) Due to the geographical location and current land use, encroachment issues aboard MCAS Kaneohe are minimal.

(See attached AICUZ Pamphlet.)

34.b. Are there any known plans for a significant increase of commercial airline traffic in

your area? If so, describe.

No

35.a. Have there been any ATC delays (15 minutes or greater) between initial take-off request and actual take-off during the past three years as a result of civilian traffic? If so, please complete the following table.

No.

Table 35.1 Delays

Fiscal Year	Average Delay (minutes)	Number of Delays	% of Total Flight Operations Scheduled
1991			
1992			
1993			

35.b. How many times during each of the past three years have any of your low level training routes been modified to accommodate development or population growth (noise complaints)?

Table 35.2 Required Changes

Fiscal Year	Number of changes
1991	None
1992	None
1993	None

36.a. Is the existing AICUZ study encoded in local zoning ordinances?

No.

36.b. Provide a description of local zoning ordinances and their impact on future encroachment, restricted flight hours and details of any litigation history.

The engine test cell is not allowed to operate past 2200 (L)

36.c. Do current estimates of population growth and development or environmental constraints pose problems for existing or planned missions/other operations/or development.?

No.

36.d. Provide a summary of the current and proposed land development plans for the area surrounding the air station (e.g. the local government's comprehensive land-use plan).

Off-station areas are governed by zoning regulations of both the State of Hawaii and the City and County of Honolulu. State regulations are established by the State Land Use Law, which provides for Urban, Rural, Agricultural, and Conservation land use districts. The States manages conversation lands and the City and County manages agricultural, rural, and urban lands via development plans and zoning regulations.

The current development plans for Oahu were adopted by the Honolulu City Council in 1987. The Koolaupoko Development Plan, which includes the area occupied by MCBH Kaneohe Bay, shows the distribution, intensity of land use, and the location of public facilities. Most existing land use is consistent with the development plan, as well as current zoning districts.

Major zoning districts for the Kailua and Kaneohe areas are shown in Figure C-31. Zoning is used to carry out the intent of the development plan, and is administered by the City and County Department of Land Utilization. As shown in the figure, residential land uses are the dominant type of use on lands surrounding the Base.

36.e. Discuss briefly any ongoing litigation concerning environmental or airspace problems.

None.

## Features and Capabilities

### Ability for Expansion

37. List the features of this air station that make it a candidate for basing other types of aircraft and other operational units in the future.

Air Station Feature	Benefit for Aircraft Squadrons
*N/A	

\*NOTE: BRAC-93 decisions and planned aircraft loading would preclude additional types/numbers of aircraft.

38.a. Are there any assets in the vicinity of the air station that are currently not used because of a deficiency but could be improved or enhanced to increase the air station's capabilities?

Yes. The transfer of Bellow AFS to USMC control would significantly increase training acreage adjacent to Marine Corps Base Hawaii.

38.b. Does the operational infrastructure (i.e., parking apron, fuel and munitions storage, warehouse space, hangar space) meet current requirements and provide capabilities for future expansion or change in mission?

Yes. However, additional MILCON is required to satisfy requirements of BRAC-93.

39. Give the average level of SELRES drill participation for the past three years (i.e. percentage attending regular and make-up drills). These numbers should reflect the participation of the SELRES population reported in your Capacity Data Call.

	FY-1991	FY-1992	FY-1993
OFFICER	N/A	N/A	N/A
ENLISTED	N/A	N/A	N/A

40. Does the local area provide a skilled work force that is essential for air station operations? Are these skills unique to the area or readily duplicated or available elsewhere?

There has been no lack of skilled personnel to support Air Station Operations in recent history.

**Quality of Life**

**41. Military Housing**

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing?

NO

(2) For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	84	84	0	0
Officer	3	260	260	0	0
Officer	1 or 2	32	32	0	0
Enlisted	4+	361	361	0	0
Enlisted	3	942	942	0	0
Enlisted	1 or 2	692	692	0	0
Mobile Homes					
Mobile Home lots					

NOTE: The total 2,371, includes 2,197 units at Kaneohe, 168 units at Manana Housing Area and 6 units at Camp Smith. The 2,197 units at Kaneohe includes the 276 (802 Housing) units, which are on-base, used almost exclusively by USMC, and are on Army account for administrative purpose. The 276 (802 Housing) units are expected to return to our plant account as OCFH is in the process of deconsolidation.

(3) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information: N/A

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost?

Current improvement plans and programmed funding: None.  
Has this facility condition resulted in C3 or C4 designation on your BASEREP?

No.

41.a.(4) Complete the following table for the military housing waiting list.  
KANE OHE BAY LOCATION

Pay Grade	Number of Bedrooms	Number on List <sup>1</sup>	Average Wait
O-7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	0	0
O-4/6	1	N/A	N/A
	2	N/A	N/A
	3	17	24 mo.
	4+	11	12 mo.
O-1/2/3/CWO	1	N/A	N/A
	2	51	14 mo.
	3	1	3 mo.
	4+	1	12 mo.
E6-E9	1	N/A	N/A
	2	13	4 mo.
	3	7	1 mo.
	4+	3	1 mo.
E4-E5	1	N/A	N/A
	2	26	1 mo.
	3	5	1 mo.
	4+	8	3 mo.
E1-E3	1	N/A	N/A
	2	180	18 mo.
	3	N/A	N/A
	4+	N/A	N/A

<sup>1</sup>As of 31 March 1994



CAMP SMITH (Combined list for Army, Navy and Marine)

Pay Grade	Number of Bedrooms	Number on List <sup>1</sup>	Average Wait
O-7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	N/A	N/A
O-4/6	1	N/A	N/A
	2	N/A	N/A
	3	34	6 mo.
	4+	9	9 mo.
O-1/2/3/CWO	1	N/A	N/A
	2	58	4 mo.
	3	9	2 mo.
	4+	7	9 mo.
E6-E9	1	N/A	N/A
	2	12	2 mo.
	3	33	3 mo.
	4+	19	3 mo.
E1-E5	1	N/A	N/A
	2	522	4 mo.
	3	73	2 mo.
	4+	40	4 mo.

<sup>1</sup>As of 31 March 1994

**41.a.(5)**

What do you consider to be the top five factors driving the demand for base housing?  
Does it vary by grade category? If so provide details.

Top Five Factors Driving the Demand for Base Housing	
1	Convenience - proximity near work.
2	Military Community
3	Affordable
4	Security
5	Availability

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

90%

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	98.94
Substandard	98.25
Inadequate	N/A

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason?

No.

**41.b. BEQ: FOR KANEOHE BAY**

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	87.5
Substandard	60.0
Inadequate	0.0

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Yes, occupancy rate for adequate quarters in March 1994 was 92.4% and 0% for substandard and inadequate quarters. Change since FY93 is because of the 1st MEB drawdown, allowing us to house all unaccompanied personnel adequately by the current Minimum Standard of Adequacy (MSA). Occupancy rate is below 95% because we have more quarters than we have personnel to house.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{259 \times 365}{365}$$

.....

**AOB = 259**

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	199	76.8	
Spouse Employment (non-military)	19	7.3	
Other	41	15	Separation
<b>TOTAL</b>	259	100	

(5) How many geographic bachelors do not live on base? 56

41.b. BEQ: FOR CAMP SMITH

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	69.0
Substandard	
Inadequate	

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No. Reason - adequate quarters out number current requirements.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{10 \times 365}{365}$$

.....

**AOB = 10**

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	10	100	N/A
Spouse Employment (non-military)	0	0	N/A
Other	0	0	N/A
<b>TOTAL</b>	<b>10</b>	<b>100</b>	

(5) How many geographic bachelors do not live on base? 0

41.c. BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	0*
Substandard	58.3
Inadequate	N/A

\*NOTE: Shut down for renovations (now open).

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

Yes, occupancy rate for adequate quarters in March 1994 was 92.4% and 0% for substandard and inadequate quarters. Change since FY93 is because of the 1st MEB drawdown, allowing us to house all unaccompanied personnel adequately by the current Minimum Standard of Adequacy (MSA). Occupancy rate is below 95% because we have more quarters than we have personnel to house.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$AOB = \frac{11 \times 365}{365}$$

.....

**365**  
AOB = 11

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	9	81.8	
Spouse Employment (non-military)	1	9.1	
Other	1	9.1	Separation
<b>TOTAL</b>	<b>11</b>	<b>100</b>	

(5) How many geographic bachelors do not live on base? 0

On Base MWR Facilities

42. For on-base MWR facilities<sup>1</sup> available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION \_\_\_\_\_ DISTANCE \_\_\_\_\_

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	36	No
	Outdoor Bays	13	No
Arts/Crafts	SF	8,865	No
Wood Hobby	SF	3,311	No
Bowling	Lanes	30	Yes
Enlisted Club	SF	65,372	No
Officer's Club	SF	54,128	Yes
Library	SF	10,838	No
Library	Books	49,492	No
Theater	Seats	900	Yes
ITT	SF	792	Yes
Museum/Memorial	SF	2,363	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	33	No
Beach	LF	16,100	N/A
Swimming Ponds	Each	0	N/A
Tennis CT	Each	13	No

<sup>1</sup>Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	5	No
Basketball CT (outdoor)	Each	12	No
Racquetball CT	Each	9	No
Golf Course	Holes	18	Yes
Driving Range	Tee Boxes	23	Yes
Gymnasium	SF	29,047	No
Fitness Center	SF	26,399	No
Marina	Berths	40	Yes
Stables	Stalls	45	Yes
Softball Fld	Each	10	No
Football Fld	Each	1	No
Soccer Fld	Each	4	No
Youth Center	SF	3	No

43. Is your library part of a regional interlibrary loan program? Yes.

44. Base Family Support Facilities and Programs

a. Complete the following table on the availability of child care in a child care center on your base.

EARLY CHILD DEVELOPMENT CENTER

Age Category	Capacity (Children )	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	8*		689*		13	157
6-12 Mos	*		-		13	248
12-24 Mos	10		501		53	288
24-36 Mos	12		719		27	234
3-5 Yrs	66		2423		16	113

\* Children in first two age categories are combined for capacity and square footage.

PRESCHOOL PROGRAM

Age Category	Capacity (Children )	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos						
6-12 Mos						
12-24 Mos						
24-36 Mos						
3-5 Yrs	72*	4012.75			0	N/A

\* Capacity is 72 in morning session and 72 in afternoon session. Total children accommodated by Preschool Program is 144.

PRESCHOOL PROGRAM

Age Category	Capacity (Children )	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
3-19 Mos	8	330				
19-29 Mos	10	484				
30 Mos - 12 Yrs	24	800				

\* No standard waiting list. Occasional waiting list depending on demand per requested hour(s).

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

Information requested is for inadequate facilities only. None of our square footage is inadequate. I have listed square footage as substandard based on the lengthy waiting list for children under the age of three years and the fact that we have many outstanding work requests related to fire, safety, and sanitation requirements which will need to be funded.

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost?

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list.

Parents are referred to civilian center-based facilities in the adjacent community. There are 16 center-based programs in the civilian community which serve children under the age of five years. Four of these facilities serve children under three years. Parents are also referred to a community referral service for family child care homes off base.

d. How many "certified home care providers" are registered at your base?

Presently 35 certified family child care homes.

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs).

No.

R

45. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

	Service	Unit of Measure	Qty
1	Exchange	SF	48,143
2	Gas Station	SF	5,882
3	Auto Repair	SF	3,233
4	Auto Parts Store	SF	4,013
5	Commissary	SF	71,200
6	Mini-Mart	SF	21,722
7	Package Store	SF	10,598
8	Fast Food Restaurants	Each	7
9	Bank/Credit Union	Each	2
10	Family Service Center	SF	5,800
11	Laundromat	SF	0
12	Dry Cleaners	Each	1
	ARC	PN	1
13	Chapel	PN	350
	FSC Classrm/Auditorium	PN	0
	Animal Care Clinic	SF	1,014
	Golf Pro Shop	SF	1,100
	Barber/Beauty Shop	Chairs	24
	Optical Shop	SF	143
	1 Hr Photo Shop	SF	219
	Video Tape Rental	SF	1,093
	SCUBA Retail Store	SF	1,948

45. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Service	Unit of Measure	Qty
Exchange	SF	48,143
Gas Station	SF	5,882
Auto Repair	SF	3,233
Auto Parts Store	SF	4,013
Commissary	SF	
Mini-Mart	SF	21,722
Package Store	SF	10,598
Fast Food Restaurants	Each	7
Bank/Credit Union	Each	2
Family Service Center	SF	
Laundromat	SF	0
Dry Cleaners	Each	1
ARC	PN	
Chapel	PN	
FSC Classrm/Auditorium	PN	
Animal Care Clinic	SF	1,014
Golf Pro Shop	SF	1,100
Barber/Beauty Shop	Chairs	24
Optical Shop	SF	143
1 Hr Photo Shop	SF	219
Video Tape Rental	SF	1,093
SCUBA Retail Store	SF	1,948
Recreational Gear Rental	SF	2,034
Temp Lodging Fac	Rooms	24
Beach Cottages	Cottages	14

Tailor Shop	SF	1,950
Phone Center	Booths	30

46. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Honolulu	15
San Francisco	2,407
Los Angeles	2,620

47. Standard Rate VHA Data for Cost of Living

Paygrade	With Dependents	Without Dependents
E1	513.17	287.12
E2	496.14	312.01
E3	496.96	366.18
E4	548.28	382.66
E5	563.70	393.58
E6	613.58	417.68
E7	655.81	455.57
E8	651.05	492.19
E9	817.47	620.56
W1	660.61	501.71
W2	729.46	572.14
W3	723.03	587.76
W4	696.74	617.76
O1E	651.10	482.96
O2E	647.81	516.48
O3E	719.82	608.97
O1	706.02	520.25
O2	671.19	524.61
O3	687.63	578.94
O4	667.94	580.85
O5	681.79	563.83
O6	744.57	616.29
O7	684.31	555.99

**48.a. Off-base housing rental and purchase**

a. Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	850.00	700.00	65.00
Apartment (1-2 Bedroom)	1000.00	900.00	85.00
Apartment (3+ Bedroom)	1200.00	1100.00	105.00
Single Family Home (3 Bedroom)	1600.00	1300.00	135.00
Single Family Home (4+ Bedroom)	1900.00	1600.00	162.00
Town House (2 Bedroom)	1200.00	1000.00	85.00
Town House (3+ Bedroom)	1400.00	1200.00	105.00
Condominium (2 Bedroom)	1100.00	1000.00	85.00
Condominium (3+ Bedroom)	1300.00	1200.00	105.00

**48.b.** What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	99
Apartment (1-2 Bedroom)	99
Apartment (3+ Bedroom)	99
Single Family Home (3 Bedroom)	99
Single Family Home (4+ Bedroom)	99
Town House (2 Bedroom)	99
Town House (3+ Bedroom)	99
Condominium (2 Bedroom)	99
Condominium (3+ Bedroom)	99

**48.c.** What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	\$350,000.00
Single Family Home (4+ Bedroom)	\$400,000.00
Town House (2 Bedroom)	\$199,000.00
Town House (3+ Bedroom)	\$220,000.00
Condominium (2 Bedroom)	\$199,000.00
Condominium (3+ Bedroom)	\$220,000.00

48.d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0

(e) Describe the principle housing cost drivers in your local area.

Honolulu has the highest housing prices of the major metropolitan areas of the U.S. House prices experienced sharp increases (more than doubling) in the late 1980's due in part to speculative investment from Japan, but have remained reasonably stable since then.

Despite soft economic conditions over the last few years, the underlying requirement for housing has remained reasonably strong. All three major sources of outside income to Hawaii (defense, agriculture and tourism) have weakened, however, Hawaii remains attractive to migrants particularly due to the weather and other lifestyle reasons. Hawaii has experienced positive net migration both from the continental United States and the Pacific (chiefly from the Philippines).

Also, demand for housing has been stimulated by low interest rates, although

recent rises and the prospect of further rises may have some dampening effect on the market. The planned further construction of military housing will have some effect, by reducing the demand for civilian housing by military families.

The cost of land for housing is high. Oahu is a small island, and the vacant land available for new housing is limited by the topography and large military land holdings (the military holds 23 percent of land). Land production costs are also affected by State and county regulatory barriers (planning, zoning and permitting processes) which are more bureaucratic and time consuming than in many other locations. There are infrastructure capacity problems (particularly waste water) which increase production costs.

The isolation of Oahu has resulted in increased building material prices due to high freight costs and probably less competition between suppliers in the small market. Housing production costs are also affected by the higher cost structure in Hawaii - insurance, fuel taxes etc.

49. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
N/A		

50. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

KANEOHE BAY LOCATION

Location	% Employees	Distance (mi)	Time(min)
Kailua	35	2	15
Kaneohe	35	5	15
Honolulu	15	10	30
Aiea	10	18	45
Pearl City	5	23	60

51. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the air station (to include any outlying fields) and their dependents:

51.a. List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution (CAMP SMITH HOUSING AREA)	Type	Grade Level(s)	Special Education Available	Annual Enrollmen t Cost per Student	1993 Avg SAT/ ACT Score	% HS Grad to Higher Educ	Source of Info
Webling Elementary	Publi c	K-6	Yes	N/A	N/A	N/A	Pearl Harbor Family Services
Aiea Intermediate	Publi c	7-8	Yes	N/A	N/A	N/A	Pearl Harbor Family Service
Aiea High School	Publi c	9-12	Yes	N/A			School Counsel or

Institution (MANANA HOUSING AREA)	Type	Grade Level(s)	Special Education Available	Annual Enrollmen t Cost per Student	1993 Avg SAT/ ACT Score	% HS Grad to Higher Educ	Source of Info

Pearl City Elementary	Public	K-6	Yes	N/A	N/A	N/A	Pearl Harbor Family Services
Highlands Intermediate	Public	7-8	Yes	N/A	N/A	N/A	Same as above
Pearl City High School	Public	9-12	Yes	N/A			School Counselor

Institution (ALIAMANU HOUSING AREA)	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info
Webling Elementary	Public	K-6	Yes	N/A	N/A	N/A	Pearl Harbor Family Services
Red Hill Elementary	Public	K-6	Yes	N/A	N/A	N/A	Same as above
Makalapa Elementary	Public	K-6	Yes	N/A	N/A	N/A	Same as above
Pearl Harbor Elementary	Public	K-6	Yes	N/A	N/A	N/A	Same as above
Nimitz Elementary	Public	K-6	Yes	N/A	N/A	N/A	Same as above
Pearl Harbor Kai Elementary	Public	K-6	Yes	N/A	N/A	N/A	Same as above

Mokulele Elementary School	Public	K-6	Yes	N/A	N/A	N/A	Same as above
Moanalua Intermediate	Public	7-8	Yes	N/A	N/A	N/A	Same as above
Aliamanu Intermediate	Public	7-8	Yes	N/A	N/A	N/A	Same as above
Moanalua High School	Public	9-12	Yes	N/A			School Counselor
Radford High School	Public	9-12	Yes	N/A	Verbal 401 Math 440	73*	School Counselor

\* 29% to 4-yr college + 44% to 2-yr college.

**51.b.** List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

**FOR CAMP SMITH LOCATION**

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Emry-Riddle Aeronautical University	Day No	No				
	Night Yes	No				NO
Leeward Community College	Day Yes	No	Yes	Yes	Yes	NO
	Night Yes	No	Yes	Yes	Yes	NO
University of Hawaii	Day Yes	No	No	Yes	Yes	Yes
	Night Yes	No	No	Yes	Yes	Yes
Aiea High School	Day No	No	Offer Gen Interest	No	No	NO
	Night Yes	Yes	Gen Interest	No	No	NO
Moanalua High School	Day No	No	Gen Interest	No	No	NO
	Night Yes	Yes	Gen Interest	No	No	NO

51.c. List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

AT CAMP SMITH LOCATION

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Chaminade University of Honolulu	Day Yes	No	No	Yes	Yes	Yes
	Night Yes	No	No	Yes	Yes	Yes
	Correspondence No	No	No	No	No	No
Hawaii Pacific University	Day Yes	No	No	Yes	Yes	Yes
	Night Yes	No	No	Yes	Yes	Yes
	Correspondence No	No	No	No	No	No
Wayland Baptist University	Day No	No	No	Yes	Yes	No
	Night Yes	No	No	Yes	Yes	No
	Correspondence No	No	No	No	No	No
	Day					
	Night					
	Correspondence					

**52. Spousal Employment Opportunities**

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	Not Available	65	48	Not available
Manufacturing	"	1	0	"
Clerical	"	162	174	"
Service	"	140	179	"
Other	"	27	42	"
Unemployment rate	2.3%	3.2%	3.2%	

Information provided by Pearl Harbor Family Service Center.

**53.** Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

No. Adequate facilities and manpower are available to meet current demands. Additionally, there are sufficient local dental and medical facilities that participate in programs such as the Delta Dental Plan and CHAMPUS Programs. However, this is the only military facility on the windward side of Oahu.

**54.** Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

No. Adequate facilities and manpower are available to meet current demands. Additionally, there are sufficient local dental and medical facilities that participate in programs such as the Delta Dental Plan and Champus Programs. However, this is the only military facility on the windward side of Oahu.

55. Complete the table below to indicate the crime rate for your air station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

CAMP SMITH LOCATION

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	No information available	0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
2. Blackmarket (6C)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
3. Counterfeiting (6G)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
4. Postal (6L)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0

Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	No information available	0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
6. Burglary (6N)		24	4
Base Personnel - military		17	2
Base Personnel - civilian		7	-
Off Base Personnel - military		-	-
Off Base Personnel - civilian		-	2
7. Larceny - Ordnance (6R)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
8. Larceny - Government (6S)		14	4
Base Personnel - military		8	1
Base Personnel - civilian		-	-
Off Base Personnel - military		-	-
Off Base Personnel - civilian		6	3

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	No information available	29	15
Base Personnel - military		24	-
Base Personnel - civilian		5	1
Off Base Personnel - military		-	-
Off Base Personnel - civilian		-	14
10. Wrongful Destruction (6U)		12	10
Base Personnel - military		4	-
Base Personnel - civilian		-	10
Off Base Personnel - military		-	-
Off Base Personnel - civilian		8	-
11. Larceny - Vehicle (6V)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
12. Bomb Threat (7B)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	No information available	0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
14. Assault (7G)		20	6
Base Personnel - military		14	6
Base Personnel - civilian		4	-
Off Base Personnel - military		-	-
Off Base Personnel - civilian		2	-
15. Death (7H)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0
16. Kidnapping (7K)		0	0
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0

MCBH KANEOHE BAY

Crime Definitions	FY 1991	FY 1992	FY 1993
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1. Arson (6A)			
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
2. Blackmarket (6C)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
4. Postal (6L)			
Base Personnel - military	0	1	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	1	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)			
Base Personnel - military	53	47	32
Base Personnel - civilian	0	0	0
Off Base Personnel - military	6	5	4
Off Base Personnel - civilian	0	0	0
7. Larceny - Ordnance (6R)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)			
Base Personnel - military	61	135	110
Base Personnel - civilian	4	8	0
Off Base Personnel - military	35	116	75
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military	303	333	300
Base Personnel - civilian	1	5	0
Off Base Personnel - military	78	126	80
Off Base Personnel - civilian	0	0	0
10. Wrongful Destruction (6U)			
Base Personnel - military	282	203	234
Base Personnel - civilian	4	14	2
Off Base Personnel - military	19	24	9
Off Base Personnel - civilian	0	0	0
11. Larceny - Vehicle (6V)			
Base Personnel - military	1	4	1
Base Personnel - civilian	1	0	0
Off Base Personnel - military	4	4	3
Off Base Personnel - civilian	0	0	0
12. Bomb Threat (7B)			
Base Personnel - military	0	1	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)			
Base Personnel - military	125	98	91
Base Personnel - civilian	0	0	2
Off Base Personnel - military	47	39	40
Off Base Personnel - civilian	0	0	0
15. Death (7H)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	1	2	4
Off Base Personnel - civilian	0	0	0
16. Kidnapping (7K)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	2	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military	4	5	17
Base Personnel - civilian	0	0	0
Off Base Personnel - military	3	1	1
Off Base Personnel - civilian	0	0	0
19. Perjury (7P)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)			
Base Personnel - military	2	2	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	4	8	7
Off Base Personnel - civilian	0	0	0
21. Traffic Accident (7T)			
Base Personnel - military	68	148	165
Base Personnel - civilian	7	16	6
Off Base Personnel - military	3	30	5
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)			
Base Personnel - military	0	4	2
Base Personnel - civilian	0	1	2
Off Base Personnel - military	0	0	1
Off Base Personnel - civilian	0	0	0
23. Indecent Assault (8D)			
Base Personnel - military	0	2	4
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	3
Off Base Personnel - civilian	0	0	0
24. Rape (8F)			
Base Personnel - military	5	7	3
Base Personnel - civilian	0	0	0
Off Base Personnel - military	8	2	3
Off Base Personnel - civilian	0	0	0
25. Sodomy (8G)			
Base Personnel - military	2	2	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

C. D. KUHN, JR.  
NAME (Please type or print)  
Commanding General  
Title  
MCBH Kaneohe Bay, Hawaii  
Activity

Coleman D Kuhn  
Signature  
940613  
Date

DATA CALL 38 MCB HAWAII

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

J.A. BRABHAM  
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
LIEUTENANT GENERAL, U.S. MARINE CORPS  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)  
DEPUTY CHIEF OF STAFF FOR  
INSTALLATIONS AND LOGISTICS (print)

Signature

Title

Date

8/1/94

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

R K RIGGS

\_\_\_\_\_  
NAME (Please type or print  
Acting Deputy Chief of Staff  
for Installations and Logistics

\_\_\_\_\_  
Signature



\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

9 Nov 1994

**BRAC-95 CERTIFICATION**

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DATA CALL:** 38

**ACTIVITY:** MCB HAWAII

**PAGE (S):** 4, 4a, 8, 8a, 8b, 16, 17, 54

**BSWG REVIEW OFFICIAL**

G. W. MOORE (MAJOR)  
NAME (Please type or print)

LONG RANGE LAND USE PLANNER  
Title

G W Moore  
Signature

9 NOV 94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

K. E. GREGORY

NAME (Please type or print)

Lieutenant Colonel

Title

Division

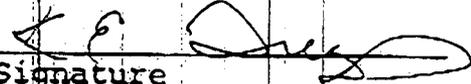
G-3

Department

MCBH, Kaneohe Bay, Hawaii

Activity

Corrections to DATA CALL #38

  
Signature

10/12/94

Date

Enclosure (1)

43

2 MAY 1994

**CAPACITY ANALYSIS:  
DATA CALL WORK SHEET FOR  
MARINE CORPS BASES: Marine Corps Base Hawaii, Camp H. M. Smith  
Marine Corps Base Hawaii, Kaneohe Bay**

**Category ..... Operational Support  
Sub-category ..... Marine Corps Bases  
Claimant ..... CMC**

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

## Data for Capacity Analysis

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## Mission Requirements

### Units Supported.

1. Indicate the number of all active duty FMF units listed below which were **tenant units** aboard this installation on receipt of this data call, and provide the manning level (PN) and number of the units for each of the FYs below.

The manning level (PN) numbers reflect FMF allocations - not including Navy.

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	# Units	PN						
MEF HQ	N/A							
MEB (Command Element)	1	169	0	0	0	0	0	0
MEU (Command Element)	N/A							
DIV HQBN	N/A							
INF BN (entire BN)*	2	1858	2	1858	2	1858	2	1858
ARTILLERY BN (entire BN)*	1	651	1	528	1	528	1	528
RECON BN	N/A							
TANK BN (entire BN)*	N/A							
ASSAULT AMPHIB BN (entire BN)*	N/A							
CMBT ENGINEER BN (entire BN)*	N/A							
LAI BN (entire BN)*	N/A							
H&S BN (FSSG)	N/A							
MAINTENANCE BN (entire BN)*	N/A							
SUPPLY BN (entire BN)*	N/A							

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	# Units	PN	# Units	PN	# Units	PN	# Units	PN
ENG SPT BN (entire BN)*	N/A							
LANDING SPT BN (entire BN)*	N/A							
MT BN (entire BN)*	N/A							
MEDICAL BN	N/A							
DENTAL BN	N/A							
BSSG (CE)	1	1317	0	0	0	0	0	0
SRIG HQ	N/A							
RADIO BN (entire BN)*	1	549	1	549	1	549	1	549
COMM BN (entire BN)*	N/A							
ANGLICO	N/A							
UAV CO	N/A							
SRI GROUP H&S CO	N/A							
INTEL CO	N/A							
FORCE RECON CO	N/A							
INF REGT/HQCO	1	270	1	270	1	270	1	270
RECON CO	1	92	0	0	0	0	0	0
ENGR CO	1	142	0	0	0	0	0	0
AMPHIB DET	1	102	0	0	0	0	0	0
COMM CO	1	144	0	0	0	0	0	0
MAG HQ	1	97	1	26	1	26	1	26
MALS	1	371	1	165	1	165	1	165
MWSS	1	646	0	0	0	0	0	0

UNIT TYPE	FY 1994		FY 1997		FY 1999		FY 2001	
	# Units	PN						
MWCS DET	1	39	0	0	0	0	0	0
MATCS DET	1	76	0	0	0	0	0	0
HMM	2	364	0	0	0	0	0	0
HMH	1	160	3	480	3	480	3	480

See attached organizational charts with PN structure numbers for 95 on out to 2001. These charts reflect organizational changes not requested in this data call question, however, are provided to assist in formulating a complete response to this data call.

\* "(entire BN)" = all companies, including H&S CO or HQ Btry, anti tank plt. if applicable. ....

- \*\* HQSVCBN, MARFORPAC includes:
- a. HQSVCBN - 223 personnel
  - b. MARFORPAC Staff - 219 personnel

**CAPACITY FOR ADDITIONAL UNITS**

**1.a.** Assuming that the base is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present physical plant, facilities etc., **what additional units by type could be assigned?** Provide details and assumptions for all calculations.

Final mix of units to relocate to Kaneohe Bay from NAS Barbers Point due to BRAC-93 has not yet been determined, and will influence the answer to this question. In general, however, with rightsizing of III MEF units in Hawaii, the present physical plant should be able to easily accommodate a Division or Aviation Wing headquarters, or other units which could occupy facilities vacated by the 1st MEB command element, MACS-2, NCCOSC Hawaii Laboratory, 7th Communications Battalion, etc. The recent consolidation of all enlisted dining functions into one messhall has also produced a currently vacant large messhall which could be converted for administrative uses.

**1.b.** Assuming that additional MILCON, etc., could be added, what additional units could be assigned to this base? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Consolidation of Pacific Area Command elements requiring close proximity to CINCPACFLT/CINCPAC. Addition of an administrative building at a cost of approximately \$5-7 million. (Approximately 50,000 SF, including site preparation and design).

One additional large aircraft hangar could be built at an estimated cost from \$15-20M; this could accommodate two additional aviation squadrons. Space for such a hangar is readily available.

Any number of various small to medium sized units, such as a reconnaissance company, Navy Seabee unit, USMC reserve unit, or others could also be assigned at MCBH.

**1.c.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. **cannot overcome** (e.g., environmental restrictions, land areas, scheduling conflicts).

As discussed above, various expansion opportunities exist. MCBH Kaneohe Bay has a favorable AICUZ, which impacts an extremely small area of off-Base land, year-round flying opportunities, and excellent ground and amphibious training facilities. The largest single limiting factor is availability of land. Except for current plans to assume control of over 1200 acres of training areas at Bellows Air Force Station from the USAF, it is unlikely that MCBH will acquire more land than it now has. Thus, future development is planned, but is limited to occur on areas currently held. We have managed environmental protection and natural resources conservation programs very well, and operations necessary to conduct our mission are fully executable. This should be the case even with expansion within the capability of land we own/control. There are no current or anticipated scheduling conflicts. On the contrary, with rightsizing occurring throughout all of the services, training opportunities at joint use training areas should increase for Marines in Hawaii.

**2.** Indicate unit types, number of units and manning level for each of the FYs, of all **active duty FMF** units not listed in question 1 that were **supported** by this installation but were deployed at the receipt of this data call. (ie. MEU, UDP etc.)

UNIT TYPE	FY94	FY97	FY99	FY01	Is unit capable of being supported at this time?*

	#Units	PN	#Units	PN	#Units	PN	#Units	PN
INF BN	1	929	1	929	1	929	1	929
ARTY BATTERY	1	139	1	145	1	145	1	145
HMM	1	182	0	0	0	0	0	0
VMFA	1	215	0	0	0	0	0	0

\* Does this unit have facilities set aside for its occupancy when it returns?

\* The current Capital Improvements Plan (CIP) plans to consolidate facilities from semi-permanent buildings (wooden structures) into permanent facilities (concrete). If required, spaces to eventually become available through demolition can be considered for future construction. However, because of the nature of Camp Smith, the Halawa Heights Headquarters Area should be considered for command elements.

3. Indicate the **other DOD and reserve units** which were **tenants** aboard this installation on receipt of this data call, and provide the number and manning level (PN) of each for the FYs below.

UNIT TYPE	FY94		FY97		FY99		FY01	
	# Units	PN	#Units	PN	#Units	PN	#Units	PN
N/A								

4. Indicate other DOD and reserve units types not mentioned in **question 3**, that were **supported** (7 days or more) by this installation during FY 94 but were not aboard on receipt of this data call and provide the number of units and manning level (PN) of each for the FYs below.

UNIT TYPE	FY94		FY97		FY99		FY01		Is unit capable of being supported at this time?*
	#Units	PN	#Units	PN	#Units	PN	#Units	PN	
N/A									

\* Does this unit have facilities set aside for its occupancy when it returns?

5. List all non DOD **tenants** at this installation on receipt of this data call, and provide the manning level (PN) of each for the FYs.

UNIT TYPE	FY94	FY97	FY99	FY01
-----------	------	------	------	------

	PN	PN	PN	PN
MCX Concessions	164	164	164	164
Fed Cred Union	13	13	13	13
Red Cross	1	1	1	1
YMCA Outreach	5	5	5	5
Bank of Hawaii	15	13	13	13
Mokapu Elem School	82	82	82	82
Nav/MarCorps Relief	1	1	1	1
Head Start Prog	2	2	2	2
Off Duty Ed School	12	12	12	12
Queens Hosp	5	5	5	5
Minsue Maint	22	22	22	22
Geronimo Services	13	13	13	13
American Express	5	5	5	5
Barber Shop	3	3	3	3
Dry Cleaners	2	2	2	2
Aaron's Dive Shop	2	2	2	2

NOTE:

**Major Equipment Used.**

6. Provide the following information on the major equipment authorized for the units listed

in question #1:

**6.a. UNIT TYPE: Tank Bn**

**MAJOR EQUIPMENT AUTHORIZED:**

<b>TYPE OF MAJOR EQUIP</b>	<b>NUMBER BY TYPE</b>	<b>MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX</b>	<b>COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX</b>	<b>GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX</b>
N/A				
<b>TOTAL</b>				

**6.b. UNIT TYPE: LAI**

**MAJOR EQUIPMENT AUTHORIZED:**

<b>TYPE OF MAJOR EQUIP</b>	<b>NUMBER BY TYPE</b>	<b>MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX</b>	<b>COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX</b>	<b>GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX</b>
N/A				
<b>TOTAL</b>				

**6.c. UNIT TYPE: Assault Amphibian Bn**

**MAJOR EQUIPMENT AUTHORIZED:**

<b>TYPE OF MAJOR EQUIP</b>	<b>NUMBER BY TYPE</b>	<b>MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX</b>	<b>COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX</b>	<b>GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX</b>
AAVs	22	Bldg. 1284 11,500 SF Bldg. 1285 500 SF	Bldg. 1284 11,500 SF Bldg. 1285 500 SF	AAV Ramp 22,500 SF

<b>TOTAL</b>	22	12,000 SF	12,000 SF	22,500 SF

**6.d. UNIT TYPE: LCAC  
MAJOR EQUIPMENT AUTHORIZED:**

<b>TYPE OF MAJOR EQUIP</b>	<b>NUMBER BY TYPE</b>	<b>MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX</b>	<b>COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX</b>	<b>GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX</b>
N/A				
<b>TOTAL</b>				

NOTE: While no LCACs are assigned to MCBH, there are four approved LCAC landing beaches aboard MCBH, Kaneohe Bay. Each of these sites has been evaluated for environmental impacts (including consultation with appropriate State regulatory agencies), and for suitability of use (included with visiting LCAC units and operators). Bellows AFS is also an ideal LCAC landing/maneuver site.

**6.e. UNIT TYPE: Artillery Bn  
MAJOR EQUIPMENT AUTHORIZED: Guns/Trucks**

<b>TYPE OF GUNS/ TRUCKS</b>	<b>NUMBER BY TYPE</b>	<b>MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX</b>	<b>COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX</b>	<b>GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX</b>

E0665 M198 Howitzer	18	22,500 SF	22,500 SF	50,000 SF
E0640 M101A1 Howitzer	12	22,500 SF	22,500 SF	50,000 SF
D1059 5-Ton Truck	67	4,500 SF	0	35,000 SF
D1158 HMMWV	34	4,500 SF	0	35,000 SF
D1159 HMMWV	9	4,500 SF	0	35,000 SF
<b>TOTAL</b>	<b>140</b>	<b>58,500 SF</b>	<b>45,000 SF</b>	<b>205,000 SF</b>

**6.f. UNIT TYPE:** Motor Transport

**MAJOR EQUIPMENT AUTHORIZED:** Trucks (See Attachments)

TYPE OF TRUCKS	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
See Attached Note 6f.				
<b>TOTAL</b>				

**6.g. USER TYPE:** Landing Support Bn

**MAJOR EQUIPMENT AUTHORIZED: Heavy Equipment**

TYPE OF HEAVY EQUIPMENT	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
See Atch 6f.				
<b>TOTAL</b>				

**6.h. UNIT TYPE: Engineer Support Bn**

**MAJOR EQUIPMENT AUTHORIZED: Heavy Equipment**

TYPE OF HEAVY EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
See Atch 6h.				
<b>TOTAL</b>				

6.i. List other equipment not mentioned above but key in measures used in the table for question #23 of this data call. (duplicate table as necessary)

UNIT TYPE:

**MAJOR EQUIPMENT AUTHORIZED:**

TYPE OF HEAVY EQUIP	NUMBER BY TYPE	MAINT SPACE CURRENTLY IN USE (SF)CCN21X-XX	COVERED STORAGE CURRENTLY IN USE (SF)CCN-44X-XX	GENERAL STORAGE CURRENTLY IN USE (SF) CCN 4XX-XX
See Atch6i.				
<b>TOTAL</b>				

**Enhancement Capabilities**

6.j. Assuming that additional equipment, MILCON, etc., could be added, what additional units could be assigned to this base? What could be done? At what estimated cost? Provide details and assumptions for all calculations. N/A.

6.k. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, scheduling conflicts etc.).

Limited land area for this type of expansion available aboard this installation excluding BRAC 93 MILCON requirements.

C. Training Ranges.

For each type of ground training range listed below which is available at this installation for support of military units and other organizations, provide the following information.

7. **Pistol Ranges:** Ulupau Crater Pistol Range

RANGE NAME/#	SIZE (ACRES)& # of POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON	OTHERS*		
R-2	0.65/25	2112	2112	2112	0	2080	25
F	1/24	444	492	540	144	2080	24
E	1/24	240	264	276	NA	2080	24
<b>TOTAL</b>	<b>2.65/73</b>	<b>2796</b>	<b>2868</b>	<b>2928 HRS</b>	<b>144 HRS</b>	<b>6240</b>	<b>73</b>

\* Distinguish between Department of the Navy usage and all other usage

\*\* Describe how number of hours were calculated.

$$8 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} = 2080 \text{ HRS}$$

7.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	2928	2928	2683	2683	2683

**Enhancement Capabilities**

7.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

$$\text{Additional } 1664 \text{ Hrs/Yr (4 HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR/SAT} \times 52 \text{ SAT/YR} = 1664 \text{ HRS}$$

7.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculation.

Increase positions by 5. Estimated cost = \$50K

7.d. List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**8. Known Distance Ranges** .....

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
A	18.6/38	180	<b>180</b>	<b>185</b>	N/A	2080	8
B	25.4/53	1202	<b>1330</b>	<b>1463</b>	144	2080	40
R-1	10.6/26	2112	<b>2112</b>	<b>2112</b>	48	2080	26
<b>TOTAL</b>	54.6/ 136	3494	<b>3627</b>	3760 HRS	192 HRS	6240	74

\*Distinguish between Department of the Navy usage and all other usage

\*\* Describe how number of hours were calculated.

$$8 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} = 2080 \text{ HRS}$$

8.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001

PROJECTED REQUIREMENT	3970	3970	3725	3725	3725
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**Enhancement Capabilities**

**8.b.** Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

1465 HRS (4 HR/DAY X 5 DAY/WK X 52 WK/YR + 8 HR/SAT X 52 SAT/YR = 1456 HR/YR)

**8.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Increase positions by 4. Estimated cost is \$40K.

**8.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**9. Other Rifle Ranges (Field Firing)**

.....

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
R-6	0.32/12	1920	<b>1920</b>	<b>1920</b>	576	2080	12
<b>TOTAL</b>	0.32/12	1920	<b>1920</b>	1920 HRS	576 HRS	2080	12

\*Distinguish between Department of the Navy usage and all other usage

\*\* Describe how number of hours were calculated.

$$8 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} = 2080$$

9.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	1920	1920	1697	1697	1697

**Enhancement Capabilities**

9.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

$$\text{Added } 1456 \text{ Hrs/Yr (4 HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} + 8 \text{ HR/SAT} \times 52 \text{ SAT/YR} = 1456 \text{ HRS).}$$

9.c. Assuming that additional equipment, MILCON, etc., could be added, what additional

capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Increase of 2 positions. Estimated Cost \$20K.

**9.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**10. Machine Gun Ranges**

.....

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
R-5	9.71/10	960	<b>960</b>	<b>960</b>	48	2080	10
R-6	0.32/12	720	<b>720</b>	<b>720</b>	0	2080	12
R-7	5.49/10	1920	<b>1920</b>	<b>1920</b>	480	2080	10
<b>TOTAL</b>	<b>15.52/32</b>	<b>3600</b>	<b>3600</b>	<b>3600</b> HRS	<b>528</b> HRS	<b>6240</b>	<b>32</b>

\*Distinguish between Department of the Navy usage and all other usage.

\*\* Describe how number of hours were calculated.

$$8 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} = 2080 \text{ HRS.}$$

10.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	1920	1920	1697	1697	1697

**Enhancement Capabilities**

10.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

$$\text{Added } 936 \text{ Hrs } (2 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK} + 8 \text{ HR/SAT} \times 52 \text{ SAT/YR} + 936 \text{ HRS/YR}).$$

10.c. Assuming that additional equipment, MILCON, etc., could be added, what additional

capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Increase of 6 positions. Estimated cost = \$60K

**10.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**11. Anti Armor Ranges:**

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
N/A							
TOTAL	/			HRS	HRS		

\*Distinguish between Department of the Navy usage and all other usage.

\*\* Describe how number of hours were calculated.

**11.a.** List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	N/A	N/A	N/A	N/A	N/A

**Enhancement Capabilities**

**11.b.** Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations. N/A.

**11.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations. N/A.

**11.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**12. Tank/LAV Ranges**

.....

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93**	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
N/A							
<b>TOTAL</b>	/			<b>HRS</b>	<b>HRS</b>		

\*Distinguish between Department of the Navy usage and all other usage.

\*\* Describe how number of hours were calculated.

**12.a.** List your projected total DON usage requirements in hours for the FYs as indicated below:

	<b>FY 1994</b>	<b>FY 1995</b>	<b>FY 1997</b>	<b>FY 1999</b>	<b>FY 2001</b>
<b>PROJECTED REQUIREMENT</b>	N/A	N/A	N/A	N/A	N/A

**Enhancement Capabilities**

**12.b.**—Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations. N/A.

**12.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations. N/A.

**12.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is

unlikely that additional land would be acquired for range expansion.

**13. Hand Grenade Range**

.....

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
R-8	0.61/4	80	<b>80</b>	<b>80</b>	0	2080	3
<b>TOTAL</b>	<b>0.61/4</b>	<b>80</b>	<b>80</b>	<b>80</b> HRS	<b>0</b> HRS	<b>2080</b>	<b>3</b>

\*Distinguish between Department of the Navy usage and all other usage.

\*\* Describe how number of hours were calculated.

$8 \text{ HRS/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} = 2080.$

13.a. List your projected total usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	80	80	70	70	70

**Enhancement Capabilities**

13.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

Added 520 hrs. ( $2 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} = 520$ )

13.c. Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

None, no land available.

**13.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**14. CAS/Gunnery Ranges:** .....

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
N/A							
<b>TOTAL</b>	/			<b>HRS</b>	<b>HRS</b>		

\*Distinguish between Department of the Navy usage and all other usage.

\*\* Describe how number of hours were calculated.

**14.a.** List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
<b>PROJECTED REQUIREMENT</b>	N/A	N/A	N/A	N/A	N/A

**Enhancement Capabilities**

**14.b.** Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations. N/A.

**14.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations. N/A.

**14.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**15. Indirect fire Ranges:**

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
Ulupau	189.5	8	8	0		8	3
<b>TOTAL</b>	/189.5	8	8	0 HRS	HRS	8	3

\*Distinguish between Department of the Navy usage and all other usage.

\*\* Describe how number of hours were calculated.

NOTE: Minimal training of USMC 60mm mortar at this range.

**15.a.** List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
<b>PROJECTED REQUIREMENT</b>	8	10	10	10	10

**Enhancement Capabilities**

**15.b.** Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations. N/A.

**15.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations. N/A.

**15.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**16. Other Ranges (SPECIFY)**

.....

RANGE NAME/#	SIZE (ACRES)& POSITIONS	NUMBER OF HOURS RANGE UTILIZED IN FY 91	NUMBER OF HOURS RANGE UTILIZED IN FY 92	NUMBER OF HOURS RANGE UTILIZED IN FY 93		HOURS RANGE AVAILABLE FOR TRAINING FOR FY93 **	AVERAGE # OF FIRING POSITIONS UTILIZED PER HOUR USED IN FY 93
				DON/OTHERS*			
Schofield Bks	13677	400	400	400	0	8760	0
PTA	108075	6720	7200	7200	0	8760	62
Kuhuku	9600	350	350	350	0	8760	0
Molokai	6312	671	700	700	0	4380	0
Bellows	548	658	664	700	0	6072	0
TOTAL	138212	8799	9314	9350 HRS	0 HRS	36732	62

\*Distinguish between Department of the Navy usage and all other usage.

These are all indirect (other) firing ranges.

School Range (No Ordnance used).

\*\* Describe how number of hours were calculated.

$$8 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} = 2080$$

16.a. List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	N/A (USA controlled)				

**Enhancement Capabilities**

16.b. Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

$$\text{Added } 1456 \text{ hrs. } (4 \text{ HR/DAY} \times 5 \text{ DAY/WK} \times 52 \text{ WK/YR} + 8 \text{ HR/})$$

SAT X 52 SAT/YR = 1456 HR

**16.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Add one school range. Estimated Cost = \$120K.

**16.d** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

**17. TOTAL RANGE SPACE.** Total number of acres (indicate which measure used) for all ranges in the preceding questions 7-16 combined, including impact areas and safety fans: 11498 (Acres) .....

**Training Areas.**

For each type of ground training area which is available at this installation for support of military units and other organizations, provide the following information. (Include assault beaches; sea echelon areas; live firing areas; drop zone; maneuver area; etc.)

**18. Training Areas:**

TRAINING AREA NAME/#	SIZE OF TRAINING AREA (ACRES)	USER SIZE	TYPE OF TRAINING CONDUCTED	NUMBER OF HOURS USED IN FY 91	NUMBER OF HOURS USED IN FY 92	NUMBER OF HOURS USED IN FY 93 DON/ OTHER*	NUMBER OF HOURS AVAILABLE FOR USE IN FY 93**
Ulupau Crater	189.5	MEB	Maneuver Live Fire Rifle/Pistol Requal	Unavailable	Unavailable	Unavailable	8760
Ft Hase Beach	11.2	Company	Amphib Ops CPX	1000	2000	2500	8760
Hale Koa Beach	5.7	Company	Amphib Ops	1000	2000	2500	8760
Westfield	86	Company	Para Ops	1000	2000	2500	8760
<b>TOTAL</b>	292.4 Acres	xxxxx	xxxxx	3000 HOURS	6000 HOURS	7500 HRS	35040 HOURS

\*Distinguish between DON usage and all other usage

\*\* Describe how number of hours were calculated.

**18.a.** List your projected total DON usage requirements in hours for the FYs as indicated below:

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	N/A				

**Enhancement Capabilities**

**18.b.** Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical

plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations. N/A

**18.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations. N/A

**18.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

None.

**19. Training Tank (Swimming) Facility**

TRAINING TANK NAME/#	SIZE	NUMBER OF HOURS UTILIZED IN FY91	NUMBER OF HOURS UTILIZED IN FY92	NUMBER OF HOURS UTILIZED IN FY93	HOURS available FOR TRAINING IN FY 93*
Sta Pool #252	1512 SY	685	686	670	2080
Officers Pool #537	250 SY	190	194	214	2080
Camp Smith #125	307 SY	1040	1040	1136	1138
<b>TOTAL</b>	<b>2069</b>	<b>1915 HRS</b>	<b>1920 HRS</b>	<b>2020 HRS</b>	<b>5298 HRS</b>

\*Describe how number of hours were calculated.

Posted pool hours plus 8 hours a month additional training.

**19. a. List your projected total usage requirements for the FYs as indicated below:**

	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
PROJECTED REQUIREMENT	1900	1900	1900	1900	1900

**Enhancement Capabilities**

**19.b.** Assuming that the ground training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical

plant, etc., what additional capacity could be gained? Provide details and assumptions for all calculations.

6350 additional hrs. (6 DAY/WK Operation x 24 DAY) - current hours.

**19.c.** Assuming that additional equipment, MILCON, etc., could be added, what additional

capacity could be realized for this range? What could be done? At what estimated cost? Provide details and assumptions for all calculations.

Additional facilities could be constructed to fit any need. Cost is dependent on required added capacity.

**19.d.** List and explain the limiting factors that further funding for personnel, equipment, MILCON, etc. cannot overcome (e.g., environmental restrictions, land areas, scheduling conflicts).

Expansion is possible, within currently available government-owned land. It is unlikely that additional land would be acquired for range expansion.

## 20. Current Use and Future Requirements

Category Code (NAVFAC P-80) CCN 179 (Trng Facilities Other Than Buildings)

Type of Facility	Current Allocation (# of Facs)	Inadequate (# of Facs)	Design Capacity (PN)*	FY 1993 AOB (PN)**	Programmed (PN) (FY 1999)
Pistol + Ranges	3	N/A	22,500	3,000	Unknown
Known + Distance Ranges	3	N/A	34,200	9,000	Unknown
Other Rifle Ranges (Field Firing)	1	N/A	10,000	800	Unknown
Machine Gun Ranges	3	N/A	3,250	500	Unknown
Anti Armor Ranges	0	N/A	-	-	Unknown
Tank/LAV Ranges	0	N/A	-	-	Unknown
Indirect Fire Ranges	1	N/A	3,250	200	Unknown
Hand Grenade Ranges	1	N/A	10,000	800	Unknown
CAS/Gunnery Ranges	0	N/A	-	-	Unknown
Other Ranges (Specify)	N/A	N/A	-	-	Unknown
Combat Swimmer Trainers	2 (O'Club)	0	6,000	6,000	6,000
Maneuver Areas	1	0	3,500	3,500	3,500
<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>92,700</b>	<b>23,800</b>	<b>9,500</b>

+ Manpower shortage precludes reaching training capacity.

\* Design Capacity = The number of personnel who can be trained safely annually.

\*\*FY 1993 AOB = Average personnel On Board (loading) that are required to use this type of facility

**20.a.** For each type of range and area listed in the preceding table, answer the following questions on mobilization. Indicate "NA" if appropriate. N/A.

- (a)** Is additional capacity required for mobilization?
- (b)** If so, how much (PN) and why?

**20.b.** For all ranges and areas that were classified as inadequate in question #20, identify the type and describe why it is inadequate; indicate how it is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds. N/A.

- A. Name/# & Type of range/area:
- B. What makes it inadequate?:
- C. What use is being made of the range/area?:
- D. What other use could be made of the range/area?:
- E. Cost to correct deficiencies: \$
- F. Current improvement plans and programmed funding:

**Facilities**

**A. Academic Training Facilities:**

**21.** By Category Code Number (CCN), complete the following table for all **training** facilities aboard the installation. Include all 171-xx, 179-xx CCN's and any other applicable CCN.

**For example:** in the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

CCN: 171-10

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR)
**Academic Instruction	47274 SF	1050 (See note 1)	2,100,000
* B-2D Academic Instruction	2	33	68,640
* B-30 Academic Instruction	4	87	180,960
* B-32 Academic Instruction	1	40	83,200

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or postitons for operational trainer spaces and training facilities other than buildings, i.e. , ranges. Design Capacity (PN) must reflect current use of the facilities.

**21.a.** For the Student HRS/YR value in the preceding table, describe how that entry was derived.

\* Based upon NAVFAC P-80.  $PN \times 2,080$ .

\*\*  $1050 PN \times 8 \text{ Hrs/Day} \times 250 \text{ Class Days/Yr} = 2,100,000 \text{ Hrs/Yr}$ .

\*\* NOTE 1 - Using NAVFAC P-80 criteria of 45 Gross SF per student station.

**21.b.** Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

None

**21.c.** List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

Buildings 30 and 32 are wood structures and as such inadequate.

CCN: 171-20

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR)
**Applied Instruction Bldg.	14692	98 (See note 1)	196,000
* Applied Instruction Bldg.	1	162	336,960

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

**21.a.** For the Student HRS/YR value in the preceding table, describe how that entry was derived.

\* Based upon NAVFAC P-80 criteria. PN x 2,080.

\*\* 98 PN x 8 Hrs/Day x 250 Class Days/Yr = 196,000 Hrs/Yr.

\*\* NOTE 1 - Using NAVFAC P-80 criteria of 150 Gross SF per student station.

*Revised page*

21.b. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

None

21.c. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

Buildings 30 and 32 are wood structures and as such inadequate.

CCN: 171-20

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR)
**Applied Instruction Bldg.	14692 SF	98 (See note 1)	196,000
* Applied Instruction Bldg.	1	162	336,960

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

21.a. For the Student HRS/YR value in the preceding table, describe how that entry was derived.

\* Based upon NAVFAC P-80 criteria.  $PN \times 2,080$ .

\*\*  $98 \text{ PN} \times 8 \text{ Hrs/Day} \times 250 \text{ Class Days/Yr} = 196,000 \text{ Hrs/Yr}$ .

\*\* NOTE 1 - Using NAVFAC P-80 criteria of 150 Gross SF per student station.

**21.b.** Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

None

**21.c.** List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

As a wood structure, building will always be inadequate.

CCN: 171-25

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR)
Underwater Equip RD&T NUC (B.1181) Prim CCN 610-10	940 SF	78	156,000
Theater (B.1020) Prim CCN 171-10	9920 SF	624	1,248,000
Theater (B.219) Prim CCN 740-56	12510 SF	900	1,800,000
(Ball Room) Enl Pers Club (B.1629) Prim CCN 740-63	10825 SF	902	1,804,000
BOQ Conf Rm (B.503) Prim CCN 724-11	3778 SF	314	628,000
*B4 Auditorium	9000 SF	589	1,225,120

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

**21.a.** For the Student HRS/YR value in the preceding table, describe how that entry was derived.

\* 2,080 hours x 589 seats.

\*\* Design Capacity (PN) x 8 hrs. day x 250 class days/yr.

\*\* NOTE 1 - 52 weeks x 40 hours/week = 2080, 589 was the number of seats in the theater prior to the asbestos removal project.

**21.b.** Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

In its present condition the auditorium has been stripped of all furnishings and lighting as the result of an asbestos removal project. The stage and other wood structures are termite and dry rot damaged.

Additional Capacity:

Primary CCN:

610-10	62,400
171-10	499,200
740-56	720,000
740-63	721,600
724-11	251,200

**21.c.** List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

The basic shell is sound and with adequate funding the theater could be back in use.

CCN: 171-35

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR)
* Operational Trainer Facility	5988 SF	See Note 1	See Note 1


1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities. \* Aircraft Cockpit Training Facilities

**21.a.** For the Student HRS/YR value in the preceding table, describe how that entry was derived. N/A

Per NAVFAC P-80, facilities planning criteria for Navy and Marine Corps shore installations, space requirement is dictated by the size of the operational trainer rather than student loading.

**21.b.** Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations. N/A

Per NAVFAC P-80, facilities planning criteria for Navy and Marine Corps shore installations, space requirement is dictated by the size of the operational trainer rather than student loading.

**21.c.** List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome. None

CCN: 179-40

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR)
Small Arms Range Outdoor	5 ea	73 FP	141,328

Revised  
pg

21.a. For the Student HRS/YR value in the preceding table, describe how that entry was derived.

$$73 \text{ FP} \times 8 \text{ HRS/DAY} \times 242 \text{ TRAINING DAYS/YR} = 141,328 \text{ HRS/YR}$$

21.b. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations. N/A

$$73 \text{ FP} \times 8 \text{ HRS/DAY} \times 100 \text{ DAYS/YR (WEEKEND)} = 58,400 \text{ HRS/YR}$$

21.c. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome. Ranges may be impacted by weather conditions, however, due to the excellent weather conditions in Hawaii, Ranges are operational throughout the year with minimal down time.

21.d. By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

CCN: 171-10

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1995 Requirements			FY 1997 Requirements			FY 1999 ** Requirements		
			A	B	C	A	B	C	A	B	C	A	B	C
Academic Instruction	Sergeants Course	PME	200	250	50K	200	250	50K	200	250	50K	200	250	50K
	Career Course	PME				120	350	42K	120	350	42K	120	350	42K
	Advance Course	PME				60	400	24K	60	400	24K	60	400	24K
	Leadership		1920	8	15K	1920	8	15K	1920	8	15K	1920	8	15K
	Essential Subj		600	24	14K	600	24	14K	600	24	14K	600	24	14K
	RASC		20	80	2K	20	80	2K	20	80	2K	20	80	2K
	Other Tenants		1040 0	8	83K	1040 0	8	83K	1040 0	8	83K	1040 0	8	83K

\*\* Figures for the FY 2001 are the same for FY 1999.

TOTAL.. 231K

21.d. By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

CCN: 171-20

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1995 Requirements			FY 1997 Requirements			FY 1999 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
APPLIED INSTRUCTION		COMPUTER CLASSES	5533	8	44K												
		CALL FOR FIRE	1884	8	15K												
		CLOSE AIR SUPPORT	2478	8	20K												

A = Students per year  
 B = Number of hours each student spends in this training facility for each course  
 C = A X B = Number of hours of instruction

*revised*  
*2/9*

21.d. By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

CCN: 179-XX

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1995 Requirements			FY 1997 Requirements			FY 1999 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
GAS CHAMBER 17945	NEOD	NEOD	6148	4	25K	6560	4	26K									
SWIM POOL 17955	COMBAT WATER SURVIVAL	SWIM QUAL	5673	4	23K	6600	4	26K									
RANGE FAC. 17940	RIFLE RANGE	MARKSMANSHIP	5549	70	388K	6250	64	400K									
RANGE FAC. 17940	PISTOL RANGE	MARKSMANSHIP	1748	6	10K	1850	6	11K									

A = Students per year  
 B = Number of hours each student spends in this training facility for each course  
 C = A X B = Number of hours of instruction

*Revised pg*

A = Students per year

B = Number of hours each student spends in this training facility for each course

C = A X B = Number of hours of instruction

21.e. For training buildings with category codes 171-xx, 179-xx and any other CCN's in which training is conducted, provide the amount of adequate, substandard, and inadequate facilities in terms of **square feet and number of students.**

CCN	Facility Type	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
171-10	Academic Instr Bldg	22784	524	25158	559	2826	127	50768	1210
171-20	Applied Instr Bldg	9138	61	5554	21	3572	162	18264	244
171-25	Auditorium	940	78	9814	589	-	-	10754	667
171-35	Opera'l Trainer Fac	3588	-	2400	-	-	-	5988	-
171-77	Trng Material Stg	2031	-	1100	-	-	-	3131	-
179-40	Sm Arms Range-out	927393	73	-	-	-	-	927393	73

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*10/27*

1. Design capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities. \* Aircraft Cockpit Training Facilities

21.a. For the Student HRS/YR value in the preceding table, describe how that entry was derived.

$$73 \text{ FP} \times 8 \text{ HRS/DAY} \times 242 \text{ TRAINING DAYS/YR} = 141,328 \text{ HRS/YR}$$

21.b. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations. N/A

$$73 \text{ FP} \times 8 \text{ HRS/DAY} \times 100 \text{ DAYS/YR (WEEKEND)} = 58,400 \text{ HRS/YR}$$

21.c. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome. Ranges may be impacted by weather conditions, however, due to the excellent weather conditions in Hawaii, Ranges are operational throughout the year with minimal down time.

21.d. By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

CCN: 171-10

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 1995 Requirements			FY 1997 Requirements			FY 1999 ** Requirements		
			A	B	C	A	B	C	A	B	C	A	B	C
Academic Instruction	Sergeants Course	PME	200	250	500K	200	250	50K	200	250	50K	200	250	50K
	Career Course	PME				120	350	42K	120	350	42K	120	350	42K
	Advance Course	PME				60	400	24K	60	400	24K	60	400	24K

\*\* Figures for the FY 2001 are the same for FY 1999.

A = Students per year

B = Number of hours each student spends in this training facility for each course

C = A X B = Number of hours of instruction

**21.e.** For **training** buildings with category codes 171-xx, 179-xx and any other CCN's in which training is conducted, provide the amount of adequate, substandard, and inadequate facilities in terms of **square feet and number of students**.

CCN	Facility Type	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
171-10	Academic Instr Bldg	22784	707	25158	50	2826	127	50768	884
171-20	Applied Instr Bldg	9138	61	5554	21	3572	162	18264	244
171-25	Auditorium	940	78	9814	589	-	-	10754	667
171-35	Opera'l Trainer Fac	3588	-	2400	-	-	-	5988	-
171-77	Trng Material Stg	2031	-	1100	-	-	-	3131	-
179-40	Sm Arms Range-out	927393	73	-	-	-	-	927393	73
179-55	Combat Trng Pool/Tank	25598	38	-	-	-	-	25598	38

CCN	Facility Type	Adequate		Substandard		Inadequate		Total	
740-56	Theater	12510	900	-	-	-	-	12510	900
740-63	Enl Pers Club	10825	902	-	-	-	-	108025	902
724-11	BOQ	-	-	3778	314	-	-	3778	314
179-50	Course	43560	-	-	-	-	-	43560	-
179-10	Inst Bldg	668	-	-	-	-	-	668	-
179-60	Parade Deck	43560	-	-	-	-	-	43560	-

**21.f.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Academic Instruction/171-10 (Bldg. P-32, Camp Smith).
- b. WHAT MAKES IT INADEQUATE? No fire protection.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Use per cat-code.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? No cost has been projected.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? No other use is practical.
- . CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: No current improvement plans.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.
- a. FACILITY TYPE/CODE: Academic Instruction/171-10 (Bldg. 30, Camp Smith).
- b. WHAT MAKES IT INADEQUATE? Siting.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Use per cat-code.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? No cost has been projected.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? No other use is practical.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: No current improvement plans.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.
- a. FACILITY TYPE/CODE: Applied Instruction/171-20 (Bldg. 36, Camp Smith).
- b. WHAT MAKES IT INADEQUATE? Siting.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Use per cat-code.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? No cost has been projected.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? No other

use is practical.

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: No current improvement plans.

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

22. The following question pertains to mobilization. Indicate "NA" if applicable.

1. Is additional capacity required for mobilization? No.
2. If so, how much for both SF and personnel? Why?

## B. Maintenance and Storage Facilities

23. For each category code listed in the following table which exists at this installation, indicate the average age of the facilities and provide the amount of space available according to the three condition categories.

CCN	Facility Type	AvgAge	Unit Measure	Adequate	Substandard	Inadequate	Total
213-xx	Ships & Spares	29	SF	1120	7520	-	8640
214-20	Tank, Dispatch Automotive	27	SF	127163	43082	45311	215556
215-20	Small Arms Shop Lt Gun Shop	16	SF	42050	-	5360	47410
216-xx	Maintenance Ammo, Explo, T ox	-	SF	-	-	-	-
217-xx	Elec & Comm Equipment	33	SF	58906	13665	14826	87397
218-xx	Misc Procured items & equipment	24	SF	52794	-	4100	56894
219-20	Installation Repair & Operation	45	SF	571	9616	7970	18157
421-48	Ammo Storage-Installation	38	SF	19683	16517	3902	40102
441-12	General Supply Storage - Covered	35	SF	228158	505815	115564	849537
451-xx	General Supply Storage - Open	-	SF	-	-	-	-
xxx-xx	Other		SF				
Total	xxxxxx	xxx	xxx	530445 Total SF	596215 Total SF	197033 Total SF	1323693 Total SF
411-xx	Liquid Storage Bulk		BL				

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: MARCOR SASSY Warehouse 441-14 (PCA B.74)
- b. WHAT MAKES IT INADEQUATE? Condition of fire protection structural condition lighting.
- c. WHAT USE IS BEING MADE OF THE FACILITY? (See a. above).
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. To be disposed of (Sold).
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. To be disposed of (Sold).
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Land/facilities planned for sale to relocate all warehousing on MCBH Kaneohe Bay.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Hazardous/Flammable Store House 441-30 (B 3099) (B 4067).
- b. WHAT MAKES IT INADEQUATE? Site location.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant, in path of new construction.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for demolition.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Scheduled for demolition.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Scheduled for demolition, in path of new construction.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Sta Air/Grd Org UTS MARCOR 441-12 (B674).
- b. WHAT MAKES IT INADEQUATE? Site requirements/condition. Deficiency codes A30, D30 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for disposal.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A.

Scheduled for disposal.

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None. Scheduled for disposal.

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE: Sta Air/Grd Org UTS MARCOR 441-12 (B 269).

b. WHAT MAKES IT INADEQUATE? Facility design/condition. Deficiency codes A30, C30 per NAVFAC P-78.

c. WHAT USE IS BEING MADE OF THE FACILITY? (See a. above).

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for disposal.

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Scheduled for disposal.

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None. Scheduled for disposal.

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE: Sta Air/Grd Org UTS MARCOR 441-12 (B 103)

b. WHAT MAKES IT INADEQUATE? Aircraft hangar not designed for use as storage facility.

c. WHAT USE IS BEING MADE OF THE FACILITY? (See a. above).

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Converted to original use.

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Aircraft Hangar.

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Conversion to aircraft hangar spaces.

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate

facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Small Arms pyrotechnic magazine 421-48 (B 1384) (B 1586)
- b. WHAT MAKES IT INADEQUATE? Facility condition.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for disposal.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Scheduled for disposal.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: KB-355RS will replace facility w/new prefab steel magazine.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Smokedrum Storehouse 41-42 (B 1587)
- b. WHAT MAKES IT INADEQUATE? Facility condition. Deficiency code F30 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant, smokeddrums have been removed & relocated.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for disposal.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Scheduled for disposal.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None. Scheduled for disposal.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Inert Storehouse 421-32 (B 715) (B 1511)
- b. WHAT MAKES IT INADEQUATE? Facility condition. Deficiency Code F30 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for disposal, located near recreational area.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Scheduled for disposal, located near recreational area.

- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: P-687 (MILCON-nprogrammed) planned for construction of 20,000 SF of inert storage.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: High Explosive Magazine 421-22 (B 1589)
- b. WHAT MAKES IT INADEQUATE? Facility condition. Deficiency code F-30 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for disposal.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Scheduled for disposal.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Scheduled for disposal. Replacement magazine has been approved.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Fuse and Detonator Magazine 421-12 (B 1588).
- b. WHAT MAKES IT INADEQUATE? Facility condition. Deficiency code F30 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Planned for disposal.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Planned for disposal.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None. Planned for disposal. Replacement magazine has been approved.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Public Works Maintenance Storage 219-77 (B 238) B 545).
- b. WHAT MAKES IT INADEQUATE? Facility condition.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Public Works Maintenance storage.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Scheduled for disposal.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Scheduled for disposal.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Scheduled for disposal, pending transfer of function to other existing facilities.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Aircraft Ground Support Equipment Shop 218-60 (B 620).
- b. WHAT MAKES IT INADEQUATE? Noise area/facility condition. Deficiency codes A30, D39 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? (See a. above).
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. To be replaced by MILCON P-699.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. To be replaced by MILCON P-699.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: P-699 MILCON (unprogrammed) will replace current facility.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Light Gun Shop (20mm/5in) 215-20 (B-1522) (B 1653) (B 1680).
- b. WHAT MAKES IT INADEQUATE? Site location. Deficiency Code D30 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Facility planned for demolition.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A.

Facility planned for demolition.

h. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Scheduled for demolition to allow for new construction (MILCON).

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE: Auto Organizational Shop 214-51 (B 1523) (B 1524) (B 1570) (B 1582).

b. WHAT MAKES IT INADEQUATE? Site location. Deficiency codes D30 per NAVFAC P-78.

c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant, pending demolition.

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Pending demolition.

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Pending demolition.

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None, pending demolition for future MILCON projects.

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

a. FACILITY TYPE/CODE: Auto organizational shop 214-51 (B 1361)

b. WHAT MAKES IT INADEQUATE? Inadequate capacity for current/future needs. Deficiency code C30 per NAVFAC P-78.

c. WHAT USE IS BEING MADE OF THE FACILITY? (See a. above).

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Facility now used "as is." Disposition of facility will be determined after construction of planned projects.

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None. f. P-051 MILCON \$5.3 million for 14,740 SF

P-627 MILCON \$2.2 million for 6,600 SF

P-647 MILCON Unprogrammed for 7,000 SF

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for

its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Auto Organizational Shop 214-51 (B 454).
- b. WHAT MAKES IT INADEQUATE? Site location and condition. Deficiency codes D30, F30 per NAVFAC P-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant. Scheduled for demolition.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A. Planned for demolition to allow for new construction.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: Site in path of programmed new construction plans for demolition.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: General storage 421-12.
- b. WHAT MAKES IT INADEQUATE? No fire protection.
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: No current plans.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Magazine 421-48.
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY? Vacant.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: No future plans.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Pavement/Grounds Equipment Shed 219-20.
- b. WHAT MAKES IT INADEQUATE? No fire protection.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Pavement/Grounds Equipment Shed/Equipment Storage.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: No upgrades planned.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**23.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Refueling Vehicle Shop 214-30 (B 1545).
- b. WHAT MAKES IT INADEQUATE? Obsolete, inadequate design for current needs. Deficiency codes F30, C30 NAFDB element 526 in NAVFAC-78.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Refueling Vehicle Shop.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Current plans indicate demolition.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? Scheduled for demolition.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: P-699 MILCON (unprogrammed) will replace current facility.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

23.b. Complete the following tables for **projected future requirements** in SF for each category code number (CCN) listed.

**PROJECTED REQUIREMENTS**

CCN	Type of Facility	Current Req	FY 95	FY 97	FY 99	FY 01
213-15	Ships & Spares	13000 SF	13000 SF	10556 SF	10556 SF	10556 SF
214-10	Tank, Automotive	233093 SF	233093 SF	190825 SF	190825 SF	190825 SF
215-20	Small Arms Shop	65525 SF	65525 SF	53207 SF	53207 SF	53207 SF
216-xx	Maintenance- Ammo,Explo,Tox	-	-	8742 SF	8742 SF	8742 SF
217-xx	Elec & Comm Equipment	107812 SF	107812 SF	87543 SF	87543 SF	87543 SF
218-00	Misc Procured items & equipment	42212 SF	42212 SF	42428 SF	42428 SF	42428 SF
219-xx	Installation Repair & Operation	45660 SF	45660 SF	42301 SF	42301 SF	42301 SF
421-22	Ammo Storage-Installation	67190 SF	67190 SF	56558 SF	56558 SF	56558 SF
441-xx	General Supply Storage - Covered	3830 SY	3830 SY	3110 SY	3110 SY	3110 SY
451-xx	General supply Storage Open					
xxx-xx	Other					
Total	xxxxxxxxxxxxxxxxxxxxxxxx					
411-xx	Liquid storage Bulk					

23.c. For each type of facility (CCN) listed in the preceding table, answer the following questions on mobilization. Indicate "NA" if applicable.

- (a) Is additional capacity required for mobilization? No.
- (b) If so, how much (use appropriate unit of measure) and why?



## Administrative Spaces

### 24. FMF Units:

In the following table, indicate (in SF) the space available, average age, and condition for each facility designated or used for administrative purposes.

Building type	NAVFAC (P-80) category code	Avg age	Installation space (SF)			
			Adequate	Substandard	Inadequate	Total
MEF/MEB/MEU Headquarters MARFORPAC	610-10	50	129224	14145	26292	169661
Division/Wing Headquarters	610-70	N/A	N/A	N/A	N/A	N/A
Regiment/Group Headquarters	610-71	0	0	0	0	0
Battalion*/Squadron Headquarters	610-72	0	0	0	0	0
<b>TOTAL</b>	NA	N/A	129224	14145	26292	169661

\*Include Company administrative spaces.

4.a. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Administrative/160-10
- b. WHAT MAKES IT INADEQUATE? No fire protection, deteriorated beyond economical repair.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Admin
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? No plans to remodel.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None, building will be demolished.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

**24.b.** Complete the following table(in SF) for **future requirements** for each category code number (CCN) listed.

Type of Facility	User of facility	Current Capacity	FY 95 REQ	FY97 REQ	FY 99 REQ	FY 01 REQ
610-10	MEF/MEB/MEU MARFORPAC	169661	103548	103548	103548	103548
610-70	Division/Wing Headquarters	N/A	N/A	N/A	N/A	N/A
610-71	Regiment/Group Headquarters	0	0	0	0	0
610-72	Battalion/Squadron Headquarters	0	0	0	0	0
610-73	Company/Battery Headquarters	0	0	0	0	0
Total	xxxxxxxxxxxxxxxxxxxx	1699661	103548	103548	103548	103548

**24.c.** For each type of facility (CCN) listed in the preceding table, answer the following question on mobilization. Indicate "NA" if applicable.

- (a) Is additional capacity required for mobilization? No.
- (b) If so, how much and why? N/A

**Base Units:**

25. In the following table, indicate (in SF) the space available, average age, and condition for each facility designated or used for administrative purposes.

Building type	NAVF AC (P-80) category code	Avg age	Installation space (SF)			
			Adequate	Substandard	Inadequate	Total
Administrative office	610-10	44	215597	44483	26724	286804
Automated data processing installation	610-20	52	8858	6240	-	15098
Legal services	610-40	50	-	10420	-	10420
Other (Specify)	610-**	33	213068	79312	-	292380
TOTAL	NA	NA	437523	140455	26724	604702

25.a. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: Admin Space/610-10.
- b. WHAT MAKES IT INADEQUATE? No fire protection.
- c. WHAT USE IS BEING MADE OF THE FACILITY? Admin.
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? N/A. Planned for demolition.
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? N/A.
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: None.
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

25.b. Complete the following table(in SF) for future requirements each category code number (CCN) listed.

CCN	Type of Facility	Current Capacity	FY 95 REQ	FY 97 REQ	FY 99 REQ	FY 01 REQ
610-10	Administrative office	249021	179948	176781	176781	176781
610-20	Automatic data processing installation	13128	13128	12792	12792	12792
610-40	Legal Services	5550	5550	5317	5317	5317
610- **	Other 61030/61070/610 71/61072/61073/6 1077	247710	247710	176448	176448	176448
TOTAL		515409	446336	371338	371338	371338

25.c. For each type of facility (CCN) listed in the preceding table, answer the following question on mobilization. Indicate "NA" if applicable.

(a) Is additional capacity required for mobilization? No.

(b) If so, how much and why?

CCN	Additional Capacity Required for Mobil.	Additional Capacity Required (SF)	Why Required
610-10	No	-	-
610-20	NA	-	-
610-40	NA	-	-
610-70	No	-	-
610-71	No	-	-
610-72	No	-	-
610-73	No	-	-
610-77	No	-	-

**BEQ & BOQs**

26. Provide data on the BEQs and BOQs assigned to your **current** plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E5, E6-E9, and Officers.

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 403,404 721-11	214	30	214	11550				
BEQ 401,402 721-11	201	102	201	39270				
BEQ 401,402, 403 721-12	29	29	29	11165				
BEQ 404 721-13	13	13	13	5005				
BOQ 503 724-20	39	39	39	19800				
BOQ 503 724-11/12	48	96			48	24200		
BEQ 386 721-13	52	104	52	26200				
BEQ 5071 721-13	53	106	53	20700				
BEQ 221 721-11	85	OPEN BAY			85	7700		
BEQ 222 721-11	85	OPEN BAY			85	7700		
BEQ 225 721-11/12	81	28	81	8200				
BEQ 226 721-11/12	82	28	82	8200				
BEQ 227 721-11/12	81	28	81	8200				

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 228 721-11/12	82	28	82	8200				
BEQ 229 721-11/12	81	28	81	8200				
BEQ 230 721-11/12	81	28	81	8200				
BEQ 1028 721-11/12	84	45	84	10400				
BEQ 1029 721-11/12	84	45	84	10400				
BEQ 1030 721-11/12	49	26	49	6000				
BEQ 1031 721-11/12	49	26	49	6000				
BEQ 1032 721-11/12	84	45	84	10400				
BEQ 1033 721-11	50	OPEN BAY			50	4500		
BEQ 1034 721-11	100	OPEN BAY			100	9000		
BEQ 1035 721-11	135	OPEN BAY			135	12500		
BEQ 1036 721-11	135	OPEN BAY			135	12500		
BEQ 1043 721-11	35	OPEN BAY			35	3500		
BEQ 1045 721-11	50	OPEN BAY			50	4500		

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1046 721-11/12	113	39	113	10500				
BEQ 1047 721-11/12	113	39	113	10500				
BEQ 1048 721-11/12	64	22	64	7200				
BEQ 1049 721-11/12	64	22	64	7200				
BEQ 1050 721-11/12	101	35	101	9500				
BEQ 1051 721-11/12	64	22	64	7200				
BEQ 1053 721-11/12	101	35	101	9500				
BEQ 1056 721-11/12	96	33	96	8900				
BEQ 1057 721-11	135	OPEN BAY			135	12500		
BEQ 1059 721-11/12	96	33	96	8900				
BEQ 1060 721-11/12	61	21	61	5700				
BEQ 1061 721-11/12	61	21	61	5700				
BEQ 1062 721-11/12	96	33	96	8900				
BEQ 1063 721-11/12	96	33	96	8900				
BEQ 1064 721-11/12	85	OPEN BAY			85	8300		

Facility Type, Bldg. # & CCN*	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ 1094 721-11/12	76	41	76	94300				
BEQ 1096 721-11/12	27	15	27	3450				
BEQ 1604 721-11/12	278	96	278	25900				
BEQ 1632 721-11/12	210	72	210	19400				
BEQ 1633 721-11/12	244	84	244	22700				
BEQ 1634 721-11/12	278	96	278	25700				
BEQ 1635 721-11/12	210	72	210	19400				
BEQ 1654 721-11/12	244	84	244	22700				
BEQ 1655 721/11-12	278	96	278	25900				
BEQ 1656 721-11/12	313	108	313	29200				
BEQ 5070 721-11/12	200	106	200	20700				

**26.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: N/A
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR

BASEREP?

**26.b.** Provide data on the BOQs and BEQs **projected** to be assigned to your plant account in **FY 1997**. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1- E5, E6-E9, and Officers.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
Same as 26. above.								

**26.c.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information: N/A

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

26.d. List projected BEQ & BOQ requirements for the FYs as indicated below.

Type of facility & CCN*	FY 94 REQ	FY 95 REQ	FY97 REQ	FY 99 REQ	FY 01 REQ
	Beds/SF	Beds/SF	Beds/SF	Beds/SF	Beds/Sf
BEQ 72111/ 72112	4359/478395	4359/478395	3628/402120	3628/402120	3628/402120
BEQ 72113	149/41725	149/41725	151/54685	151/54685	151/54685
BOQ 72411/ 72412	48/24200	48/24200	48/24200	48/24200	48/24200
BOQ 72420	39/19800	39/19800	39/19800	39/19800	39/19800

\*Use CCN to differentiate between E1-E5, E6-E9 and Officers.

26.e. For both BEQ and BOQ answer the following questions on mobilization.

1. Are additional quarters required for mobilization? No.
2. If so, how much and why? N/A

**D. Family Housing**

27. For military married family housing assigned to your plant account provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	84	84	0	0
Officer	3	260	260	0	0
Officer	1 or 2	32	32	0	0
Enlisted	4+	361	361	0	0
Enlisted	3	942	942	0	0
Enlisted	1 or 2	692	692	0	0
Mobile Homes	0	0	0	0	0
Mobile Home lots	0	0	0	0	0

27.a. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

\* 27. The 2371 includes 2197 units at Kaneohe, 168 units at Manana Housing Area and 6 units at Camp Smith. The 2197 units at Kaneohe includes the 276 (802 Housing) units, which are on-base, used almost exclusively by USMC, and are on Army account for administrative purpose. The 276 (802 Housing) units are expected to return to our plant account as OCFH is in the process of deconsolidation.

**27.b.** Assume that all planned MILCON in PB (President's budget submission) through FY 1997 is completed as scheduled, what additional capacity would be realized? Provide cost and detail all additional capabilities and calculations. FY 93 MILCON H304 and H305 will construct 300 units estimated at \$42 million. The project includes 150 2-bedroom units, 104 3-bedroom units and 46 4-bedroom units. Camp H. M. Smith is the site location for proposed Section 802 housing to be constructed during FY97. This housing was originally intended to house all services among 250 officer designated quarters.

**27.c.** What additional projects could be added to provide married family housing? At what estimated cost? Provide details and assumptions for all calculations. None. Based on the FSR dated 5-13-94, Kaneohe will have minimal Family Housing deficit after completion of FY93 MILCON project. Additional space is not available at Camp H. M. Smith or the Manana Housing Area.

**27.d.** List and explain the limiting factors that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., clear zone restrictions, environmental restrictions, land areas, etc.). N/A at Kaneohe. Additional land area is not available in excess of the site identified at Camp H. M. Smith for the proposed 802 housing.

**27.e.** For personnel assigned to your base and tenant activities who live in government quarters other than yours, indicate the plant account holder UIC for their quarters. There are approximately 121 personnel assigned to Kaneohe that live in Navy Family Quarters in Pearl Harbor area. The UIC for their quarters is W3RBAA. For Manana and Camp Smith the UIC is 62813.

**27.f.** List projected family housing **requirements** for the FYs as indicated below.

Type of Housing	# of bdrms	FY 94 REQ	FY 95 REQ	FY97 REQ	FY 99 REQ	FY 01 REQ
Officer	4+	97	97	85	85	85
Officer	3	277	277	241	241	241
Officer	1 or 2	77	77	67	67	67
Enlisted	4+	375	375	326	326	326
Enlisted	3	958	958	834	834	834
Enlisted	1 or 2	1019	1019	887	887	887



**E. Messing Facilities:**

**28.** Provide data on the **messing facilities** assigned to your **current** plant account.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Messhall 722-10/1089	58100	740	58100					1308

**28.a.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE: N/A
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

28.b. Provide data on the **messing facilities** projected to be assigned to your plant account in **FY 1997**.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Messhall 722-10/1089	58100	740	58100					1308
Messhall 722- 10/200	7560	198	7560					85

28.c. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information: N/A

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

28.d. List your projected **requirements** for messing (in SF and seats) for the FYs as indicates below.

Facility Type	Current Capacity	FY 95	FY97	FY 99	FY 99	FY 01
Messhall 722- 10/1089	58100/740 SF/Seats	58100/740 SF/Seats	47177/600 SF/Seats	47177/600 SF/Seats	47177/600 SF/Seats	47177/600 SF/Seats

28.e. For Messing Facilities answer the following Questions on mobilization.

A. Is additional capacity required for mobilization? No.

B. If so how much (use appropriate measures) and why? N/A.

28.b. Provide data on the **messing facilities** projected to be assigned to your plant account in FY 1997.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Messhall 722-10/1089	58100	740	58100					1308
Messhall 722- 10/200	7560	198	7560					85

28.c. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information: N/A

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

28.d. List your projected **requirements** for messing (in SF and seats) for the FYs as indicates below.

Facility Type	Current Capacity	FY 95	FY97	FY 99	FY 99	FY 01
Messhall 722- 10/1089	58100/740 SF/Seats	58100/740 SF/Seats	47177/60 SF/Seats	47177/60 SF/Seats	47177/60 SF/Seats	47177/60 SF/Seats

28.e. For Messing Facilities answer the following Questions on mobilization.

A. Is additional capacity required for mobilization? No.

B. If/so how much (use appropriate measures) and why? N/A.

**BASE INFRASTRUCTURE  
REAL ESTATE**

29. Real Estate Resources. Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

**Real Estate Resources**

Site Location: KANEHOE BAY

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	128	76	0	52
Operational	499	499	0	0
Training	322	N/A	0	0
R & D	0	0	0	0
Supply & Storage	172	100	0	72
Admin	81	50	0	31
Housing	564	450	57	57
Recreational	161	161	0	0
Navy Community Services	152	110	0	42
Open Space	35	N/A	35	N/A
Utility	48	48	N/A	N/A
*Other Constraint Area	788	0	0	0
<b>Total:</b>	<b>2950</b>	<b>1494</b>	<b>92</b>	<b>254</b>

\* Constraint area includes wetlands, archaeological sites, ESQD Arcs and wildlife management area.

**Real Estate Resources**

Site Location: BELLOWS AFS

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	N/A	N/A	N/A	N/A
Operational	N/A	N/A	N/A	N/A
Training*	1234	N/A	N/A	N/A
R & D	N/A	N/A	N/A	N/A
Supply & Storage	N/A	N/A	N/A	N/A
Admin	N/A	N/A	N/A	N/A
Housing	N/A	N/A	N/A	N/A
Recreational	N/A	N/A	N/A	N/A
Navy Community Services	N/A	N/A	N/A	N/A
Open Space	N/A	N/A	N/A	N/A
Utility	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A
<b>Total:</b>	<b>1234</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

\* Currently, Marines are using two non-contiguous parcels for Infantry and Helo training totaling 726 acres at Bellows AFS. A recent Congress directed study of land uses at Bellows AFS recommends to relocate the Air Force (AF) communications functions from Bellows AFS to the Navy's Radio Transmitter Facility (RTF), Lualualei, and expand training into the communications area vacated at Bellows. Therefore, the total training area for Marines will be 1,234 acres at Bellows AFS.

**Real Estate Resources**

Site Location: Molokai Training Facility

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	N/A	N/A	N/A	N/A
Operational	N/A	N/A	N/A	N/A
Training	12.01	6.0	0	6.01
R & D	N/A	N/A	N/A	N/A
Supply & Storage	N/A	N/A	N/A	N/A
Admin	N/A	N/A	N/A	N/A
Housing	N/A	N/A	N/A	N/A
Recreational	N/A	N/A	N/A	N/A
Navy Community Services	N/A	N/A	N/A	N/A
Open Space	N/A	N/A	N/A	N/A
Utility	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A
<b>Total:</b>	<b>12.01</b>	<b>6.0</b>	<b>0</b>	<b>6.01</b>

### Real Estate Resources

Site Location: Pearl City Annex

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	0	0	0	0
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	27.09	17.09	0	10

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Admin	0	0	0	0
Housing	0	0	0	0
Recreational	0	0	0	0
Navy Community Services	0	0	0	0
Open Space	0	0	0	0
Utility	0	0	0	0
Other	0	0	0	0
<b>Total:</b>	<b>27.09</b>	<b>17.09</b>	<b>0</b>	<b>10</b>

NOTE: While these warehouses are old, they have been continually repaired and maintained, and provide a valuable service. They are located on prime real estate near the centroid of the island, are within a fenced, enclosed compound, and are heavily used. Because they are physically located approximately 20 miles from MCBH Kaneohe Bay, we are currently working with the GSA on a non-excess property creative exchange initiative, whereby these warehouses and the land they occupy would be turned over to the GSA. In return, the GSA would provide funds to build an estimated 200,000 SF of new warehousing aboard MCBH Kaneohe Bay, and also provide storage aids and equipment for these new warehouses and existing Kaneohe Bay warehouses. This initiative will create a win-win situation for the U.S. Government.

### Real Estate Resources

Site Location: CAMP SMITH

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	N/A	N/A	N/A	N/A
Operational	N/A	N/A	N/A	N/A
Training	N/A	N/A	N/A	N/A
R & D	N/A	N/A	N/A	N/A

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Supply & Storage	4	2	0	2
Admin	N/A	N/A	N/A	N/A
Housing	60	0	0	60
Recreational	N/A	N/A	N/A	N/A
Navy Community Services	N/A	N/A	N/A	N/A
Open Space	N/A	N/A	N/A	N/A
Hunting/Fishing Programs	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A
<b>Total:</b>	<b>64</b>	<b>2</b>	<b>0</b>	<b>62</b>

30. Provide the following information on **base infrastructure** capacity and load.

MCBH Kaneohe Bay (only)	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand (Actual)
Electrical Supply (KWH)	(c)	20,000 KVA	13,000 KW	14,000 KW
Natural Gas (CFH)	NA	NA	NA	NA
Sewage (GPD) Average/Max	2,000,000 3,000,000	(d)	1,500,000	2,297,000 (a)
Potable Water (GPD) Avg/Max		3,000,000 (e)	2,000,000	2,800,000 (b)
Steam (PSI & lbm/Hr)	14-60 psi 57,000 lbm/hr	NA	14-60 psi 4,500 lbm/hr	14-60 psi 5,100 lbm/hr

MCBH Kaneohe Bay (only)	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand (Actual)
Long Term Parking	NA	NA	NA	NA
Short Term Parking	NA	NA	NA	NA

(a) for 3/94

(b) for 5/12 - 6/10/93.

(c) Limited to scattered stand-by generators serving individual facilities/loads.

(d) Contract is for acceptance of treated effluent only @ 5,000,000 GPD peak flow.

(e) Current contract estimated daily max demand. Actual system capacity is about 125,000,000 GPD for fire-fighting purposes.

**30.a.** Does the current base infrastructure (i.e., utilities, parking), combined with any upgrades/expansions budgeted through FY97 provide additional capacity? Explain what additional capacity would be gained.

No upgrades/expansions budgeted thru FY97 for utilities capacity.

**30.b.** How will future requirements (both environmental and base loading) on existing facilities (ie. sewage, water treatment plants etc. ) impact the base infrastructure capacity in FY 95-01. Explain. Include an estimate of the adjusted future capacity.

BRAC 93 projects - no adverse impact; no increase in loading. FY 93 Housing MCON projects H304 and H305 will have minor impact on utilities, adding 518,000 GPD peak flow of sewage, 729,000 GPD max daily demand for water and 750 KW max demand for electricity. Water service contract may have to be modified for increased demand. Sewage treatment plant may require expansion for any future projects after H304 & H305.

MCBH Camp Smith Location	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand (Actual)
Electrical Supply (KWH)	5,000	0	3,300	3,700
Natural Gas (CFH)	0	0	0	0
Sewage (GPD) Average/Max	7,918,000	0	75,000	388,220
Potable Water (GPD) Avg/Max	500 GPM	0	118,000	319 GPM
Steam (PSI & lbm/Hr)	0	0	0	0
Long Term Parking	0	0	0	0
Short Term Parking	1600	0	1600	1600 + 400

**30.a.** Does the current base infrastructure (i.e., utilities, parking), combined with any upgrades/expansions budgeted through FY97 provide additional capacity? Explain what additional capacity would be gained.

No.

**30.b.** How will future requirements (both environmental and base loading) on existing facilities (ie. sewage, water treatment plants etc. ) impact the base infrastructure capacity in FY 95-01. Explain. Include an estimate of the adjusted future capacity.

No impact, future capacity and load to remain essentially unchanged.

**B. Financial Maintenance, Repair Data**

**31.** Provide the financial maintenance, repair, and infrastructure data indicated in the following table for FYs 1985 - 1997. Do not include data on Detachments who have received this Data Call directly.

Fiscal Year	MRP (\$) <sup>1</sup>	CPV (\$) <sup>2</sup>	ACE (\$) <sup>3</sup>
FY1985	Not Available	849	Not Available
FY1986	Not Available	894	Not Available
FY1987	Not Available	941	Not Available
FY1988	22.4	990	Not Available

FY1989	18.6	1043	Not Available
FY1990	18.8	1097	Not Available
FY1991	19.4	1155	4
FY1992	17.4	1216	1.71
FY1993	12.7	1280	1.05
FY1994	13.3	1344	*133K (Camp Smith) *400K (Kaneohe)
FY1995	19.7	1411	1.31
FY1996	20.8	1482	1.41
FY1997	22.0	1556	1.41

<sup>1</sup>**MRP: Maintenance of Real Property Dollars** is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

<sup>2</sup>**CPV: Current Plant Value of Class 2 Real Property** is the hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

<sup>3</sup>**ACE: Acquisition Cost of Equipment** is the total acquisition cost of all "personal Property" equipment which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

Figures are gathered from the Naval Facilities Asset Data Base Transaction ledger compiled by the Facilities Systems Office in Port Hueneme, CA, NAVFAC P-164 and Base Maintenance and Repair cost records.

**Ordinance**

32. Does your activity perform any stowage or maintenance on any of the following ordinance commodities types: Y/N Yes\_\_\_

**ORDNANCE COMMODITY TYPES**

Mines	Expendables	LOE: Rockets
Torpedoes	INERT	LOE: Bombs
Air Launched Threat	CADS/PADS	LOE: Gun Ammo (20mm-16")
Surface Launched Threat	Strategic Nuclear	LOE: Small Arms (up to 50 cal)
Other Threat	Tactical Nuclear	LOE: Pyro/Demo
		Grenades/Mortars/Projectiles

**Ordinance Stowage and Support**

32.a. Provide present and predicted inventories (coordinate with inventory control manager) and maximum rated capability of all stowage facilities at each weapons storage location controlled by this activity. In predicting the out year facility utilization, distribute overall ordinance compliment to the most likely configuration. The maximum rated capability is also an out year projection taking into account any known or programmed upgrades that may increase current stowage capacity. When listing stowage facilities, group by location (e.g. main base, outlying field, special area).

**Total Facility Ordinance Stowage Summary**

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
624	6.5	360	13	720	207	11466
<b>TOTAL</b>	6.5	360	13	720	207	11466

32.b. For each Stowage facility identified in question above, identify the type of facility (specify if "igloo",

"box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

•Identify the reason(s) for which this ordnance is stored at your facility from the following list: own activity use (training); own activity use (operational stock); Receipt/Segregation/ Stowage/Issue (RSSI); transshipment/awaiting issue; deep stow (war reserve); deep stow (awaiting Demil); other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DON asset.

**Total Facility Ordnance Stowage Summary**

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
624 Magazine/Small Arms	Small Arms	Operational Stock	Small Arms

Additional comments:

32.c. Identify the rated category, rated NEW and status of ESQD arc for each stowage facility listed above.

**Facility Rated Status**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
624 Magazine/ Small Arms	100' R Class 1.4 Unlimited		Y	N	N/A

**32.d.** Identify any restrictions which prevent maximum utilization of your facilities. If restrictions are based on facility conditions, specify reason, the cost to correct the deficiency, and identify any programmed projects that will correct the deficiency and/or increase your capability.

Environmental concerns dictate that action be taken to investigate the requirement for an impact berm on ranges A and B to prevent the impact of rounds into the ocean. This project has been identified to CMC as project P117.

- Housing encroachment on explosive safety quantity distance (ESQRD) ARC.
- Cost unknown for correcting deficiencies.
- Remove inhabited buildings surrounding magazine area.
- Build new magazines by using pre-fabricated magazines.

**32.e.** Identify if your activity performs any of the following functions on any of the ordnance commodities previously listed. Technical support includes planning, financial, administrative, process engineering and SOP support. Within each related function identify each ordnance commodity type for which you provide these services and the total Direct Labor Man Hours (DLMHs) expended (FY 1994); identify only those DLMHs expended by personnel under your command.

**Related Ordnance Support**

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)	N		
Testing	N		
Manufacturing	N		
Outload	N		
Technical Support	N		

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

C. D. KUHN, JR.  
NAME (Please type or print)

Commanding General  
Title

MCBH Kaneohe Bay, Hawaii  
Activity

  
Signature

940609  
Date

**Data Call 24 Capacity Analysis**

**MCB Hawaii**

**UIC: M00318**

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

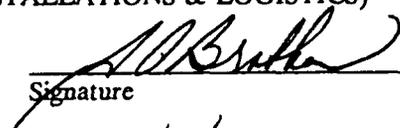
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

  
7/14/94

CERTIFICATION OF PAGE CHANGES TO DATA CALL 24, MCB HAWAII

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

LA BRABHAM  
NAME (Please type or print)  
LIEUTENANT GENERAL, U.S. MARINE CORPS  
DEPUTY CHIEF OF STAFF FOR  
INSTALLATIONS AND LOGISTICS  
Title

Signature

Date

*LA Brabham*  
8/9/94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

C. D. KUHN, JR.  
NAME (Please type or print)

Commanding General  
Title

MCBH Kaneohe Bay, Hawaii  
Activity

  
Signature

940609  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

*[Handwritten Signature]*  
7/14/94

**HEADQUARTERS UNITED STATES MARINE CORPS  
CERTIFICATION FOR DATA CALL TWENTY-FOUR  
MODIFICATION TO PAGES 41, 45, 45A, 45B, AND 46**

**DEPUTY CHIEF OF STAFF (INSTALLATIONS AND LOGISTICS)**

**I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.**

  
Signature

8/23/94  
Date

**J. A. BRABHAM  
LIEUTENANT GENERAL, U.S. MARINE CORPS  
DEPUTY CHIEF OF STAFF FOR  
INSTALLATIONS AND LOGISTICS**

HEADQUARTERS U.S. MARINE CORPS  
INTERNAL BSDB CERTIFICATIONS

INFORMATION BEING CERTIFIED: DATA CALL 24, pages 41, 45, 45a, 45b and 46

ACTION OFFICER: I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Rich Anderson  
NAME (Please type or print)

  
Signature

Head, Base Structure Section  
Title

22 Aug 1994  
Date

LFL  
CODE

BRANCH HEAD: I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Col R.W. Watkins  
NAME (Please type or print)

  
Signature

HEAD, LAND USE AND MILCON BR.  
Title

22 Aug 1994  
Date

LFL  
CODE

DIVISION DIRECTOR: I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

R. W. WATKINS  
NAME (Please type or print)

  
Signature

Acting Director of Facilities and  
Title Services Division

22 AUG 94  
Date

43

**ENVIRONMENTAL DATA CALL:  
DATA CALL TO BE SUBMITTED TO  
ALL NAVY/MARINE CORPS HOST ACTIVITIES**

**20 APRIL 1994**

**BRAC 1995 ENVIRONMENTAL DATA CALL:  
All Navy/Marine Corps Host Activities**

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## ENVIRONMENTAL DATA CALL

Responses to the following questions provide data that will allow an assessment of the potential environmental impact associated with the closure or realignment of a Navy shore activity. This criterion consists of:

- Endangered/Threatened Species and Biological Habitat
- Wetlands
- Cultural Resources
- Environmental Facilities
- Air Pollution
- Environmental Compliance
- Installation Restoration
- Land/Air/Water Use

As part of the answers to these questions, a *source citation* (e.g., 1993 base loading, 1993 base-wide Endangered Species Survey, 1993 letter from USFWS, 1993 Base Master Plan, 1993 Permit Application, 1993 PA/SI, etc.) must be included. It is probable that, at some point in the future, you will be asked to provide additional information detailing specifics of individual characteristics. In anticipation of this request, supporting documentation (e.g., maps, reports, letters, etc.) regarding answers to these questions should be retained. Information needed to answer these questions is available from the cognizant EFD Planning and Real Estate Divisions, and Environment, Safety, and Health Divisions; and from the activity Public Works Department, and activity Health Monitoring and Safety Offices.

For purposes of the questions associated with land use at your base is *defined* as *land* (acreage owned, withdrawn, leased, and controlled through easements); *air* (space controlled through agreements with the FAA, e.g., MOAs); and *water* (navigation channels and waters along a base shoreline) *under the control of the Navy*.

Provide a list of the tenant activities with UICs that are covered in this response.

Kaneohe Bay (Tenant Command Name)	UIC	Camp Smith (Tenant Command Name)	UIC
Marine Corps Air Facility	TBD	COMMARFORPAC	67025
III MEF Forces Kaneohe Bay	67339	HQ&SVC BN	67385
1st Radio Bn	67408	CINCPAC	00038
MARFORPAC Band	26312	DLA,HQDETPAC	48785
Sergeant's Course	00318	JT INTEL CTR PAC	68389

HRO Camp Pendleton	00681	JT TASK FORCE-FA	33011
NAESU/NETS	33208	MIL TRAF MGT CD	W3JVAA
NAVFACENGCOM (ROICC)	62742	NAV TELCOM CTR	42263
NIS	63435	NAVSEC GP DET	48082
NAVMED Clinic	68098	NAVMED Clinic	68098
Navy PWC	62755	NAVDENT CLNC	62313
Fire Department	62813	DEF FUEL REG PAC	68256
DIS	68194	DIS	68914
OCFHO	S94619	NCPAC	41354
Health Services Command	W07CAA		
DECA	CNW76		
DAO	HQ0137		

### 1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

1a. For federal or state listed endangered, threatened, or category 1 plant and/or animal species on your base, complete the following table. Critical/sensitive habitats for these species are designated by the U. S. Fish and Wildlife Service (USFWS). A species is present on your base if some part of its life-cycle occurs on Navy controlled property (e.g., nesting, feeding, loafing). Important Habitat refers to that number of acres of habitat that is important to some life cycle stage of the threatened/endangered species that is not formally designated.

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
<i>example: Haliaeetus leucocephalus - bald eagle</i>	<i>Threatened</i>	<i>Federal</i>	<i>25</i>	<i>0</i>
Fulica Americana Alai-Hawaii Coot ('Alae Ke'oke'o)	Endangered	Fed & State	0	2
Anas Wyvilliana-Hawaiian Duck (Koloa)	Endangered	Fed & State	0	2
Gallinula chloropus-Hawaiian Gallinule ('Alae 'ula)	Endangered	Fed & State	0	2
Himantopus Mexicanus Knudseni-Hawaiian Stilt (Ae'o)	Endangered	Fed & State	0	400
Chelonia Mydas-Green Sea Turtle (Honu)	Threatened	Fed & State	0	1958*

Monachus Schauinslandi-Hawaiian Monk Seal	Endangered	Fed & State	0	5 acres **
Megaptera Novaeangliae-Humpback Whale (Kohola)	Endangered	Fed & State	0	5 acres **
+ Camp Smith - Asio flammeus ++ sandwichensis (Pueo)	Endangered	State	0	60 acres

\* Turtle Habitat--turtles found in all shoreline areas around Peninsula with 500 yard restrictive buffer zone/waters = 1958 acres off computer map calculations.

\*\* Offshore waters within 500 yard Restrictive Buffer Zone.

Source Citation: Base Wildlife Management Plan and State Bird Count Records and in-house environmental staff observations.

+ Source Citation: Natural Resources Management Plan 10-90.

++ Transitory

**1b.**

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	NO
Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints. At MCBH Kaneohe.	YES

At MCBH Kaneohe, minimal constraints in the form of increased vigilance before, during and after shoreline training exercises (e.g., occasional beach landings by Landing Craft Air Cushioned (LCACs) for humpback whale, monk seal, or green turtle presence in ship-to-shore pathway or for occasional monk seal beach landing. If, in the unlikely event of the presence of such protected species, the ship-to-shore route is altered to another approved section of the shoreline to avoid disturbance.

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map.

MCBH Kaneohe Data Call 1 maps are still current and up-to-date.

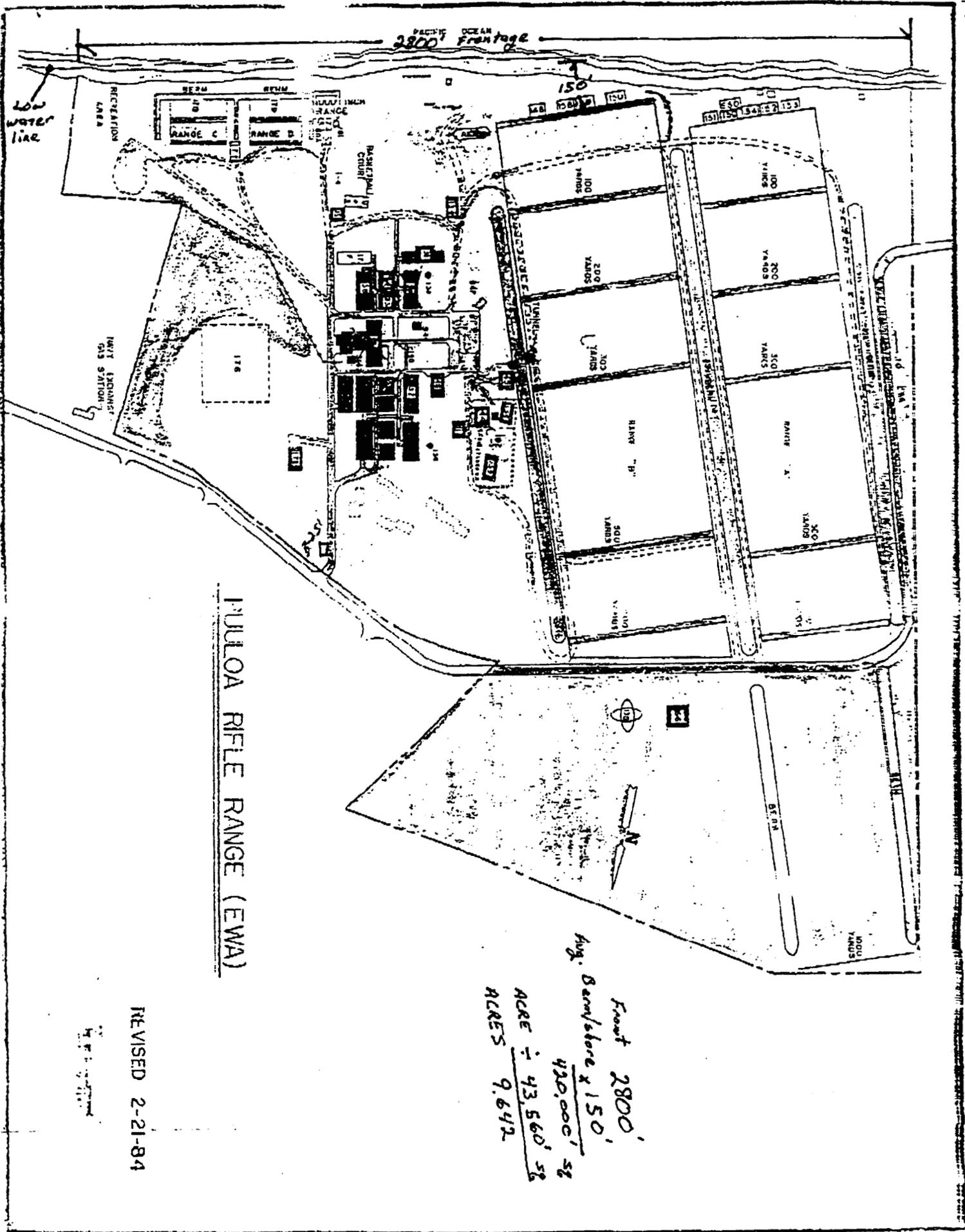
Camp Smith maps are at attachment 1c.

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	NO
--	----

1e.

Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO
---	----



**EWA RIFLE RANGE (EWA)**

Front 2800'  
 Avg. Depth 150'  
 $2800 \times 150 = 420,000 \text{ sq ft}$   
 $420,000 \div 43,560 = 9.642 \text{ acres}$

REVISED 2-21-84



## 2. WETLANDS

**Note:** Jurisdictional wetlands are those areas that meet the wetland definitional criteria detailed in the Corps of Engineers (COE) Wetland Delineation Manual, 1987, Technical Report Y-87-1, U.S. Army Engineer Waterway Experiment Station, Vicksburg, MS or officially adapted state definitions.

### 2a. MCBH Kaneohe

Does your base possess federal jurisdictional wetlands?	YES
Has a wetlands survey in accordance with established standards been conducted for your base?	YES
When was the survey conducted or when will it be conducted? 7 Oct 82	821007
What percent of the base has been surveyed?	99%
What is the total acreage of jurisdictional wetlands present on your base? Approximately 402	402

Source Citation: Kaneohe calculations off computer-generated map of wetland areas. Acreage of area within wetland boundary line. Not measured in metes and bounds.

**2b.** If the area of the wetlands has not been identified on base maps provided in Data Call 1, submit this on an updated version of Data Call 1 map.

**2c.** Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? NO. If YES, summarize the results of such modifications or constraints.

### 2a. Camp Smith

Does your base possess federal jurisdictional wetlands?	YES
Has a wetlands survey in accordance with established standards been conducted for your base?	YES
When was the survey conducted or when will it be conducted? 7 Oct 82	Oct 1990
What percent of the base has been surveyed?	100%
What is the total acreage of jurisdictional wetlands present on your base? Approximately 402	Approx. 9.6 (See atch 2a.)

Source Citation: Camp Smith's Natural Resources Management Plan 10/90.

2b. If the area of the wetlands has not been identified on base maps provided in Data Call 1, submit this on an updated version of Data Call 1 map. Coastline of Puuloa Training Center. However, State retains jurisdiction of coastline.

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? NO. If YES, summarize the results of such modifications or constraints.

### 3. CULTURAL RESOURCES

#### 3a. MCBH Kaneohe.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	YES
--	-----

SITE NO.	NAME	STATUS	SOURCE
(50-80-11)	(See attached map for location)	(See below)	
-1017	Mokapu Burial Area	Listed	1
-No. Not assigned	Hangar 101 & Sea Plane Ramps also a Natl. Hist Landmark	Listed-	1
-1002	Mokapu Peninsula Fishpond Complex (Nu'upia Ponds)	Eligible	1
-1431	Battery Pennsylvania (Bldg. #1571)	Eligible	2
-1432	Battery F. J. French (Bldg. #614)	Eligible	2
-No. not assigned	Bldg. #215-Command Administrative Hdqtrs.	Eligible	2
-2883	Prehistoric Deposit & Structures	Eligible	3
-1433	Agriculture Site	Eligible	3
-2885	Possible Ceremonial Structure	Eligible	3

-2886	Prehistoric, Early Historic Cultural Deposit	Eligible	3
-No. not assigned	Bunker (Ulupa'u Crater) (Bldg. #1511)	Eligible	4

SOURCE:

1. Keeper of the Register, National Park Service, Accepted Nomination Form.
2. Draft Historic Property Inventory (Pre-1952) by WIL CHEE - PLANNING through U.S. Army Corps of Engineers, for MCAS Kaneohe Bay, Sep 92.
3. Historic Property Inventory, Management and Recommendations, by H. D. Tuggle, ed. by R. J. Hommon, for MCAS Kaneohe Bay, through Pacific Division, Naval Facilities Engineering Command, Feb 86.
4. Draft Cultural Resources Management Plan through PACNAVFACENGCOM, for MCAS Kaneohe Bay, Hawaii 1992.

**3a. Camp Smith.**

<p>Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.</p>	<p>YES</p>
---	------------

Aiea Heights Naval Hospital (Bldg. 1)  
Swimming Pool (Bldg. 125)  
"Shangrila" (Camp Hawkins area)

**3b. MCBH Kaneohe**

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	YES
--	-----

Comment: No constraints and minimal mitigations required on Base operations or development plans have occurred to accommodate a National Register Listed or Eligible property. Minimal impacts have been: (a) adjustments to final site location of some projects to avoid affect on known historic properties; (b) the requirement to contract a qualified archaeologist to monitor ground disturbance during construction in certain areas known to be archaeologically sensitive; (c) the lengthening of the planning/design time frame for certain projects to allow for the completion of the appropriate consultation procedures per Section 106 of the National Historic Preservation Act.

**3c.**

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	YES
---	-----

MOKAPU BURIAL AREA: a Listed Property in the National Register of Historic Places (Site #50-80-11-1017).

**3b. Camp Smith**

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	NO
--	----

**3c.**

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	NO
---	----

**4. ENVIRONMENTAL FACILITIES**

**Notes:** If your facility is permitted for less than maximum capacity, state the maximum capacity and explain below the associated table why it is not permitted for maximum capacity. Under "Permit Status" state when the permit expires, and whether the facility is operating under a waiver. For permit violations, limit the list to the last 5 years.

**4a. At Kaneohe only.**

Does your base have an operating landfill? .....				YES	
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents <sup>1</sup>	Permit Status
	TOTAL	Remaining			
			Soil 260055		Active
			Waste 450955		
			Total 711010		

NOTE: A 24-acre sanitary landfill is in the northeast portion of the Station, along the east slope of Ulupa'u Crater. The site is bounded on the north by Magazine road, on the west by an open area adjacent to Daly Road, and on the south by a roadway along the Kailua Bay shoreline. Longitude-157 Degrees -44'-8', Latitude-21 Degrees -27'-3' - center of landfill.

Adjacent land uses range from military housing across from Daly road, ammunition storage across Magazine road, and recreational beach use along the Kailua Bay shoreline.

The sanitary landfill accepts solid waste generated from our industrial, administrative, and barracks areas. Wastes accepted include treated dried sewage sludge, green wastes, paper products, plastics, lumber, metal scraps, and fill material. All infectious medical waste, hazardous waste, food waste, and family housing waste are disposed of off-station through commercial or recycling contractors.

This sanitary landfill has been in operation since 1974. Operating hours are from 0700-1530, Monday and Friday. We estimate being able to continue using this sanitary landfill until the year 2003. The annual operating cost of the landfill is \$71,000. A groundwater monitoring well system will be installed during FY94.

The sanitary landfill is permitted by the State of Hawaii, under permit #SW-275293 issued on 12-10-90. It expires on 12-1-95. Renewal will be requested, and approval is expected.

Data Source: Sanitary Landfill Life Study, Marine Corps Air Station, Kaneohe Bay. By Fukunaga & Associates, Inc., August 1987.

<sup>1</sup> Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.

Improve landfill security - fencing and gates to be installed by October 1994. Cost = \$288K.

Determine Lechate characteristics - monitoring wells to be installed and sampled by September 1994. Cost = \$134K.

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

Landfill services Marine Corps users only.

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					YES
Facility/Type of Operation	Permitted Capacity	Ave Daily Throughput	Maximum Capacity	Permit Status	Comments
Recycling	N/A	1 Ton	N/A	N/A	See Note 4c.
Landfill	See Note 4a.				
Camp Smith Incineration	1000 lbs/hr Type O	1200 lbs	Current	Until	9-1-98

NOTE: Recycling: Our qualified recycling program currently collects bond paper (153 lbs/day) and spent munitions brass (231 lbs/day). Expansion of the program is expected this FY with a dedicated collection center and processing equipment which will allow expansion into other commodity collections.

List any permit violations and projects to correct deficiencies or improve the facility.

4d. Kaneohe Only.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					YES
ID/Location of WWTP	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status	Level of Treatment/Year Built
MCBH, Kaneohe	3.0 mil gal/day	1.6 mil gal/day	5.2 mil gal/day	Active until 31 Aug 94. Renewal submitted April 1994.	
Camp Smith	75.4k gal/day				

NOTE: The Water Reclamation Facility at Marine Corps Base Hawaii, Kaneohe Bay is a Grade III DoD domestic/industrial secondary trickling filter plant followed by tertiary treatment using an effluent polishing pond. The plant has an influent flow of approximately 1.6 Million Gallons per day. Approximately .5 Million Gallons per Day are used to irrigate the Klipper Golf Course and other recreational areas and the remaining flow is sent to a deep water ocean outfall. The facility has a design capacity of 3.0 Million Gallons per day with a peak design of 5.2 Million Gallons per day. The Water Reclamation Facility received several notice of violations from the State of Hawaii Department of Health in 1988 for maintenance violations. Since that time, the facility has been revised and all violations were corrected. The Water Reclamation Facility was the recipient of the EPA Region IX 1991 Operations and Maintenance Excellence award. The current permit (No. HI00110078) is in effect until August 31, 1994.

List permit violations and discuss any projects to correct deficiencies.

4e. If you do not have a domestic WWTP, describe the average discharge rate of your base to the local sanitary sewer authority, discharge limits set by the sanitary sewer authority (flow and pollutants) and whether the base is in compliance with their permit. Discuss recurring discharge violations.

N/A

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					NO
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status

List any permit violations and projects to correct deficiencies or improve the facility.

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system. No.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					NO
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			

List permit violations and projects/actions to correct deficiencies or improve the facility.

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable.

MCBH Kaneohe drinking water provided by the City and County of Honolulu with no capacity limitations.

Camp Smith Public Works Center, Pearl Harbor, Hawaii - No terms/conditions.

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	NO
--	----

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	NO
If NO, why not and provide explanation of plan to achieve permitted status.	

EPA is way behind on permitting process. Group application for General Storm Water Permit was submitted Oct 92; EPA may grant General Permit by Oct 94. Base is having a contractor prepare application for an individual permit which will be submitted Sep 94.

4l. YES/NO

Does your base have bilge water discharge problem?	No
Do you have a bilge water treatment facility?	No

Explain:

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO
---	----

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

No planned expansion. However, improved planned management procedures will increase the lifespan of the landfill.

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain.

No limitations to operations presented.

**5. AIR POLLUTION**

**5a.**

What is the name of the Air Quality Control Areas (AQCA's) in which the base is located? Oahu, State of Hawaii (Kaneohe & Camp Smith).	
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA's? Yes. List site, location and name of AQCA.	
<u>Site Identification</u>	<u>Air Quality Control Area</u>
Molokai Training Area	Molokai, Hawaii

**5b.** For each parcel in a separate AQCA fill in the following table. Identify with and "X" whether the status of each regulated pollutant is: attainment/nonattainment/maintenance. For those areas which are in non-attainment, state whether they are: Marginal, Moderate, Serious, Severe, or Extreme. State target attainment year.

Site: All AQCA's

AQCA: \_\_\_\_\_

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year <sup>1</sup>	Comments <sup>2</sup>
CO	X				No dependent factors
Ozone	X				No dependent factors
PM-10	X				No dependent factors
SO <sub>2</sub>	X				No dependent factors
NO <sub>2</sub>	X				No dependent factors
Pb	X				No dependent factors

<sup>1</sup> Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

<sup>2</sup> Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

5c. For your base, identify the baseline level of emissions, established in accordance with the Clean Air Act. Baseline information is assumed to be 1990 data or other year as specified. Determine the total level of emissions (tons/yr) for CO, NO<sub>x</sub>, VOC, PM<sub>10</sub> for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO					
NO <sub>x</sub>	See note below				
VOC					
PM <sub>10</sub>					

NOTE: Calendar Year 1993 is the first year the State of Hawaii has required calculations of air emissions. The calculations for 1993 is the only data available for baseline and current emission information.

Source Document: PMO Decal Records for FY-93  
 Base Fuels Department Records for FY-90 and FY-93  
 Environmental Protection Agencies AP-42  
 Facilities Support Requirement for 1992  
 Facilities Support Requirement for 1994 Draft

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NO<sub>x</sub>, VOC, PM<sub>10</sub> for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	0.75				
NO <sub>x</sub>	2.56	See Note below			
VOC	2.14				

K

PM10	0.08				
------	------	--	--	--	--

NOTE: Stationary emissions were calculated for Base air sources to determine 1993 State Emission fees. This is the first year for this requirement.

Since all Air Quality Control Areas are in Attainment zones there has been no requirement to track mobile air emissions sources such as aircraft, automobiles or other mobile equipment. Inventories and operational parameters have been gathered but emissions factors were not available from our EFD or State Environmental Offices.

**Personal Automobile Data from Base PMO**

Number of Personal Automobile Decals (1993) = 5,264  
 Number of 10 to 30 Day Temporary Passes (1993) = 4,231  
 Number of 24 hr. Temporary Passes (1993) = 64,814

Aircraft Fuel Usage 1990 from Base Fuels Dept = 13,965,864 gal JP-5

Aircraft Fuel Usage 1993 from Base Fuels Dept = 8,533,646 gal JP-5

Other Mobile Equip. Fuel Usage 1990, Fuels Dept = 70,850 gal Diesel

Other Mobile Equip. Fuel Usage 1993, Fuels Dept = 53,446 gal Diesel

Source Document: Same as 5c. above.

Air Emission Calculations for Stationary Sources: Attached.

**Camp Smith:**

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	.5				.5
NOx	.5				.5
VOC	4.0				4.0
PM10	.3				.3

Source Document: AIRMOD USMC  
 Facilities Emissions Report  
 Existing Controlled Emissions  
 MCB Camp H.M. Smith - November 19, 1992

5e. Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC,

PM10	0.08				
------	------	--	--	--	--

NOTE: Stationary emissions were calculated for Base air sources to determine 1993 State Emission fees. This is the first year for this requirement.

Since all Air Quality Control Areas are in Attainment zones there has been no requirement to track mobile air emissions sources such as aircraft, automobiles or other mobile equipment. Inventories and operational parameters have been gathered but emissions factors were not available from our EFD or State Environmental Offices.

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Other Mobile Equip. Fuel Usage 1993, Fuels Dept = 53,446 gal Diesel

Source Document: Same as 5c. above.

Air Emission Calculations for Stationary Sources: Attached.

**Camp Smith:**

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	.5				.5
NOx	.5				.5
VOC	4.0				4.0
PM10	.3				.3

Source Document: AIRMOD USMC  
 Facilities Emissions Report  
 Existing Controlled Emissions  
 MCB Camp H.M. Smith - November 19, 1992

5e. Provide estimated increases/decreases in air emissions (Tons/Year) of CO, NOx, VOC,

AIR EMISSION CALCULATIONS FOR STATIONARY SOURCES



CY 1993  
 CALCULATIONS OF EMISSIONS SOURCES  
 AT MARINE CORPS BASE HAWAII, KANEOHE BAY

FOR BOILER CALCULATIONS USING AP-42 EMISSION FACTORS

BOILER #s: 2195, 2196, 2300  
 PERMIT # P-849-1152  
 FUEL CONSUMPTION: 32,000 GAL/YR  
 AVG SULFUR CONTENT: 0.20%  
 AVG ASH CONTENT: 0.03%  
 AVG LEAD CONTENT: 0.00034%

	TONS
PM: (61 X 0.03) X (32 KGAL/YR) = 59 LB/YR (59/2000) =	.029
PM-10: (51 X .03) X (32 KGAL/YR) = 49 LB/YR (49/2000) =	.025
NOx: 19 X (32 KGAL/YR) = 608 LB/YR (608/2000) =	.304
SOx: (147 X 0.28) X (32 KGAL/YR) = 1317 LBS/YR (1317/2000) =	.659
CO: 5 X (32 KGAL/YR) = 160 LB/YR (160/2000) =	.080
VOC: 0.1 X (32 KGAL/YR) = 3.2 LB/YR (3.2/2000) =	.002
LEAD (.00034 X 55) X 32 KGAL/YR = .598 LB/YR (.598/2000) =	.0003
<b>SUB TOTAL - (1.099 TONS/BOILER) X 3</b>	<b>3.298</b>

FOR BOILER CALCULATIONS USING AP-42 EMISSION FACTORS

BOILER #s: 2281, 2880  
 PERMIT #: P-807-1153  
 FUEL CONSUMPTION: 56,000 GAL./YR  
 AVG SULFUR CONTENT: 0.28%  
 AVG ASH CONTENT: 0.03%  
 AVG LEAD CONTENT: 0.00034%

	TONS
PM: (61 X 0.03) X (56 KGAL/YR) = 103 LB/YR (103/2000) =	.05
PM-10: (51 X .03) X (56 KGAL/YR) = 86 LB/YR (86/2000) =	.04
NOx: 19 X (56 KGAL/YR) = 1064 LB/YR (1064/2000) =	.53
SOx: (147 X 0.28) X (56 KGAL/YR) = 2305 LBS/YR (2305/2000) =	1.15
CO: 5 X (56 KGAL/YR) = 280 LB/YR (280/2000) =	.14
VOC: 0.1 X (56 KGAL/YR) = 5.6 LB/YR (5.6/2000) =	.003
LEAD: (.00034 X 55) X (56 KGAL/YR) = 1.05 LBS/YR (1.05/2000) =	0.0005
SUB TOTAL - (1.91 TONS/BOILER X 2) =	3.82

VOC EMISSIONS

CORROSION CONTROL HANGAR:  
 PERMIT #:

BLDG 5069  
 P-781-1230

	TONS
3569 LBS TOTAL VOC/2000=	1.9

DIESEL BOILER EMISSION CALCULATIONS USING TABLE 1.3-2 & 4

BOILER #:	2398 <i>2</i>	
PERMIT #:	P-718-967	
FUEL CONSUMPTION:	845 GAL/YR	
AVG SULFUR CONTENT:	0.5%	TONS
SO2:	$(142 \times .5) \times .845 \text{ KGAL/YR} = 59.9 \text{ LB/YR}$ $(59.9/2000) =$	.030
NOX:	$20 \times (.845 \text{ KGAL/YR}) = 19 \text{ LB/YR}$ $(19/2000) =$	.010
CO:	$5 \times (.845 \text{ KGAL/YR}) = 4.23 \text{ LB/YR}$ $(4.23/2000) =$	.002
PM:	$(2 \times .5) \times .845 \text{ GAL/YR} = .845 \text{ LB/YR}$ $(.845/2000) =$	.0004
PM-10:	$(2 \times .5) \times .845 \text{ KGAL/YR} = .845 \text{ LB/YR}$ $(.845/2000) =$	.0004
VOC:	$3.4 \times .845 \text{ KGAL.YR} = 2.87 \text{ LB/YR}$ $(2.87/2000) =$	.001
SUB TOTAL		.0438

BOILER #:	2288	
PERMIT #:	P-485-1151	
FUEL CONSUMPTION:	3803 GAL/YR	
AVG SULFUR CONTENT:	0.5%	TONS
SO2:	$(142 \times .5) \times (3.803 \text{ KGAL/YR}) = 276 \text{ LB/YR}$ $(276/2000) =$	.137
NOX:	$2.0 \times (3.803 \text{ KGAL/YR}) = 7.6 \text{ LB/YR}$ $(7.6/2000) =$	.0038
CO:	$5 \times (3.803 \text{ KGAL/YR}) = 19 \text{ LB/YR}$ $(19/2000) =$	.010
PM:	$(2 \times .5) \times 3.803 \text{ KGAL} = 3.8 \text{ LB/YR}$ $(3.8/2000) =$	.0019
PM-10:	$(2 \times .5) \times 3.803 \text{ KGAL} = 3.8 \text{ LB/YR}$ $(3.8/2000) =$	.0019
VOC:	$3.4 \times 3.803 \text{ KGAL/YR} = 12.9 \text{ LB/YR}$ $(12.9/2000) =$	.007
SUB TOTAL		.262

DIESEL BOILER EMISSION CALCULATIONS USING TABLE 1.3-2 & 4

BOILER #: 2291  
 PERMIT #: P-868-1150  
 FUEL CONSUMPTION: 2275 PER YR  
 AVG SULFUR CONTENT: 0.5%

		TONS
SO2:	$(142 \times .5) \times 2.275 \text{ KGAL/YR} = 162 \text{ LB/YR}$ $(162/2000) =$	.080
NOX:	$20 \times (2.275 \text{ KGAL/YR}) = 46 \text{ LB/YR}$ $(46/2000) =$	.023
CO:	$5 \times (2.275 \text{ KGAL/YR}) = 11.4 \text{ LB/YR}$ $(11.4/2000) =$	.006
PM:	$(2 \times .5) \times 2.275 \text{ KGAL} = 2.275 \text{ LB/YR}$ $(2.275/2000) =$	.0023
PM-10:	$(2 \times .5) \times 2.275 \text{ KGAL} = 2.275 \text{ LB/YR}$ $(2.275/2000) =$	.0023
VOC:	$3.4 \times 2.275 \text{ KGAL/YR} = 7.74 \text{ LB/YR}$ $(7.74/2000) =$	.004
SUB TOTAL		.118

BOILER #: 2327  
 PERMIT #: P-868-1203  
 FUEL CONSUMPTION: 6513 PER YR  
 AVG SULFUR CONTENT: 0.5%

		TONS
SO2:	$(142 \times .5) \times 6.513 \text{ KGAL/YR} = 472 \text{ LB/YR}$ $(472/2000) =$	.236
NOX:	$20 \times (6.513 \text{ KGAL/YR}) = 130 \text{ LB/YR}$ $(13.0/2000) =$	.065
CO:	$5 \times (6.513 \text{ KGAL/YR}) = 11.4 \text{ LB/YR}$ $(11.4/2000) =$	.006
PM:	$(2 \times .5) \times 6.513 \text{ KGAL} = 6.513 \text{ LB/YR}$ $(6.513/2000) =$	.0033
PM-10:	$(2 \times .5) \times 6.513 \text{ KGAL} = 6.513 \text{ LB/YR}$ $(6.513/2000) =$	.0033
VOC:	$3.4 \times 6.513 \text{ KGAL/YR} = 22.1 \text{ LB/YR}$ $(22.1/2000) =$	.010
SUB TOTAL		.324

DIESEL BOILER EMISSION CALCULATIONS USING TABLE 1.3-2 & 4

BOILER #: 2328  
 PERMIT #: P-568-1203  
 FUEL CONSUMPTION: 1165 PER YR  
 AVG SULFUR CONTENT: 0.5%

	TONS
SO <sub>2</sub> : (142 X .5) X 1.165 KGAL/YR = 82.7 LB/YR (82.7/2000) =	.041
NO <sub>x</sub> : 20 X (1.165 KGAL/YR) = 23.3 LB/YR (23.3/2000) =	.012
CO: 5 X (1.165 KGAL/YR) = 5.83 LB/YR (5.83/2000) =	.003
PM: (2 X .5) X 1.165 KGAL = 1.165 LB/YR (1.165/2000) =	.0007
PM-10: (2 X .5) X 1.165 KGAL = 1.165 LB/YR (1.165/2000) =	.0007
VOC: 3.4 X 1.165 KGAL/YR = 3.96 LB/YR (3.96/2000) =	.002
<b>SUB TOTAL</b>	<b>.059</b>

LARGE STATIONARY DIESEL EMISSION CALCULATIONS USING TABLE 3.4-1

THREE EMERGENCY GENERATORS @ BLDG 309: 750 KW  
 TOTAL ANNUAL FUEL CONSUMPTION: 1200 GAL  
 AVG SULFUR CONTENT: 0.5%

	TONS
NO <sub>x</sub> : 3.1 X (1.2 KGL/YR X 140 KBTU/GL) = 521 LB/YR (521/2000) =	.26
CO: .81 X (1.2 KGL/YR X 140 KBTU/GL) = 136 LB/YR (136/2000) =	.07
SO <sub>x</sub> : (1.01 X .5) X (1.2 KGL/YR X 140 KBTU/GL) = 88.5 LB/YR: (88.5/2000) =	.004
VOC: 0.10 X (1.2 KGL/YR X 140 KBTU/GL) = 68 LB/YR (68/2000) =	.03
PM: .0496 X 1.2 KGL/YR X 140 KBTU/GL) = 8.3 LB/YR (8.3/2000)	.004
PM-10: .0496 X 1.2 KGL/YR X 140 KBTU/GL) = 8.3 LB/YR (8.3/2000)	.004
<b>SUB TOTAL - (0.372 TONS/GENERATOR X 3) =</b>	<b>1.12</b>

INTERNAL FLOATING ROOF TANKS

Facility: MCBH, KANEOHE BAY, HI

Period: CY 1993

Reviewer: G. LINGLE

Date: 4/14/94

Reference: AP-42, 12.3.3 (1)

Tank No.: AST 1253: TOTAL THROUGH PUT CALCULATED ON THIS TANK SINCE  
AST 1252 IS IDENTICAL.

Rim Seal Loss (Lr)

$$Lr = (Kr) (P) (D) (Mv) (Kc) / 2000$$

	input	
	-----	
Kr, lb-mole/(ft-yr)	2.5	seal factor, Table 12.3-14
P (dimensionless):	0.000255232	vapor pressure function
P = $\frac{Pva/Pa}{(1 + (1 - Pva/Pa)^{0.5})^2}$		
where: Pva =	0.015 psia	true vapor pressure, assume 80 degree F, Table 12.3-2
Pa =	14.7 psia	average atmospheric pressure assumed 14.7 psia
D (ft):	70	tank diameter
Mv (lb/lb-mole):	130	molecular weight, Table 12.3
Kc (dimensionless):	1	product factor; for crude oi K=0.4, all other organic liquids, K=1.0.

$$Lr = 0.00 \text{ tons/yr.}$$

Withdrawal Loss (Lw)

$$Lw = \frac{(0.943)QCW}{D} \left| 1 + \frac{NcFc}{D} \right| / 2000$$

Q (bbl/yr.):	204,455	throughput, (tank capacity X turnover rate)
C (bbl/1,000 sq.ft.):	0.0015	shell clingage factor,
	0.0015	

W (lb/gal.):	6.1	Table 12.3-10 average organic liquid densi
D (ft):	70	Table 12.3-2 tank diameter
Nc (dimensionless):	1	number of columns, Table 12. if tank does not have spec information for internal f roof with column supported fixed roofs.
Fc (ft):	1	effective column diameter, (column perimeter (ft)/pi) Fc=1.1 for 9" by 7" built 0.7 for 8" diameter pip 1.0 if column constructi not known.

Lw = 0.01 tons/yr.

Deck Fitting Loss (Lc)  
-----

$$L_f = (F)(P)(M_v)(K_c) / 2000$$

F (lb-mole/yr):	420.29	Total deck fitting loss fact Column-supported fixed roof = welded deck, Fig. 12.3-
	(0.0385 D <sup>2</sup> ) + (1.392 D) + 134.2	
P (dimensionless):	0.000255232	vapor pressure function See Lr, Rim Seal Loss
Mv (lb/lb-mole):	130	molecular weight, Table 12.3
Kc (dimensionless):	1	product factor; for crude oi K=0.0.4, all other organic liquids, K=1.0.

Lf = 0.01 tons/yr.

Deck Seam Loss (Ld)  
-----

Note: Deck seam loss applies only to internal floating roof tanks with bolt  
Therefore, if your source does NOT have a bolted deck, enter "0" for L

$$L_d = (K_d)(S)(D^2)(P)(M_v)(K_c)/2000$$

Kd (lb-mole/ft-yr)	0	deck seam loss per unit seam Kd = 0.34 for bolted decks Kd = 0.0 for welded decks
S (ft/ft <sup>2</sup> )		deck seam length factor see equation below, or Tab assume .20 ft/ft <sup>2</sup> to repr most common bolted decks c if information is unavaila

where:  $S = \frac{L_{\text{seam}} \text{ total length of deck seams (ft)}}{A_{\text{deck}} \text{ area of deck (ft}^2\text{)} = (\pi)D^2/4}$

D, P, Mv, and Kc as defined previously.

Ld = 0.00 tons/yr.

Total Loss (Lt)

Lt = Lr + Lw + Lf + Ld

Lt = 0.0 tons/yr.

INTERNAL FLOATING ROOF TANKS

Facility: MCBH, KANEOHE HI

Period: CY 1993  
 Reviewer: G. LINGLE  
 Date: 4/14/94  
 Reference: AP-42, 12.3.3-1

Tank No.: AST 1252 CALCULATED WITH 0 THROUGH PUT. TOTAL THROUGH PUT  
 CALCULATED FOR AST 1253 SINCE BOTH TANKS ARE IDENTICAL.

Rim Seal Loss (Lr)

$$Lr = (Kr) (P) (D) (Mv) (Kc) / 2000$$

input

Kr, lb-mole/(ft-yr) 2.5  
 P (dimensionless): 0.000255232

seal factor, Table 12.3-14  
 vapor pressure function

$$P = \frac{Pva/Pa}{(1 + (1 - Pva/Pa)^{0.5})^2}$$

where: Pva = 0.015 psia  
 Pa = 14.7 psia

true vapor pressure, assume  
 80 degree F, Table 12.3-2  
 average atmospheric temperat  
 assumed 14.7 psia

D (ft): 70  
 Mv (lb/lb-mole): 130  
 Kc (dimensionless): 1

tank diameter  
 molecular weight, Table 12.3  
 product factor; for crude oi  
 K=0.4, all other organic  
 liquids, K=1.0.

$$Lr = 0.00 \text{ tons/yr.}$$

Withdrawal Loss (Lw)

$$Lw = \frac{(0.943)QCW}{D} \left| 1 + \frac{NcFc}{D} \right| / 2000$$

Q (bbl/yr.): 0  
 C (bbl/1,000 sq.ft.): 0.0015

throughput, (tank capacity X  
 turnover rate)  
 shell clingage factor,

W (lb/gal.):	6.1	Table 12.3-10 average organic liquid densi
D (ft):	70	Table 12.3-2 tank diameter
Nc (dimensionless):	1	number of columns, Table 12. if tank does not have-spec information for internal f roof with column supported fixed roofs.
Fc (ft):	1	effective column diameter, (column perimeter (ft)/pi) Fc=1.1 for 9" by 7" built u 0.7 for 8" diameter pip 1.0 if column constructi not known.

$$L_w = 0.00 \text{ tons/yr.}$$

#### Deck Fitting Loss (Lc)

-----

$$L_f = (F)(P)(M_v)(K_c) / 2000$$

F (lb-mole/yr):	420.29	Total deck fitting loss fact Column-supported fixed roof = welded deck, Fig. 12.3-
(0.0385 D <sup>2</sup> ) + (1.392 D) + 134.2		
P (dimensionless):	0.000255232	vapor pressure function See Lr, Rim Seal Loss
Mv (lb/lb-mole):	130	molecular weight, Table 12.3
Kc (dimensionless):	1	product factor; for crude oi K=0.0.4, all other organic liquids, K=1.0.

$$L_f = 0.01 \text{ tons/yr.}$$

#### Deck Seam Loss (Ld)

-----

Note: Deck seam loss applies only to internal floating roof tanks with bolt

Therefore, if your source does NOT have a bolted deck, enter "0" for L

$$L_d = (K_d)(S)(D^2)(P)(M_v)(K_c)/2000$$

Kd (lb-mole/ft-yr)

0

deck seam loss per unit seam

Kd = 0.34 for bolted decks

Kd = 0.0 for welded decks

S (ft/ft<sup>2</sup>)

deck seam length factor

see equation below, or Tab

assume .20 ft/ft<sup>2</sup> to repr

most common bolted decks c

if information is unavaila

where: Lseam total length of deck seams (ft)

S = -----

Adeck area of deck (ft<sup>2</sup>) = (pi)D<sup>2</sup>/4

D, P, Mv, and Kc as defined previously.

Ld = 0.00 tons/yr.

Total Loss (Lt)

Lt = Lr + Lw + Lf + Ld

Lt = 0.0 tons/yr.

R

PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain.

MCBH Kaneohe current and projected air emission levels based on BRAC-93 realignment do not indicate the potential for variation within the next six years (1995-2001). Both fixed and mobile sources have been considered in these projections. The increase in aircraft from 50 to 80 will result in a 30% relative increase of identified pollutants. However, since the State of federal or commercial agencies to report aircraft emission levels. We have neither baseline nor current aircraft emissions data for this reason.

Camp Smith unknown. Future plans include switching from diesel to propane should cause emissions decrease.

**5f.** Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base? None

**5g.** Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct. No restrictions.

**5h.** Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

No ERCs or subject to emission offset requirements.

PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain.

MCBH Kaneohe current and projected air emission levels based on BRAC-93 realignment do not indicate the potential for variation within the next six years (1995-2001). Both fixed and mobile sources have been considered in these projections.

Camp Smith unknown. Future plans include switching from diesel to propane should cause emissions decrease.

**5f.** Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base? None

**5g.** Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct. No restrictions.

**5h.** Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

No ERCs or subject to emission offset requirements.

## 6. ENVIRONMENTAL COMPLIANCE

- 6a. Identify compliance costs, currently known or estimated that are required for permits or other actions required to bring existing practices into compliance with appropriate regulations. Do not include Installation Restoration costs that are covered in Section 7 or recurring costs included in question 6c.

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
Air	Yes	41	6	6	6	12	12
Hazardous Waste	Yes	515	15	15	15	30	30
Safe Drinking Water Act	Yes Kaneohe	3	23	3	3	6	6
PCBs *	Yes	0	0	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	No	0	0	0	0	0	0
Lead Based ** Paint	Yes	115	115	65	65	130	60
Radon	Yes	0	0	0	0	0	0
Clean Water Act	Yes	655	3670	721	842	798	649
Solid Waste	Yes	155	100	80	80	160	190
Oil Pollution + Act	Yes	120	120	120	120	240	120
USTs	Yes	730	795	1112	2225	1875	455
Other	N/A	-	-	-	-	-	-
Total	-	2334	4844	2122	3356	3251	1522

\* All PCB's items have been removed/replaced. Phoncon w/elec shop.

\*\* Final report will be issued by end of May 1994. According to LFPE, report does not contain info on \$s needed to correct deficiencies. Phoncon w/ X. Ching, 24 May 94.

+ If not funded in FY94, then same amount will be required the following year plus inflation.

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.



The \$10,836,895 includes the 300 buildings most suspected of containing asbestos. That is why these were surveyed. The other buildings, including recently constructed buildings, are suspected of containing significantly less asbestos than the 300 surveyed.

K

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source.

Funding Source	FY199 2	FY199 3	FY199 4	FY199 5	FY199 6	FY199 7	FY98-99	FY00-01
<b>O&amp;MN</b>	2360784	1565467	2799633	2914876	3028111	3149970	6681423	72263822
HA	-	-	-	-	-	-	-	-
PA	-	-	-	-	-	-	-	-
Other O&MN (specify)	-	-	-	-	-	-	-	-
<b>Other (specify)</b>	102000 0	443636	564000	600000	500000	200000	400000	400000
<b>TOTAL:</b>	338078 4	200910 3	336363 3	351487 6	352811 1	334997 0	7081423	7626382

NOTE: See specifics on Attachment 6c.

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. No.  
No.

**7. INSTALLATION RESTORATION**

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site <sup>1</sup>	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status <sup>2</sup> /Comments
Fuel Farm & Tank #1253	CERCLA	Yes	No	No	2.5	Unfunded, SI Compl. No Compl Date
CFR Pit #4 Site	CERCLA	Yes	Possible	No	N/A	Unfunded, SI compl. No Compl Date

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source.

Funding Source	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
O&MN	2360784	1565467	2799633	2914876	3028111	3149970	6681423	72263822
HA	-	-	-	-	-	-	-	-
PA	-	-	-	-	-	-	-	-
Other O&MN (specify)	-	-	-	-	-	-	-	-
Other (specify)	1020000	443636	564000	600000	500000	200000	400000	400000
<b>TOTAL:</b>	<b>3380784</b>	<b>2009103</b>	<b>3363633</b>	<b>3514876</b>	<b>3528111</b>	<b>3349970</b>	<b>7081423</b>	<b>7626382</b>

NOTE: See specifics on Attachment 6c.

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. No.  
No.

**7. INSTALLATION RESTORATION**

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site <sup>1</sup>	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status <sup>2</sup> /Comments
Fuel Farm & Tank #1253	CERCLA	Yes	No	No	2.5	Unfunded, SI Compl.
CFR Pit #4 Site	CERCLA	Yes	Possible	No	N/A	Unfunded, SI compl.



K

Waikane Valley	CERCLA	Unknown	Possible	Possible	N/A	SI Pending No Compl Date
Camp Smith Bordelon Field	CERCLA	No	No	No	\$800k/95	RD

<sup>1</sup> Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

<sup>2</sup> Status = PA, SI, RI, RD, RA, long term monitoring, etc.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

No.

7d.

Is there a groundwater treatment system in place?	NO
Is there a groundwater treatment system planned?	NO

State scope and expected length of pump and treat operation.

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES
--	-----

\*CMC LFL RCRA corrective actions budget study - July 1992 at Kaneohe Site only.

7f. Does your base operate any conforming storage facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions.

No.

7g. Does your base operate any conforming storage facilities for handling **hazardous waste**? If YES, describe facility, capacity, restrictions, and permit conditions.

No.

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

Waikane Valley	CERCLA	Unknown	Possible	Possible	N/A	SI Pending
Camp Smith Bordelon Field	CERCLA	No	No	No	\$800k/95	RD

<sup>1</sup> Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

<sup>2</sup> Status = PA, SI, RI, RD, RA, long term monitoring, etc.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

No.

7d.

Is there a groundwater treatment system in place?	NO
Is there a groundwater treatment system planned?	NO

State scope and expected length of pump and treat operation.

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES
--	-----

\*CMC LFL RCRA corrective actions budget study - July 1992 at Kaneohe Site only.

7f. Does your base operate any conforming storage facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions.

No.

7g. Does your base operate any conforming storage facilities for handling **hazardous waste**? If YES, describe facility, capacity, restrictions, and permit conditions.

No.

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

No.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	NO
--	----

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

At Kaneohe only, liquid fuel can no longer be used in the Crash Fire Rescue Training Pit. Training does continue using other approved fuel types.

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions. None

#### 8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
Main Base	2950	Kaneohe Bay, Oahu, Hawaii
Camp Smith	220.50	Halawa Heights, Oahu, Hawaii
Camp Smith Trng Facility	137.06	Puuloa, Oahu, Hawaii
Pearl City Warehouse Annex	27.10	Pearl City, Oahu, Hawaii
Manana Housing Area	62.71	Manana, Oahu, Hawaii
Molokai Trng Facility	12.01	Molokai, Hawaii

\* Source: NAVFAC P164

**8b.** Provide the acreage of the land use categories listed in the table below: MCBH Kaneohe Site

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		1804
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 402
		All Others: 318
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		204
Total Undeveloped land considered to be without development constraints		222
Total Off-base lands held for easements/lease for specific purposes		187,350
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	344 acres
	HERF	-
	HERP	-
	HERO	-
	AICUZ	7647.2 acres
	Airfield Safety Criteria	Overlap with AICUZ
	Other	-

**8c.** How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. 187,800.

**8d.** What is the date of your last AICUZ update?     /Nov    /1990. Are any waivers of airfield safety criteria in effect on your base? Y/N Summarize the conditions of the waivers below.

See Attachment 8d.

**8b.** Provide the acreage of the land use categories listed in the table below: MCBH Camp Smith Site

LAND USE CATEGORY	ACRES
-------------------	-------

Total Developed: (administration, operational, housing, recreational, training, etc.)	402	
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)	Wetlands: Coastline - Puuloa	
	All Others: 70	
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL	0	
Total Undeveloped land considered to be without development constraints	60	
Total Off-base lands held for easements/lease for specific purposes	0	
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	1 acres
	HERF	0
	HERP	Top of Bldg. 1, Camp Smith
	HERO	0
	AICUZ	0
	Airfield Safety Criteria	0
	Other	N/A

**8c.** How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. None.

**8d.** What is the date of your last AICUZ update? N/A. Are any waivers of airfield safety criteria in effect on your base? Y/N Summarize the conditions of the waivers below.

ATTACHMENT 8d.

NAVAIR Airfield Safety Waivers  
MCAS Kaneohe Bay

- K-1 Receiving Antenna Installation for PMR Kaneohe
- K-2 For M2 Morest Expeditionary Arresting gear SMC-11/spdltr 11/14/60
- K-3 For location of AN/UMQ5 SMC-112/7;WCA 2/3/61 Waiver to permit rehabilitatio of tower.  
Individual glass area not to exceed 52 square feet 31 May 62
- K-4 Rehabilitation of subject towers
- K-5 Runway lateral clearance waiver
- K-6 To permit installation GCA (AN/C-PN-4) at 275' Rt of CL and 4,000' up from end R/W 4. Weps  
MSG 171805Z SMC-211
- K-7 To permit installation GCA (TSQ-18) at 300' LF of CL and 2,450' up from en R/W 22 provided  
AN/C-PN-4 is removed after TSQ-18 is operational. Weps MSG 171805Z.
- K-8 To permit structure 138 to remain at 65' from the CL of T/W to end of R/W 4
- K-9 To permit trees to remain at 130' from CL of T/W to end of R/W 4
- K-10 To permit structure 153 to remain at 130' from CL of T/W to end of R/W 4
- K-11 To permit trees to remain at 750' and 1,000' up from end & 611' to 654' Rt of CL of R/W 4
- K-12 To permit structure 138 to remain at 770' up from end & 732' Rt of CL of R/W 4
- K-13 To permit structure 153 to remain at 900' up from end & 752' Rt of CL of R/W 4
- K-14 To permit structure 1596 to remain at 850' up from end & 528' & 550' Rt of CL of R/W 4
- K-15 To permit structure 141 to remain at 850' up from end & 569' Rt of CL of R/W 4
- K-16 To permit E-28 emergency arresting gear installation to remain located 2,500' inboard of R/W , as  
shown on PWO Dwg. No. SK10-163
- K-17 To permit optical landing system installation to remain located on the north side and 600' and  
750' inboard of R/W 4, as shown on PWO Dwg. SK10-163
- K-18 To permit Sewage Pumphouse #155 to remain located 710' south of and 1,630' inboard of  
Runway 4, which extends 8' above runway centerline elevation

K-30

To permit a TACAN mounted on a tower to penetrate the 7:1 transition surface at 800' southeast of the centerline of runway 22 and 2,400' inboard from the threshold, the applicable provisions of NAVFAC P-80.3 are waived provided the top of the installation is less than 53' above the transition surface.

K

8e. List the off-base land use *types* (e.g, residential, industrial, agricultural) and *acreage* within Noise Zones 2 & 3 generated by your flight operations and whether it is compatible/incompatible with AICUZ guidelines on land use.

MCBH Kaneohe Site Only.

Acreage/Location/ID	Zones 2 or 3	Land Use SLUCM*	Compatible/ Incompatible
7,232/Overwater	2 & 3	71.2,44,70,74, 84	Compatible
1,132/Land on Base	2 & 3	10,11,15,40,42, 65.1,43,46,47, 52-59,60,67	Compatible
37/Land off Base	2 & 3	10,35,40,42,46, 68	Compatible

\* Standard Land Use Coding

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement. None.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)

8e. List the off-base land use *types* (e.g, residential, industrial, agricultural) and *acreage* within Noise Zones 2 & 3 generated by your flight operations and whether it is compatible/incompatible with AICUZ guidelines on land use.

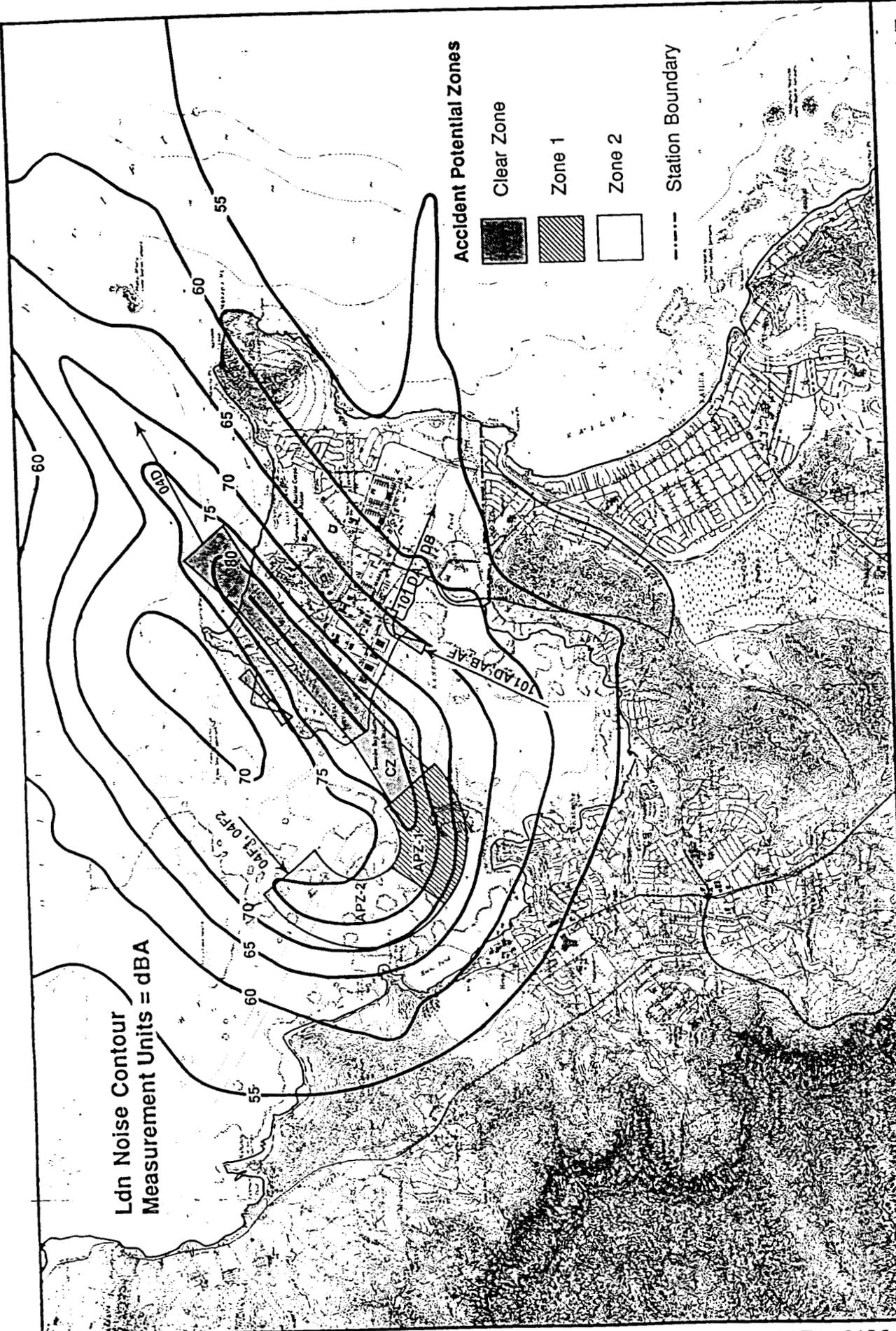
MCBH Kaneohe Site Only.

Acreage/Location/ID	Zones 2 or 3	Land Use SLUCM*	Compatible/ Incompatible
7,232/Overwater	2 & 3	71.2,44,70,74,84	See Attachment 8e.
1,132/Land on Base	2 & 3	10,11,15,40,42,65.1,43,46,47,52-59,60,67	See Attachment 8e.
37/Land off Base	2 & 3	10,35,40,42,46,68	See Attachment 8e.

\* Standard Land Use Coding

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement. None.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)



Ldn Noise Contour  
Measurement Units = dBA

**Accident Potential Zones**

- Clear Zone
- Zone 1
- Zone 2
- Station Boundary



2000 0 2000 4000  
Scale in Feet

MCAS Kaneohe Bay  
Oahu, Hawaii  
**AICUZ UPDATE**

**Figure 15**  
**THE 1990 AICUZ**

Source: Compiled by Belt Collins & Associates from data depicted in Figure 9 and Figure 13.

SUGGESTED LAND USE COMPATIBILITY IN NOISE ZONES

SLUCM NO.	LAND USE NAME	NOISE ZONES/DNL LEVELS IN Ldn						
		1		2		3		
		0-55	55-65	65-70	70-75	75-80	80-85	85+
23	Apparel and other finished products made from fabrics, leather, and similar materials; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
24	Lumber and wood products except furniture; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
25	Furniture and fixtures; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
26	Paper and allied products; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
27	Printing, publishing, and allied industries	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
28	Chemicals and allied products; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
29	Petroleum refining and related industries	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
30	Manufacturing (continued)							
31	Rubber and misc. plastic products; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
32	Stone, clay and glass products; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
33	Primary metal industries	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
34	Prefabricated metal products; manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
35	Professional, scientific, and controlling instruments; photographic and optical goods; watches & clocks--manufacturing	Y	Y	Y	25	30	N	N
39	Miscellaneous manufacturing	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N

SUGGESTED LAND USE COMPATIBILITY IN NOISE ZONES

SLUCM NO.	LAND USE NAME	NOISE ZONES/DNL LEVELS IN Ldn						
		1		2		3		
		<u>0-55</u>	<u>55-65</u>	<u>65-70</u>	<u>70-75</u>	<u>75-80</u>	<u>80-85</u>	<u>85+</u>
60	Services							
61	Finance, insurance and real estate services	Y	Y	Y	25	30	N	N
62	Personal services	Y	Y	Y	25	30	N	N
62.4	Cemeteries	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4,11</sup>	Y <sup>6,11</sup>
63	Business services	Y	Y	Y	25	30	N	N
64	Repair services	Y	Y	Y	Y <sup>2</sup>	Y <sup>3</sup>	Y <sup>4</sup>	N
65	Professional services	Y	Y	Y	25	30	N	N
65.1	Hospitals, nursing homes	Y	Y*	25*	30*	N	N	N
65.1	Other medical facilities	Y	Y	Y	25	30	N	N
66	Contract construction services	Y	Y	Y	25	30	N	N
67	Governmental services	Y	Y*	Y*	25*	30*	N	N
68	Educational services	Y	Y*	25*	30*	N	N	N
69	Miscellaneous services	Y	Y	Y	25	30	N	N
70	Cultural, entertainment and recreational							
71	Cultural activities (including churches)	Y	Y*	25*	30*	N	N	N
71.2	Nature exhibits	Y	Y*	Y*	N	N	N	N
72	Public assembly	Y	Y	Y	N	N	N	N
72.1	Auditoriums, concert halls	Y	Y	25	30	N	N	N
72.11	Outdoor music shells, amphitheaters	Y	Y*	N	N	N	N	N
72.2	Outdoor sports arenas, spectator sports	Y	Y	Y <sup>7</sup>	Y <sup>7</sup>	N	N	N
73	Amusements	Y	Y	Y	Y	N	N	N

## NOTES FOR SUGGESTED LAND USE COMPATIBILITY IN NOISE ZONES TABLE

1. a) Although local conditions regarding the need for housing may require residential use in these zones, residential use is discouraged in DNL 65-70 and strongly discouraged in DNL 70-75. The absence of viable alternative development options should be determined and an evaluation should be conducted prior to approvals indicating that a demonstrated community need for the residential use would not be met if development were prohibited in these zones.
  - b) Where the community determines that residential uses must be allowed, measures to achieve outdoor to indoor Noise Level Reduction (NLR) of at least 25 dB (DNL 65-70) and 30 dB (DNL 70-75) should be incorporated into building codes and be considered in individual approvals. Normal construction can be expected to provide a NLR of 20 dB, thus the reduction requirements are often stated as 5, 10 or 15 dB over standard construction and normally assume mechanical ventilation and closed windows year round. Additional consideration should be given to modifying NLR levels based on peak noise levels or vibrations.
  - c) NLR criteria will not eliminate outdoor noise problems. However, building location and site planning, design and use of berms and barriers can help mitigate outdoor noise exposure particularly from ground level sources. Measures that reduce noise at a site should be used wherever practical in preference to measures which only protect interior spaces.
2. Measures to achieve NLR of 25 must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
  3. Measures to achieve NLR of 30 must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
  4. Measures to achieve NLR of 35 must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
  5. If project or proposed development is noise sensitive, use indicated NLR; if not, land use is compatible without NLR.
  6. No buildings.
  7. Land use compatible provided special sound reinforcement systems are installed.
  8. Residential buildings require a NLR of 25.
  9. Residential buildings require a NLR of 30.
  10. Residential buildings not permitted.
  11. Land use not recommended, but if community decides use is necessary, hearing protection devices should be worn by personnel.

**8g.** Summarize planned projects through FY 1997 requiring **new channel or berthing area** dredged depths, include location, volume and depth.

None.

**8h.** MCBH both Camp Smith and Kaneohe.

Are there available <b>designated dredge disposal areas</b> for maintenance dredging material? List location, remaining capacity, and future limitations.	No
Are there available <b>designated dredge disposal areas</b> for new dredge material? List location, remaining capacity, and future limitations.	No
Are the dredged materials considered contaminated? List known contaminants.	No

**8.i.** List any requirements or constraints resulting from consistency with **State Coastal Zone Management Plans**.

For Kaneohe only, based on State and Federal coastal zone management plans, portion of this Base is within the potential flood hazards area during Tsunami or tropical storms. This has been taken into consideration for locations of all new constructions, especially housing projects.

**8j.** Describe any **non-point source pollution problems affecting water quality** ,e.g.: coastal erosion.

None for MCBH Kaneohe site.

Erosion runoff from horse trails at Camp Smith site. (Corrective action identified for FY 97 funding).

**8k.**

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	Yes for Kaneohe
---	-----------------

MCBH Kaneohe has Sikes Act Cooperative Agreement w/ U.S. Fish & Wildlife Service and State which allows for limited fishing access. No constraints or restrictions on operations.

**8l.** List any other areas on your base which are indicated as protected or preserved habitat other

than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

Base does not have any areas designated as protected or preserved habitat other than those listed in Section 1.

**9. WRAPUP**

**9a.** Are there **existing or potential environmental showstoppers** that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?

None.

**9b.** Are there any **other environmental permits** required for base operations, include any relating to industrial operations.

None

**9c.** Describe any **other environmental or encroachment restrictions** on base property not covered in the previous 8 sections.

None at MCBH Kaneohe.  
Puuloa Rifle Range (Camp Smith)

Private homes adjacent to

**9d.** List **any future/proposed laws/regulations or any proposed laws/regulations** which will constrain base operations or development plans in any way. Explain.

None.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

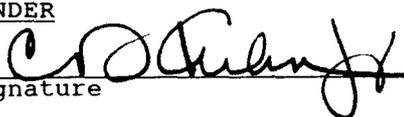
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

C. D. KUHN, JR.  
NAME (Please type or print)  
Commanding General  
Title  
MCBH Kaneohe Bay, Hawaii  
Activity  
Data Call # 33

  
Signature  
940607  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

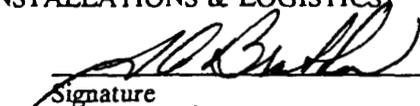
\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.  
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

\_\_\_\_\_  
NAME (Please type or print)

  
Signature

\_\_\_\_\_  
Title

8/24/94  
Date

DATA CALL 33  
MCB HAWAII

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

_____ NAME (Please type or print	_____ Signature
_____ Title	_____ Date
_____ Activity	

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

_____ NAME (Please type or print	_____ Signature
_____ Title	_____ Date
_____ Activity	

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

_____ NAME (Please type or print	_____ Signature
_____ Title	_____ Date
_____ Activity	

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

**J. A. BRABHAM**  
**LIEUTENANT GENERAL, U.S. MARINE CORPS**  
 DEPUTY CHIEF OF STAFF FOR  
 INSTALLATIONS AND LOGISTICS

\_\_\_\_\_  
 Title

*J. A. Brabham*  
 \_\_\_\_\_  
 Signature

11/2/94  
 \_\_\_\_\_  
 Date

**BRAC-95 CERTIFICATION**

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DATA CALL:** 33

**ACTIVITY:** MCB HAWAII

**PAGE (S):** 18, 19, 23, 24, 28

**BSWG REVIEW OFFICIAL**

G. W. MOORE  
NAME (Please type or print)

MAJIC, LONG RANGE LAND USE PLANNER  
Title

  
Signature  
4 NOV 94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

K. F. GREGORY



NAME (Please type or print)

Signature

Lieutenant Colonel, USMC

13 Oct 94

Title

Date

Division

C-3

Department

MCRB, Kaneohe Bay, HI

Activity

CORRECTIONS TO DATA CALL #33

Enclosure (1)



# UNITED STATES MARINE CORPS

COMMANDER, MARINE FORCES PACIFIC  
CAMP H. M. SMITH, HI 96861-5001

IN REPLY REFER TO:

11000  
FEO  
11 Feb 94

From: Commander, Marine Forces Pacific  
To: Commandant of the Marine Corps (Code LFL)  
Subj: BASE CLOSURE AND REALIGNMENT ACT DATA CALL NUMBER ONE FOR  
1995 SELECTION PROCESS  
Ref: (a) CMC ltr 11011, LFL/B-200 of 14 Jan 94  
Encl: (1) Deputy Commander, Marine Forces Pacific Authentication  
(2) CO, MCAS Kaneohe Bay HI Data Call #1 Submission

1. Per the reference, enclosures (1) and (2) are forwarded.

  
D. B. BIXLER  
By direction

Copy to:  
CO, MCAS, Kaneohe Bay, HI



UNITED STATES MARINE CORPS

MARINE CORPS AIR STATION  
BOX 63002  
KANEHOE BAY MCAS, HAWAII 96863-3002

IN REPLY REFER TO:

11011  
OP  
10 FEB 1994

From: Commanding Officer, Marine Corps Air Station, Kaneohe Bay  
To: Commandant of the Marine Corps (LFL)

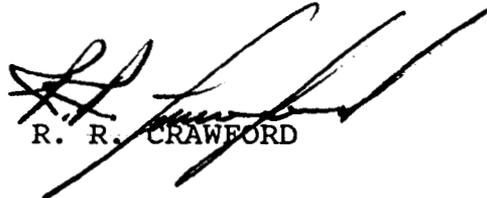
Subj: BASE CLOSURE AND REALIGNMENT ACT DATA CALL NUMBER ONE  
FOR 1995 SELECTION PROCESS

Ref: (a) CMC ltr 11011, LFL/B-200 of 14 Jan 1994

Encl: (1) Marine Corps Air Station, Kaneohe Bay  
(2) 1st Marine Expeditionary Brigade, FMF  
(3) 1st Radio Battalion, FMF  
(4) Branch Medical Clinic, Kaneohe Bay  
(5) 21st Dental Company, BSSG-1

1. In reply to the reference, enclosures (1) through (5) are submitted. Enclosure (1) reflects both the current status of MCAS Kaneohe Bay and the standup of Marine Corps Base Hawaii scheduled for no later than 15 April 1994. Enclosures (2) through (5) answer specific questions of the data call that were addressed by our major tenants. Information requested by question (14) has been forwarded under separate correspondence.

2. Point of contact is Lieutenant Colonel K. E. Gregory at (808) 257-7801, DSN 457-7801.

  
R. R. CRAWFORD

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

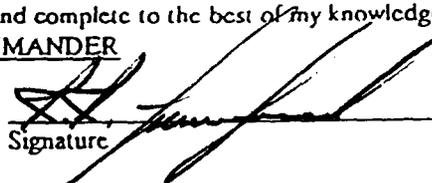
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

R. R. CRAWFORD  
NAME (Please type or print)

Commanding Officer  
Title

MCAS Kaneohe Bay, Hawaii  
Activity

  
Signature

940210  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

C. D. KUHN, Jr.  
NAME (Please type or print)

C. D. Kuhn  
Signature

Deputy Commander  
Title

940211  
Date

HQ, MARFORPAC  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

Title

Date

Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

NAME (Please type or print)

KA-TJL  
Signature

Title

16 MAR 1994  
Date

BRAC-95 CERTIFICATION  
DATA CALL NO. ONE (ITEMS 1-8)

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

M. YOSHIMAGA  
NAME (Please type or print)

DIRECTOR, INSTALLATIONS & LOGISTICS  
Title

M. Yoshimaga  
Signature

08 FEB 1994  
Date

\_\_\_\_\_  
Division

J&L  
Department

MCAS KANEHOE BAY, HI  
Activity

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

FRANCES C. MAYO  
NAME (Please type or print)

Manpower Director  
Title

Frances C. Mayo  
Signature

7 February 94  
Date

\_\_\_\_\_  
Division

Manpower Directorate  
Department

MCAS Kaneohe Bay  
Activity

Enclosure (1)

**DATA CALL 1: GENERAL INSTALLATION INFORMATION**

1. **ACTIVITY:** Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

<p align="center">Official name</p>	<p align="center">1. <i>Marine Corps Air Station Kaneohe Bay Hawaii</i> 2. <i>Marine Corps Base Hawaii</i></p>
<p align="center">Acronym(s) used in correspondence</p>	<p align="center">1. <i>MCAS Kaneohe Bay, MCAS KBay</i> 2. <i>MCB Hawaii, MARCORBASE Hawaii, MARCORBASE HI</i></p>
<p align="center">Commonly accepted short title(s)</p>	<p align="center">1. <i>KBay</i> 2. <i>MCBH</i></p>

- Complete Mailing Address

MCAS Kaneohe Bay  
MCB Hawaii  
Kaneohe Bay, Hawaii 96863-3002

- PLAD

1. MCAS Kaneohe Bay HI
2. MCB Hawaii

- PRIMARY UIC: 00318 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): N/A                      PURPOSE:

**NARRATIVE AS PART OF QUESTION #1**

**NOTE: (MCBH STANDS UP NLT 15 APR 94)**

Marine Corps Base Hawaii (MCBH), scheduled to standup NLT 15 Apr 94, will consolidate those functions associated with supporting (i.e. shore) establishment installations in Hawaii under one common commander to support Fleet Marine Force units and other tenants stationed in Hawaii. This consolidation will best provide the facilities, administrative, training, and logistical support to the operating forces. It will also provide a general officer (the Deputy Commander, Marine Forces Pacific will be dual-hatted and also serve as the Commanding General, MCBH) with headquarters at KBay to interact with tenant commanders and other installations commanders, such as the admiral who commands Naval Base Pearl Harbor. Additionally, MCBH provides a Marine Corps General Officer to interact with local communities.

MCBH will stand up with no additional personnel or funding--the consolidation will occur within existing resources.

MCBH's organization will be comprised of the following at KBay: HQ MCBH and a HQ BN. The following tenants will include: III MEF Forces; Marine Corps Air Facility; First Radio Battalion; Marine Forces Pacific Band; Sergeant's School; Navy and Coast Guard units to be relocated from NAS Barber's Point per BRAC 93; and other miscellaneous tenants.

Also included within MCBH but not physically located at KBay will be: Camp Smith; Manana Family Housing Area; Camp Smith Training Facility Puuloa; Molokai Training Support Facility; Pearl City Warehouse Annex; Waikane Valley; and the Bellows Air Force Station Training Annex.

In both the near and long terms, MCBH offers the clear potential for more efficient training, better facilities at reduced costs, more opportunities to enhance quality of life, and stronger programs in the areas of environmental compliance and protection of natural resources.

MCBH will help ensure that we are best prepared to accommodate any possible rollback of Marines from Okinawa now and in the foreseeable future, and help ensure the maintenance of a forward-based air and ground capability in the Pacific.

2. PLANT ACCOUNT HOLDER:

• Yes X                      No \_\_\_\_\_ (check one)

3. **ACTIVITY TYPE:** Choose most appropriate type that describes your activity and completely answer all questions.

• **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes   X   No        (check one)

• **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes        No   X   (check one)

• Primary Host (current) UIC:           

• Primary Host (as of 01 Oct 1995) UIC:           

• Primary Host (as of 01 Oct 2001) UIC:           

• **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes        No   X   (check one)

4. **SPECIAL AREAS:** List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Data Call 1: General Installation Information, continued

Activity: 00318

Name	Location	UIC
<p><b>NOW:</b>                      Molokai Training Support Facility                      Waikane Valley Impact Area                      Pearl City Annex                      USMC Wake Island Monument</p> <p><b>UNDER MCBH:</b>                      Above, plus                      Camp H. M. Smith                      Camp Smith Training Facility                      Manana Housing Area                      Bellows Training Annex -</p>	<p>Molokai, Hawaii                       Waikane, Oahu, Hawaii                      Pearl City, Oahu, Hawaii                      Wake Island</p> <p>Aiea, Oahu, Hawaii                      Puuloa, Oahu, Hawaii                      Manana, Oahu, Hawaii                      Waimanalo, Oahu, Hawaii</p>	<p>00318                       00318                      00318                      00318</p> <p>67385                      67385                      67385                      00318</p>

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

BRAC 93 recommended closure of NAS Barbers Point (BARPT), and relocation of its aircraft and their dedicated personnel and equipment support to KBay and Whidbey Island. Four P-3 squadrons, and ten H-60s were to relocate to KBay; two P-3 squadrons were to relocate to Whidbey. In an associated move, KBay was to relocate 24 F/A-18s and 24 CH-46s to NAS Miramar--these moves would facilitate the relocation of the BARPT squadrons to KBay. Additionally, much planning has been completed towards relocating four C-130s and four H-65s, all U. S. Coast Guard aircraft, from BARPT to KBay.

KBay was found to have a higher military value than BARPT (KBay had the third highest military value of all Navy and Marine Corps Air Stations evaluated during BRAC 93); maintaining operations at KBay ensured the retention of the capacity that KBay has to support ground forces. Given the uncertainties posed in overseas basing, such as the possible rollback of Marines from Okinawa or other DoD rollback from WESTPAC in the foreseeable future, this was especially important because of the flexibility it provides to support future military operations for both the Navy and Marine Corps.

The BSEC found that KBay was not encumbered by serious encroachment or noise problems, that it is not only an Air Station, but serves as a Marine Corps base as well, and that it gives the Department of the Navy the forward-based air/ground capability it needs in the Pacific. The planned consolidation of all Marine Corps activities in Hawaii under Marine Corps Base Hawaii is consistent with and supports these findings.

Varying opportunities exist to maximize the use of aviation facilities at KBay. If final BRAC 93 aviation relocation decisions permit, additional candidates for basing at KBay include:

a. The U.S. Army 214th Aviation Regiment ("Hillclimbers"). This Regiment has eight CH-47s, and an estimated 20 officers and 103 enlisted. Currently stationed at NAS BARPT, the Regiment originally planned to move to Wheeler AFS in Wahiawa, Oahu, but there are no suitable facilities at Wheeler available for their use. The Regiment has been authorized to remain at BARPT until December, 1994.

b. VR-51, a Naval Air Reserve unit which is currently awaiting delivery of two new C-20s now in production, and scheduled for completion in FY 94. This unit would be manned by up to 16 officers and 27 enlisted personnel.

c. A U.S. Army aviation unit now using very spartan facilities at Hickam AFB. This unit has one C-20 and two C-12 aircraft; personnel loading data is not currently available, but could include 20 officers and 22 enlisted. VR-51 representatives have discussed possible joint co-location of VR-51 and this unit to KBay, and there appears to be strong support for this, especially since the unit at Hickam already has a \$2M maintenance module which could be shared by all the C-20s (VR-51 would not have to buy its own maintenance module). Additionally, the Army unit would have the use of better facilities.

Further discussions with these units have been put "on hold" pending final BRAC 93 relocation decisions, which will precisely determine what aircraft, functions, and personnel will actually relocate to KBay.

In May, 1993, COMPACNAVFACENCOM began development of a facilities assessment to determine what would be needed to accommodate a number of combinations of relocation of units from NAS BARPT to KBay. This capacity analysis has been completed; "BRACCON" FY 96 programming of some of the required facilities has been initiated through CINCPACFLT. This programming includes modifications to a fixed-wing aircraft rinse facility, aircraft hangar alterations, and construction of an ordnance facility, aircraft intermediate maintenance department facilities, aviation supply building, and helicopter pad.

Programming of additional "BRACCON" is expected in FY97 and beyond.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91, -93 action(s).

**Current Missions**

- \* Support trans-Pacific (TRANSPAC) operations for aircraft missions between CONUS and WESTPAC areas.
- \* Provide helicopter and ocean-going vessel search and rescue services for military operations as well as in support of local civilian communities.
- \* Control aviation airspace assigned by the FAA.
- \* Execute Maritime Area Defense Zone (MARDEZ) responsibilities.
- \* Ensure the integrity of E.O. 8681 which established the Kaneohe Bay Naval Defensive Sea Area and Kaneohe Bay Navy Airspace Reservation.
- \* Support major Fleet Marine Force ground and aviation units in areas of training, combat readiness, MPF capability, ready backup/buildup of forward-based III MEF forces, and other assigned missions.
- \* Support the 1st Marine Expeditionary Brigade and 1st Radio Battalion in major joint training exercises, such as those which frequently occur involving units from Hong Kong, Australia, Samoa, (other, as provided by MEB/Rad Bn).
- \* Support CINCPAC-hosted training exercises.
- \* Support regional events, such as the Commandant of the Marine Corps-hosted Pacific Rim Commandant's Conference.
- \* Create an effective and efficient shore establishment through consolidation of all USMC activities on Oahu under MCBH, public-private ventures, and other initiatives.
- \* Service USN and USCG units to be relocated from NAS Barbers Point, per BRAC 93.
- \* Service an estimated 650 retired military personnel who reside in the Windward Oahu area; this is the only major DoD installation in East Oahu.
- \* Provide family and bachelor housing; morale, welfare, and recreation, and other support services for assigned USMC, USN and USA personnel.
- \* Maintain, operate, and provide services, materials, and facilities in support of 1st MEB 1st Radio Bn and other tenant organizations.

- \* To operate an airfield and provide airfield services.
- \* Provide for the welfare, well-being, morale and safety of Marines, Sailors, their families and civilian employees.
- \* Continuously improve the efficient and effective application of our resources.
- \* Continue our efforts to enhance our long-term military value.

Projected Missions for FY 2001

To maintain Base infrastructure; inspect, repair, plan and program.

To operate Base facilities; operations, logistics and administration.

To provide services and material that support/contribute to the readiness of assigned operating forces and tenant organizations.

Provide for the welfare, well-being, morale and safety of assigned service members, their families, and civilian employees.

Continuously improve the efficient and effective application of our resources.

Continue efforts to enhance long-term military value.

- Continue current missions, plus the following possible projected missions listed below.
- Serve as fallback base for FMF units now forward-based in Okinawa and/or Japan (BRAC 93 recognized the versatility and value of KBay as a fallback base).
- Provide a forward-based air and ground capability in the mid-Pacific, serving as the only Department of the Navy Air Station in Hawaii (BRAC 93 stated the need for such capability for USMC/USN).
- Further exploit economies and efficiencies resulting from currently planned consolidation to Marine Corps Base, Hawaii (MCBH). MCBH will consolidate those functions associated with shore establishments in Hawaii under one common commander to support all Fleet Marine Force units in Hawaii.

- Further exploit economies and efficiencies resulting from yet to be executed relocation of USN and USCG units and assets currently at NAS Barbers Point, and designated for relocation to KBay by BRAC 93.

Support additional units, possibly Army aviation units, if capacity exists. This issue will be more clearly defined following completion of BRAC 93 relocation decisions.

8. **UNIQUE MISSIONS:** Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- Support of trans-Pacific Aviation Operations between CONUS and WESTPAC areas.
- Training site for USCINCPAC Special Operations Exercises.

Projected Unique Missions for FY 2001

- MCBH is Host activity to CINCPAC and Joint Task Force - Full Accounting. Fallback base for DoD activities now assigned in WESTPAC forward areas.

Can accommodate contingency mobilization requirements.

9. **IMMEDIATE SUPERIOR IN COMMAND (ISIC):** Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

- |   |              |
|---|--------------|
| • Operational name                      | UIC          |
| <u>Commander, Marine Forces Pacific</u> | <u>67025</u> |
| • Funding Source                        | UIC          |
| _____                                   | _____        |

Data Call 1: General Installation Information, continued

Activity: 00318

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>65</u>	<u>501</u>	<u>354</u>
• Tenants (total)	<u>663</u>	<u>7993</u>	<u>151</u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>42</u>	<u>329</u>	<u>405</u>
• Tenants (total)	<u>953</u>	<u>6815</u>	<u>506</u>

\* These figures include all the tenants of MCBH, including Camp Smith, effective 15 Apr 94.

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC			
COL R. R. CRAWFORD	(808)257-2378 DSN 457-2378	(808)257-1829	(808)254-2994
• Duty Officer	(808)257-1824 DSN 457-1824		[ N/A ]
• Operations Officer			
LTCOL K. E. GREGORY	(808)257-7801 DSN 457-7801	(808)257-1829	(808)236-2245

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Marine Corps Air Facility	TBD	14	140	15
III MEF Forces Kaneohe	67339	354	5033	0
Bay				
1st Radio Bn	67408	48	645	0
MARFORPAC Band		1	50	0
Sergeant's Course	00318	0	16	0
HRO Camp Pendleton	00681	0	0	11
NAESU/NETS	33208	0	1	1
NAVFACENGCOM	62742	2	0	5
(ROICC)				
NIS	63435	0	2	6
NAVMED Clinic	68098	12	48	13
Navy PWC	62755	0	0	6
Fire Department	62813	0	0	17
DIS	68194	0	0	2
OCFHO	S94619	0	0	20
Health Services Command	W07CAA	1	3	0
DECA	CNW76	0	0	63
DAO	HQ0137	1	14	10

NOTE: Above numbers do not include 852 DoD (NAF) and 290 non-DoD numbers of commercial civilians with eight commercial activities.

**Data Call 1: General Installation Information, continued**

Activity: 00318

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Off	Enl	Civ
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Data Call 1: General Installation Information, continued

Activity: 00318

COMMARFOR PAC	67025	Camp Smith	101	123	30
HQ & SVCSBN	67385	Camp Smith	15	174	3
CINCPAC	00038	Camp Smith	367	362	167
DLA,HQDET PAC	48785	Camp Smith	1	0	65
JT INTEL CTR PAC	68389	Camp Smith	0	2	0
JT TASK FORCE- FA	33011	Camp Smith	26	104	16
MILTRAFMGT CD	W3JV AA	Camp Smith	0	0	6
NAV TELCOM CTR	42263	Camp Smith	3	65	2
NAVSEC GP DET	48082	Camp Smith	1	7	1
NAVMED CLINIC	68098	Camp Smith	1	14	0
NAVDENT CLNC	62313	Camp Smith	1	2	0
DEF FUEL REG PAC	68256	Camp Smith	2	1	7
DIS	68914	Camp Smith	0	0	2
NCPAC	41354	Camp Smith	2	9	38

NOTE: Does not include any DoD (NAF) or commercial civilians located at Camp Smith.

- Tenants (Other than those identified previously)

Data Call 1: General Installation Information, continued

Activity: 00318

Tenant Command Name	UIC	Location	Off	Enl	Civ

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)
- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER  
CHIEF OF STAFF

Randolph A. Gangle  
NAME (Please type or print)

  
Signature

Col, USMC, Chief of Staff  
Title

Date 940207

I MEB, HqSvcCo  
Activity

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

GLEASON PB  
NAME (Please type or print)

MAJOR  
Title

PLANS  
Division

G-3  
Department

FIRST MEB  
Activity

*PB Gleason*  
Signature

940203  
Date

Enclosure (1)

**DATA CALL 1: GENERAL INSTALLATION INFORMATION**

1. **ACTIVITY:** Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	<i>1st Marine Expeditionary Brigade</i>
Acronym(s) used in correspondence	
Commonly accepted short title(s)	

- Complete Mailing Address

HQSVCCO  
 Box 63003  
 MCAS Kaneohe Bay, HI 96863-3003

- PLAD

- PRIMARY UIC: 20080 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): 13100      PURPOSE: 3RD MAR  
                                   00024                                    MAG-24  
                                   20090                                    BSSG-1

2. PLANT ACCOUNT HOLDER:

• Yes  No  (check one)

3. **ACTIVITY TYPE:** Choose most appropriate type that describes your activity and completely answer all questions.

• **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes  No  (check one)

• **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes  No  (check one)

• Primary Host (current) UIC: 00318

• Primary Host (as of 01 Oct 1995) UIC: \_\_\_\_\_

• Primary Host (as of 01 Oct 2001) UIC: \_\_\_\_\_

• **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes  No  (check one)

4. **SPECIAL AREAS:** List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current Missions

- Continuous source of WESTPAC UDP (Infantry, Artillery, HMM and VMFA units)
- Downsizing of current force structure IAW HQMC Directives
- Maintain mid-Pacific MPF capability
- Provide MIDPAC humanitarian/disaster relief
- 
-

Projected Missions for FY 2001

- Participant in UDP with INF BNs
- Provide ready units for global sourcing
- Provide MIDPAC humanitarian/disaster relief
- 
-

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- Currently the sole remaining MEB in USMC
- MPF capability (augmentation required)
- Only USMC FMF units in MIDPAC

Projected Unique Missions for FY 2001

- Only USMC FMF unit in MIDPAC
- 
- 

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

- Operational name UIC  
III MEF 20128
- Funding Source UIC  
\_\_\_\_\_ \_\_\_\_\_

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>598</u>	<u>7358</u>	<u>0</u>
• Tenants (total)	<u>          </u>	<u>          </u>	<u>          </u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>354</u>	<u>5033</u>	<u>0</u>
• Tenants (total)	<u>          </u>	<u>          </u>	<u>          </u>

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC	CG 1st MEB/BGEN R. F. Vercauteran	(808)257-2141	
• Duty Officer	(808)257-1290		[ N/A ]
•			

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian

• Tenants (Other than those identified previously)

Tenant Command Name	UI C	Location	Off icer	Enli sted	Civil ian

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)
- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. V. ALDRICH

NAME (Please type or print)

COMMANDING OFFICER, ACTING

Title

1st RADIO BATTALION

Activity

J. V. Aldrich  
Signature

1 FEB 1994  
Date

## DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. **ACTIVITY:** Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	<i>1st Radio Battalion, Marine Forces Pacific</i>
Acronym(s) used in correspondence	
Commonly accepted short title(s)	<i>First Radio Bn, First RADB, 1st Radio Bn, 1st RADB</i>

- Complete Mailing Address

United States Marine Corps  
 1st Radio Battalion, Marine Forces Pacific  
 Box 63042  
 MCAS Kaneohe Bay, HI 96863-3042

- PLAD

FIRST RADB

- PRIMARY UIC: M21580 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response

page.

• ALL OTHER UIC(s): N/A PURPOSE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. PLANT ACCOUNT HOLDER:

• Yes \_\_\_\_\_ No X (check one)

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes  No  (check one)

• **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes  No  (check one)

• Primary Host MCAS KANEOHE BAY UIC: \_\_\_\_\_

• Primary Host (as of 01 Oct 1995) UIC: \_\_\_\_\_

• Primary Host (as of 01 Oct 2001) UIC: \_\_\_\_\_

• **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes  No  (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC

**Data Call 1: General Installation Information, continued**

Activity: 21580

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5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
DET-1 DET-11 DET-13 DET-15 DET-31		Kunia California California California Okinawa	NSGA KUNIA 11TH MEU 13TH MEU 15TH MEU 31ST MEU	20177 20173 20310 20175

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

First Radio Battalion has not been affected by any BRAC as of yet.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current Missions

- To provide tactical signals intelligence, electronic warfare, special intelligence (SI) communications, and communications security (COMSEC) monitoring in support of Marine Air Ground Task Forces and major subordinate commands as directed by COMMARFORPAC. Current operations include detachments deployed with the 11th, 13th, 15th and 31st MEU(SOC)s as well as detachments supporting I MEF, III MEF and WTI training/exercise evolutions.

- Additionally, 1st Radio Battalion Detachment 3 provides support to CINCPAC and the United States SIGINT system by conducting annual forward area operations against potential adversaries in a tactical environment. This Detachment develops corporate experience in SIGINT and logistics operations in preparation for CINC OPLANS such as 5027 and 1002 which levy a heavy tasking on First Radio Battalion assets.

Projected Missions for FY 2001

- Anticipate the missions described to remain valid through FY-2001.

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- First Radio Battalion's entire mission is unique. It is the only Marine Corps unit in the Pacific tasked with conducting tactical signals intelligence and electronic warfare.

Projected Unique Missions for FY 2001

- Expect First Radio Battalion to retain this unique mission.

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

- |   |               |
|---|---------------|
| ● Operational name                      | UIC           |
| <u>Commander, Marine Forces Pacific</u> | <u>M20021</u> |
| ● Funding Source                        | UIC           |
| _____                                   | _____         |

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>47</u>	<u>516</u>	_____
• Tenants (total)	_____	_____	_____

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>48</u>	<u>645</u>	_____
• Tenants (total)	_____	_____	_____

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC			
CO/LtCol R. Monreal	(808)257-5202	(808)257-1586	(808)254-4077
XO/Major J. V. Aldrich	(808)257-5203	(808)257-1586	(808)259-8131
• Duty Officer	(808)257-2949		
• _____			
• _____			

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
1ST Radio Battalion	M21580	32	325	

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Off	Enl	Civ

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Off	Enl	Civ

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
<i>CG I MEF</i>	<i>California</i>	<i>Radio Bn detachments in support of MEU and MEF requirements.</i>
<i>CG III MEF</i>	<i>Okinawa</i>	<i>Radio Bn detachments in support of MEU and MEF requirements.</i>
<i>COMMARFORPAC</i>	<i>Camp Smith, Hawaii</i>	<i>SIGINT, EW, SI Comm, and analysis in support of all Marine Forces Pacific requirements to include MARFOR support to CINCPAC and CINCCENT.</i>

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species).

**Data Call 1: General Installation Information, continued**

Activity: 21580

(Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

Bebe A. Haffarnan  
NAME (Please type or print)

Bebe A. Haffarnan  
Signature

LCDR, NC, USN - CLINIC DIRECTOR  
Title

94 Feb 01  
Date

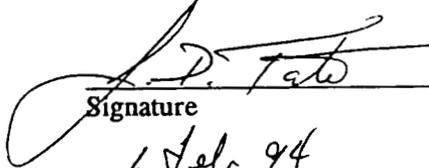
KANGONE BRANCH MEDICAL CLINIC  
Activity

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

STEVEN D. TATE  
NAME (Please type or print)

ADMINISTRATIVE OFFICER  
Title

  
Signature

1 Feb 94  
Date

KANEONE BRANCH MEDICAL  
Division

ADMINISTRATION  
Department

BRANCH MEDICAL CLINIC, KANEONE BRANCH  
Activity

**DATA CALL-1: GENERAL INSTALLATION INFORMATION**

1. **ACTIVITY:** Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

• Name

Official name	<i>Branch Medical Clinic, Kaneohe Bay, HI</i>
Acronym(s) used in correspondence	<i>N/A</i>
Commonly accepted short title(s)	<i>BMC, KMCAS; BMC, KBay; BMC, Kaneohe Bay</i>

• Complete Mailing Address

Commander  
 Branch Medical Clinic  
 Box 63066  
 Kaneohe MCAS HI 96863-3066

• PLAD

NAVREGMECEN BRCLINIC KANEOHE BAY HI

• PRIMARY UIC: 68098 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

• ALL OTHER UIC(s): 32612 PURPOSE: Clarification of site  
\_\_\_\_\_  
\_\_\_\_\_

2. PLANT ACCOUNT HOLDER:

• Yes \_\_\_\_\_ No X (check one)

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes  No  (check one)

• **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes  No  (check one)

• Primary Host (current) UIC: \_\_\_\_\_

• Primary Host (as of 01 Oct 1995) UIC: \_\_\_\_\_

• Primary Host (as of 01 Oct 2001) UIC: \_\_\_\_\_

• **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes  No  (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC

**Data Call 1: General Installation Information, continued**

**Activity: 68098**

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**Data Call 1: General Installation Information, continued**

Activity: 68098

5. **DETACHMENTS:** If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC

6. **BRAC IMPACT:** Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

Yes.

- FY 97, 98 Base population expected to increase by 600 to 1000 personnel.
- Activities will be modified to provide medical support for Naval Air activities with in-processing from BARBERS POINT NAS.
- Coast Guard activities are anticipated as new activities for which medical support will be provided.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current Missions

- Search and Rescue corpsmen provide rescue support to Oahu and neighboring islands.
- Maintain operational readiness for medical needs of 1200 Marines assigned on station; including rifle range, rappelling tower, gas chamber, etc., coverage.
- Provide for routine and acute care needs of dependents, retirees and eligible beneficiaries on Windward Oahu.
- Active flight line support.
- Periodic, annual, flight, employment, separation physicals as required by Marines and civilians onboard the Station and MEB.
- Active participation in pilot Domestic Violence Program of Kaneohe MCAS.

Projected Missions for FY 2001

- Naval Aviator Support
- Coast Guard Activity Support
- 
- 
-

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- Search and Rescue operations (medical support) Hawaii
- Laboratory services for large water mammals
- 

Projected Unique Missions for FY 2001

- 
- 
- 

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

- Operational name UIC  
Naval Medical Clinic, Pearl Harbor 68098
- Funding Source UIC  
Naval Medical Clinic, Pearl Harbor 68098

**Data Call 1: General Installation Information, continued**

Activity: 68098

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>12</u>	<u>48</u>	<u>11</u>
• Tenants (total)	<u>15</u>	<u>24</u>	<u>2</u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	<u>12</u>	<u>48</u>	<u>13</u>
• Tenants (total)	<u>15</u>	<u>24</u>	<u>2</u>

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC Clinic Director/ LCDR Bebe A. Haffarnan	(808)257-3365	(808)257-5653	
• Duty Officer	[N/A]		[ N/A ]
• Administrative Officer LT Steven D. Tate	(808)257-3365	(808)257-5653	
Director of Resource Mgmt LCDR Geoffrey Foss	(808)257-474-7576	(808)471-5704	

**Data Call 1: General Installation Information, continued**

Activity: 68098

12. **TENANT ACTIVITY LIST:** This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
21st Dental Company First Marine Expeditionary Brigade	67339	15	24	2

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

**Data Call 1: General Installation Information, continued**

Activity: 68098

Tenant Command Name	UIC	Location	Off	Enl	Civ

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Off	Enl	Civ

**Data Call 1: General Installation Information, continued**

Activity: 68098

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
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14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)
- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

MARK P JOHNSON  
NAME (Please type or print)

  
Signature

EXECUTIVE OFFICER  
Title

Date

2 FEB 94

21ST DENTAL CO.  
Activity

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

RUSSELL F BACHE  
NAME (Please type or print)

COMMAND CHIEF  
Title

Russell F Bache  
Signature

2 FEB 94  
Date

\_\_\_\_\_  
Division

\_\_\_\_\_  
Department

21ST DENTAL CO.  
Activity

Enclosure (1)

**DATA CALL 1: GENERAL INSTALLATION INFORMATION**

1. **ACTIVITY:** Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	<i>21st Dental Company BSSG 1</i>
Acronym(s) used in correspondence	
Commonly accepted short title(s)	

- Complete Mailing Address

Commanding Officer  
 21st Dental Company BSSG 1  
 Box 63037  
 Kaneohe Bay MCAS HI 96863 3037

- PLAD

TWO ONE DENCO

- PRIMARY UIC: 67339 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

• ALL OTHER UIC(s): N/A PURPOSE: \_\_\_\_\_

2. PLANT ACCOUNT HOLDER:

• Yes \_\_\_\_\_ No  X  (check one)

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes  No  (check one)

• **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes  No  (check one)

- Primary Host (current) UIC: 68098
- Primary Host (as of 01 Oct 1995) UIC:
- Primary Host (as of 01 Oct 2001) UIC:

• **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes  No  (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC

**Data Call 1: General Installation Information, continued**

**Activity:** 67339

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5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

Except for the loss of 3 enlisted billets 21st Dental Company has not been affected.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

Current Missions

- At the present time there is no change in mission for the 21st Dental Company or any change in projected deployments.
- 
- 
- 
- 

Projected Missions for FY 2001

- Change is not anticipated until there is an accurate base manning sent to BUMED for manning consideration.
- 
- 
- 
-

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- 
- 
- 

Projected Unique Missions for FY 2001

- 
- 
- 

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

- |                            |               |
|----------------------------|---------------|
| • Operational name         | UIC           |
| <u>21st Dental Company</u> | <u>67339</u>  |
| • Funding Source           | UIC           |
| <u>N/A</u>                 | <u>      </u> |

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	_____	_____	_____
• Tenants (total)	<u>15</u>	<u>26</u>	<u>1</u>

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	_____	_____	_____
• Tenants (total)	<u>14</u>	<u>26</u>	<u>1</u>

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC			
CO/Robert K. Flath	(808)258-5689	(808)257-5653	
• Duty Officer	(808)257-3100	[ N/A ]	
• Command Chief/Russell F. Bache	(808)257-5690	(808)257-5690	

12. **TENANT ACTIVITY LIST:** This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
21 Dental Company	67339	15	26	1

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

**Data Call 1: General Installation Information, continued**

Activity: 67339

Tenant Command Name	UI C	Location	Ofc r	Enl	Ci v

• Tenants (Other than those identified previously)

Tenant Command Name	UI C	Location	Ofc r	Enl	Ci v

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)
- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

AIR STATIONS  
COMPLETE  
BRAC 95

- A) GENERALS LETTER OF
- B) CHERRY POINT
- C) MIRAMAR
- D) YUMA
- E) CAMP PENDLETON
- F) NEW RIVER
- G) BEAUFORT
- H) KANEOHE BAY



BRAC-95 CERTIFICATION

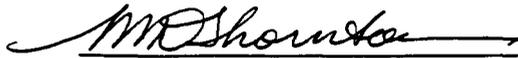
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**MICHAEL D. THORNTON**  
NAME (Please type or print)

CDR, CEC, USN  
Title

MILCON PROGRAMMING DIVISION  
Division

NAVAL FACILITIES ENGINEERING COMMAND  
Activity



Signature



Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN  
NAME (Please type or print)

COMMANDER  
Title

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature

12/9/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title

  
Signature

Signature

Date

12/17/94



BRAC-95 CERTIFICATION

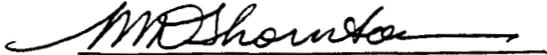
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MICHAEL D. THORNTON  
NAME (Please type or print)

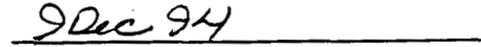
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Activity



Signature



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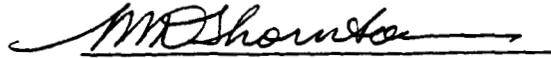
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MICHAEL D. THORNTON  
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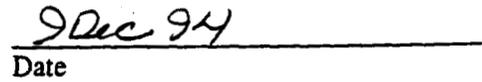
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**MILCON PROGRAMMING DIVISION**  
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Title

W A Earner  
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Date

BRAC-95 CERTIFICATION

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MARK E. DONALDSON  
NAME (Please type or print)

CDR, CEC, USN  
Title

MILCON PROGRAMMING DIVISION  
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE  
Department

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature  
12 July 1994  
Date

**BRAC DATA CALL NUMBER 64  
CONSTRUCTION COST AVOIDANCE**

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,
2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,
3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than \$15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.



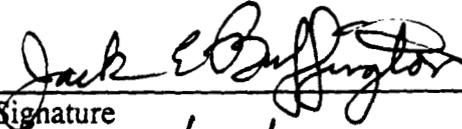
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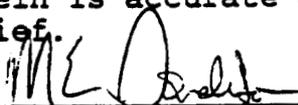
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Enclosure (1)

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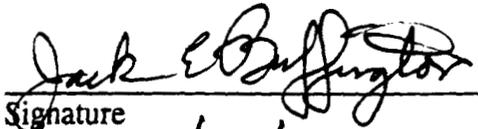
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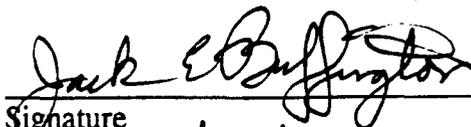
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COMMANDER  
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NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
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DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

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Date

BRAC-95 CERTIFICATION

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MARK E. DONALDSON  
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FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE  
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**BRAC DATA CALL NUMBER 64  
CONSTRUCTION COST AVOIDANCE**

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43

**DATA CALL 64  
CONSTRUCTION COST AVOIDANCES**

<b>Installation Name:</b>		CAMP SMITH (MCB HAWAII)		
<b>Unit Identification Code (UIC):</b>		M67385		
<b>Major Claimant:</b>		HQMC		
<b>Project FY</b>	<b>Project No.</b>	<b>Description</b>	<b>Appn</b>	<b>Project Cost Avoid (\$000)</b>
2001	P-006	PHYSICAL TRAINING CENTER	MCON	3,721
	Sub Total	2001		3,721
	Grand Total			3,721

43

**DATA CALL 64  
CONSTRUCTION COST AVOIDANCES**

**Table 2: Family Housing Construction Projects.**

<b>Installation Name:</b>		MCB HAWAII, HI		
<b>Unit Identification Code (UIC):</b>		00318		
<b>Major Claimant:</b>		HQMC		
<b>Project FY</b>	<b>Project No.</b>	<b>Description</b>	<b>Appn</b>	<b>Project Cost Avoid (\$000)</b>
97	H-344	REPLACE 54 UNITS	FHSG	11,920
		SUB TOTAL-1997		11,920
98	H-345	REPLACE 48 UNITS	FHSG	10,970
		SUB TOTAL-1998		10,970
99	H-346	REPLACE 40 UNITS	FHSG	9,450
		SUB TOTAL-1999		9,450
00	H-347	REPLACE 48 UNITS	FHSG	11,470
		SUB TOTAL-2000		11,470
01	H-348	REPLACE 40 UNITS	FHSG	9,730
		SUB TOTAL-2001		9,730
		GRAND TOTAL		53,540

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

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NEXT ECHELON LEVEL (if applicable)

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DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

**J.A. BRABHAM**  
\_\_\_\_\_  
NAME (Please type or print  
**LIEUTENANT GENERAL U.S. MARINE CORPS**  
**DEPUTY CHIEF OF STAFF FOR**  
**INSTALLATIONS AND LOGISTICS**

\_\_\_\_\_  
Title

*J.A. Brabham*  
\_\_\_\_\_  
Signature

*7/28/94*  
\_\_\_\_\_  
Date